



ES&S

Hardware Programming Manager System Operations Procedures

Version Release 5.7.3.0

October 1, 2010

Election Systems and Software, Inc.
Corporate Headquarters
11208 John Galt Blvd.
Omaha, Nebraska 68137
United States of America
Phone: (402) 593-0101
Toll Free Inside of U.S.: (877) 377-8683
Fax: (402) 593-8107
<http://www.essvote.com>
Copyright 2010 All Rights Reserved

© 2010 by Election Systems & Software, 11208 John Galt Blvd., Omaha, NE 68137-2364.
All rights reserved. Printed in the USA
Hardware Programming Manager System Operations Procedures, ES&S, Omaha, NE

This document, as well as the product described in it, is furnished under license and may be used or copied only in accordance with the terms of such license. The content of this document is furnished for informational use only, is subject to change without notice, and should not be construed as a commitment by Election Systems & Software, Inc. Election Systems & Software, Inc., assumes no responsibility or liability for any errors or inaccuracies that may appear in this document. Except as permitted by such license, no part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, recording, or otherwise, without the prior written permission of Election Systems & Software, Inc.

Disclaimer

Election Systems & Software does not extend any warranties by this document. All product information and material disclosure contained in this document is furnished subject to the terms and conditions of a purchase or lease agreement. The only warranties made by Election Systems & Software are contained in such agreements. Users should ensure that the use of this equipment complies with all legal or other obligations of their governmental jurisdictions.

All products described in this document are registered trademarks of Election Systems & Software Inc. All other products mentioned are the sole property of their respective manufacturers.

Proprietary Information

ES&S has identified and appropriately marked relevant portions of this document, which it considers confidential and proprietary. We request confidential treatment by the EAC of such information and would expect that such information is exempt from required disclosure. In the event that a third party requests disclosure of information which ES&S considers confidential and proprietary, we would ask that the EAC notify ES&S of such requested disclosure in order to provide us with an opportunity to seek exemption from disclosure.

The document sections referenced below contain Election Systems and Software, Inc. (ES&S) confidential information, which is provided for the sole purpose of permitting the recipient, to evaluate the ES&S Voting System submitted herewith. The following sections are designated as "Proprietary and Confidential" by Election Systems & Software.

Proprietary Document Section	Description

UNCERTIFIED FUNCTIONALITY NOTICE

This document is designated for use with the Unity 3.2.1.0 EAC voting system, which has been tested to the standards of the *2002 Voting Systems Standards (VSS)* to include a limited system configuration and feature set. Please be advised that this system and associated documentation includes functionality and descriptions of functionality that have not been fully tested or certified to the VSS.

The products and/or system features designated below **HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC)** to the requirements of the VSS:

UNCERTIFIED PRODUCTS

- ❖ System Hardware
 - Automated Bar Code Reader
 - iVotronic DRE Precinct Tabulator
- ❖ System Software
 - Unity Data Acquisition Manager
 - Unity iVotronic Ballot Image Manager

UNCERTIFIED SYSTEM FEATURES

- ❖ Network Results Transmission
 - Including remote transmission of vote data and local networking of central tabulators. Local networking of Election Management System workstations and reporting workstations is supported.
- ❖ Modem Support
 - The certified voting system configuration does not support the installation of a modem or transfer of election results via modem from a remote site to a central counting station. Installing a modem in any system tabulator or configuring an election definition to support modem transfer voids the certification of this system

If your jurisdiction requires Federal Voting System certification at the Federal level or you have questions about your jurisdiction's certification requirements, please refrain from using the products and system features listed above until you have received approval from your State Election Authority. **USE OF ANY UNCERTIFIED SYSTEM FEATURES NOTED ABOVE WILL NEGATE THE UNITY 3.2.1.0 FEDERAL CERTIFICATION.** ES&S shall not be held responsible for any unauthorized use of the foregoing products and system features.

Please visit www.eac.gov for more information regarding United States Federal voting system certification requirements and procedures. Contact the Elections Authority for your jurisdiction with any questions about your local laws and requirements.

Table of Contents

Introduction 1

Chapter 1: Overview 2

ES&S Elections	2
Central Count Systems	3
Precinct Count Systems	3
Operations Support Frequently Asked Questions	3
HPM Help	5
Help Topics	5
About Unity Hardware Programming Manager	7
Contact ES&S for Technical Support	8
General Timeline for Election Preparation	9
System Acquisition Procedures	10
Back Up Data and Restore Backup Data	11

Chapter 2: Hardware Programming Manager Procedures 12

Install HPM	12
Election Menu	12
Set Tabulator Controls Menu	13
Modify Election Definition Menu	14
Create Tabulator Data Menu	17
iVotronic PEB	17
iVotronic Compact Flash Card	19
DS200	19
Model 100	21
Model 650	23

Start Hardware Programming Manager 25

Chapter 3: Installation 26

Install RM/Cobol 11.01 for 32-bit Windows	27
Install Hardware Programming Manager from the CD	30
Disable Visual Themes	32
System Acquisition Procedures	32
Installing the OmniDrive USB/USB2 Professional (For use with the M100)	34
Installing the OmniDrive USB/USB2 Professional	34
Disable the "CSM GmbH OmniDrive USB USB Device" in Control Panel	37

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Installing the OmniDrive PC Card Manager 38
Deploying HPM and ERM in a Network Environment 43

Chapter 4:Start HPM 44

Election Menu 46

Chapter 5:Change 47

Chapter 6:Create New 49

Chapter 7:Import IFC 52

Chapter 8:Create IFC 54

Chapter 9:Create New From Prior Election 56

Chapter 10:Merge Part of Another Election 58

Chapter 11:Create Subset Election 60

Set Tabulator Controls Menu 63

Chapter 12:Jurisdiction 64

Chapter 13:Election Specification 68

Model 100, 650 or DS200 68
Model 100 and DS200 Scanner Options 75
Model 150/550/650 Scanner Options 81
iVotronic 83

Chapter 14:Certification 86

Model 100 and DS200 86
Certification Text for the Model 100 and DS200 Tapes 88
iVotronic Equipment 88

Modify Election Definition Menu 90

Chapter 15:Precincts 91

Change Precinct Master 91
Print Precinct Listing 94

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

- EL11, Precinct Listing 99
- Renumber Precincts 100
 - Renumber by Range 101
 - Renumber Individually 102

Chapter 16:Polling Places 104

- Change Polling Place 105
 - Remove Precincts from a Polling Place 108
- Print Polling Place Listing 108
 - EL63, Polling Place Listing 113

Chapter 17:Districts 114

- Change District Master 114
 - Add a New District Based on Existing Districts 117
- Print District Listing 118
 - EL76, District Listing 124
- Update Precincts from Districts 125

Chapter 18:Political Parties 127

- Print Political Party Listing 129
 - EL106, Party Master Listing 134

Chapter 19:Contests 135

- Change Contests and Candidates 135
 - Regular Contests (Model 100 and DS200) 135
 - Straight Party Position 141
 - Statistical Contests 142
 - Print Only Contests 145
- Change Candidate Rotation 145
- Change Straight Party Contests 148
- Change No Candidate Text 152
- Change ERM Only Counters 154
- Print Contest and Candidate Listing 158
 - EL12, Contest Listing 163
- Print Candidate Rotation Listing 164
 - EL10, Rotation Listing 169
- Print Straight Party Contest Listing 170
 - EL107, Straight Party Contest Listing 175
- Renumber Contests 176
 - Renumber by Range 178
 - Renumber Individually 179

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 20:Ballot Styles 181

- Change Ballot Style Control 182
- Change Ballot Styles 190
- Add Statistics and Print Only to Ballot Styles 194
- Renumber Ballot Styles 195
 - Renumber by Range 196
 - Renumber Individually 197
 - Renumber in Precinct Order 198
- Create Precinct/Ballot Style File 199
- Change Precinct/Ballot Style 201
- Print Ballot Style Listing 203
 - EL20, Ballot Style Listing 209
- Print Ballot Detail Listing 210
 - EL20A, Ballot Detail Listing 216
- Print Precinct/Ballot Style Listing 217
 - EL18, Precinct/Ballot Style Listing 222
- Print Polling Place/Ballot Style Listing 223
 - EL18A, Poll Place/Ballot Style Listing 228

Create Tabulator Data Menu 229

Chapter 21:Create Final Database 230

Chapter 22:Create Tabulator Parameters 232

Chapter 23:Load Memory Device With Parameters 234

- DS200 234
- Model 100 237
- Model 650 238
 - Reformat the Zip Disk 240
 - Load the Zip Disk with M650 Mixed Mode Parameters 241
- iVotronic Terminals 241
 - Qualify PEBs for iVotronic Terminals 244
 - Qualify PEBs for Large Polls 247

Chapter 24:Create Key PEB 249

Chapter 25:Prepare Election Compact Flash 251

Chapter 26:Create DAM Precinct List 260

Chapter 27:Telephone Number File 262

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 28:Reports 266

- Print Parameter File Listing 266
 - EL32, Parameter Listing - All Parameters 273
 - EL32, Parameter Listing - Selected Parameters 274
 - EL32, Parameter Listing - All Parameters Extended Mode 275
 - EL32, Parameter Listing - Selected Parameters Extended Mode 276
- Print Ballot Data File Status Listing 277
 - EL32U, Ballot Data File Status Report 282
- Print Precinct Burn Status Listing 283
 - EL41, Prom Status Listing 288
- Print Telephone Listing 289
 - EL122B, PBC Telephone No. Listing 294

Chapter 29:Display PEBLOG 295

- PEBLOG.csv 296

Utilities Menu 297**Chapter 30:Print System Log Listing 298**

- EL100, HPM Log Listing - Entire Log 304
- EL100, HPM Log Listing - Entire Log by Type 305
- EL100, HPM Log Listing - Selected Type 306
- EL100, HPM Log Listing - Selected Types by Type 307

Chapter 31:Import VR Data 308**Chapter 32:Backup Election Files 309****Chapter 33:Change Control File 310****Chapter 34:Report File Utility 312****Appendix 314****Chapter 35:Error Messages 315**

- RMCOBOL Program Exit Codes 359

Chapter 36:M100 Cards with Wireless Modems 406**Chapter 37:Create Districts for Michigan State Transfer File 408**

- Define State District Type Codes 409

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Define State District Codes 411
Bind Districts with Unity Precincts 414

Chapter 38:Set up USB PEB Reader 416

Install Driver 416
Check and Change Com Port 418

Chapter 39:Revision History 422

Index 425

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Part 1: Introduction

Part 1 contains information about the following topics.

- ❖ Chapter 1: Overview
- ❖ Chapter 2: Hardware Programming Manager Procedures

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 1: Overview

Hardware Programming Manager (HPM) is generally used for converting the election file for use with Election Reporting Manager and for creating election parameters and loading them to the memory device for your tabulator. However, it may be used for coding the election, if necessary.



NOTE: Coding an election in HPM is not supported in this release.

Hardware Programming Manager (HPM) is a complete election package that enables the you to import, format, and convert the election file, define districts, specify election contests and candidates, create election definitions for ballot scanning equipment, create memory storage devices (such as zip disks or PEBs), and create the Data Acquisition Manager Precinct List. The final product is an election that Election Reporting Manager can use to merge and report election totals.

ES&S Elections

Use ES&S software and hardware to create an election information database, format ballots, program ballot counting equipment, count ballots, and generate Election Day reports. Election Systems and Software products and services allow you to customize and scale election processes to meet the needs of your jurisdiction.

In a typical ES&S election, jurisdiction officials or ES&S election specialists use Election Data Manager to create an election database for your jurisdiction. Ballot layout artists and election programmers use the election database to format ballots with Ballot Image Manager and program ballot scanning equipment with Hardware Programming Manager. On Election Day, poll officials collect paper ballots or monitor voting on precinct tabulators such as the iVotronic. Officials then transfer scanner data directly from polling places to your jurisdiction's central count location with Data Acquisition Manager or hand-deliver ballots or scanner results to election headquarters. At the central location, election officials use Election Reporting Manager to convert raw data from Acquisition Manager or your ballot scanners into formatted election reports.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Central Count Systems

Jurisdictions that use central scanners transport ballots from polling places to a central count location where election officials scan the ballots.

Officials who tabulate ballots on central scanners such as the ES&S Model 650 save scanner results to zip disks after every half-hour of scanning. An election official loads totals from the disks into Reporting Manager and produces election reports while election workers continue to scan ballots. Reporting Manager generates a final election report after an election official loads the last scanner disk into the central count computer.

Precinct Count Systems

Jurisdictions that use precinct tabulators, such as the Model 100 and iVotronic, to collect vote data at polling places and physically transfer scanner memory devices to a central count location or transmit results to the central count site with Data Acquisition Manager. Voters place ballots directly into paper scanners or cast ballots on the iVotronic touch screen. Precinct scanners store voter selections at the polling place.

Election workers physically load ballot data from the scanner into Reporting Manager from memory storage devices (PCMCIA Cards or PEBs) or transfer data electronically directly from polling places with Data Acquisition Manager. Precinct count jurisdictions use Reporting Manager to combine election results from all of your jurisdiction's scanners to produce election reports. Reporting Manager generates a final election report after officials transfer all precinct scanner data to the central count computer.

Operations Support Frequently Asked Questions

- ❖ How is the system purchased?

Purchase Hardware Programming Manager by contacting your ES&S representative.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



Contact your ES&S representative by calling 877-377-8683 (USA & Canada) or 402-593-0101 (International).

❖ How is the system installed?

Install HPM by following the steps in the ES&S implementation plan. Installation instructions are also included in the System Operations Procedures manuals.



Refer to [Chapter 3: Installation](#) in this manual for instructions for installing Hardware Programming Manager.

❖ How is the system set up?

Follow the steps in the ES&S implementation plan to set up the system. Setup instructions are also included in the System Operations Procedures manuals.

❖ How do you verify the system?

You may verify the system in a variety of ways.

- Compare the serial numbers on the hardware to the numbers on the purchase order.
- Compare the software version in the About window to the version listed on the purchase order.



Refer to the [System Acquisition Procedures](#) heading in [Chapter 3: Installation](#) for instructions for accessing the About window.

- The Acceptance Checklist will aid in the verification of the system.

❖ What training is required?

Training is determined at the time the system was purchased.

❖ What checklist should be followed?

Use the Acceptance Checklist to ensure that the system has been delivered and is performing as expected.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

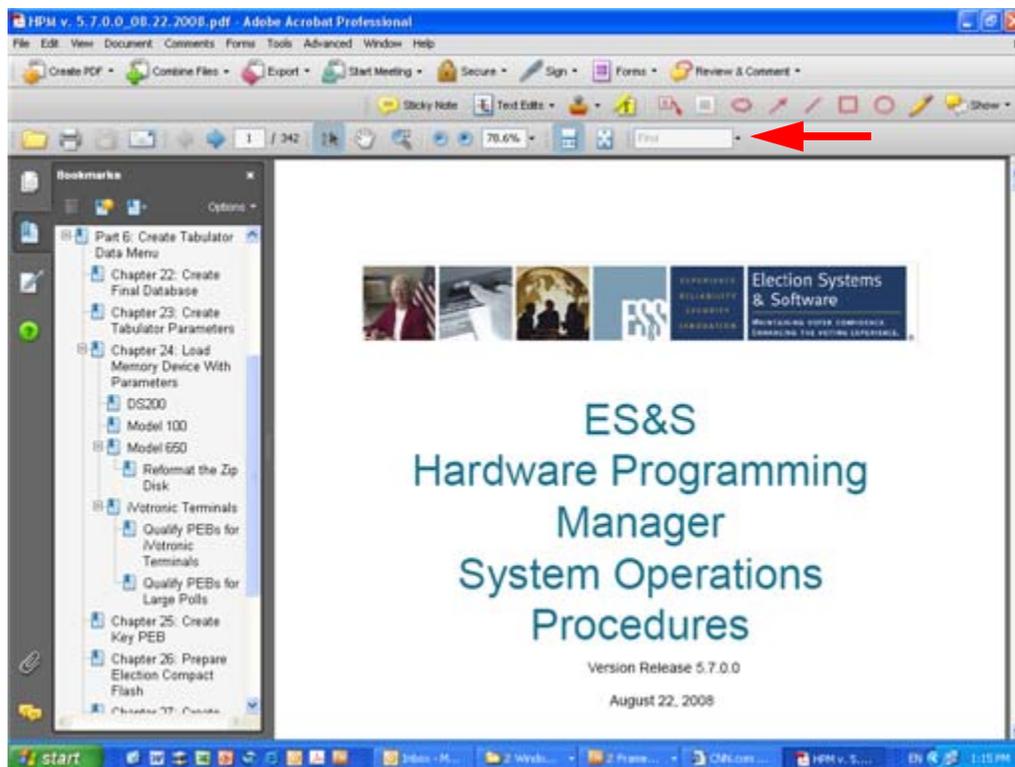
HPM Help

The Help menu provides a pdf of this manual under the Help Topics option and information about the version of Hardware Programming Manager that you are using under the About Unity Hardware Programming Manager option.

Help Topics

Use the Help Topics option to locate information about HPM in an on-screen version of this manual. From the Help menu, click **Help Topics**. The following will appear in a window that is separate from your Hardware Programming Manager application. You can use the bookmarks along the left side of the page or the **Find** option to locate information.

Take the following steps to locate text using the **Find** option.



1. Click in the **Find** box, and type the words you want to locate.

NOTICE OF UNCERTIFIED FUNCTIONALITY

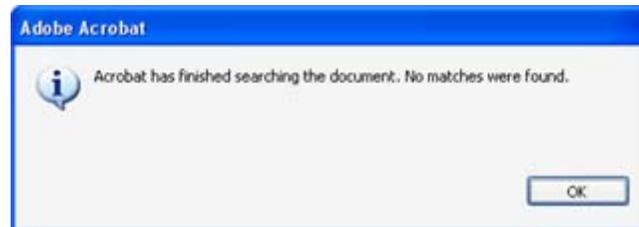
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

2. Press **Enter**. If the exact word string you entered is in the manual, Help will take you directly to that page.
3. If that is not what you want, press **Enter** again and you be taken to the next instance of the word string.

If the word string you typed is not in the manual, the following message appears.



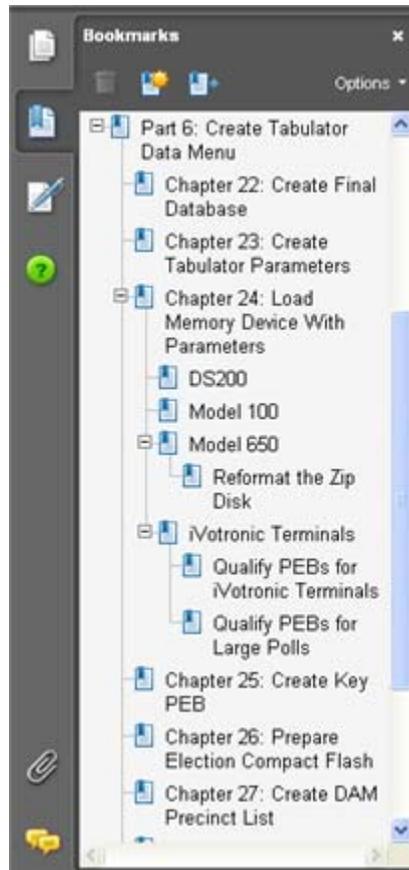
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

You can also use the bookmarks along the left side of the page to locate information.



Click the bookmark to go directly to the page containing the heading.

About Unity Hardware Programming Manager

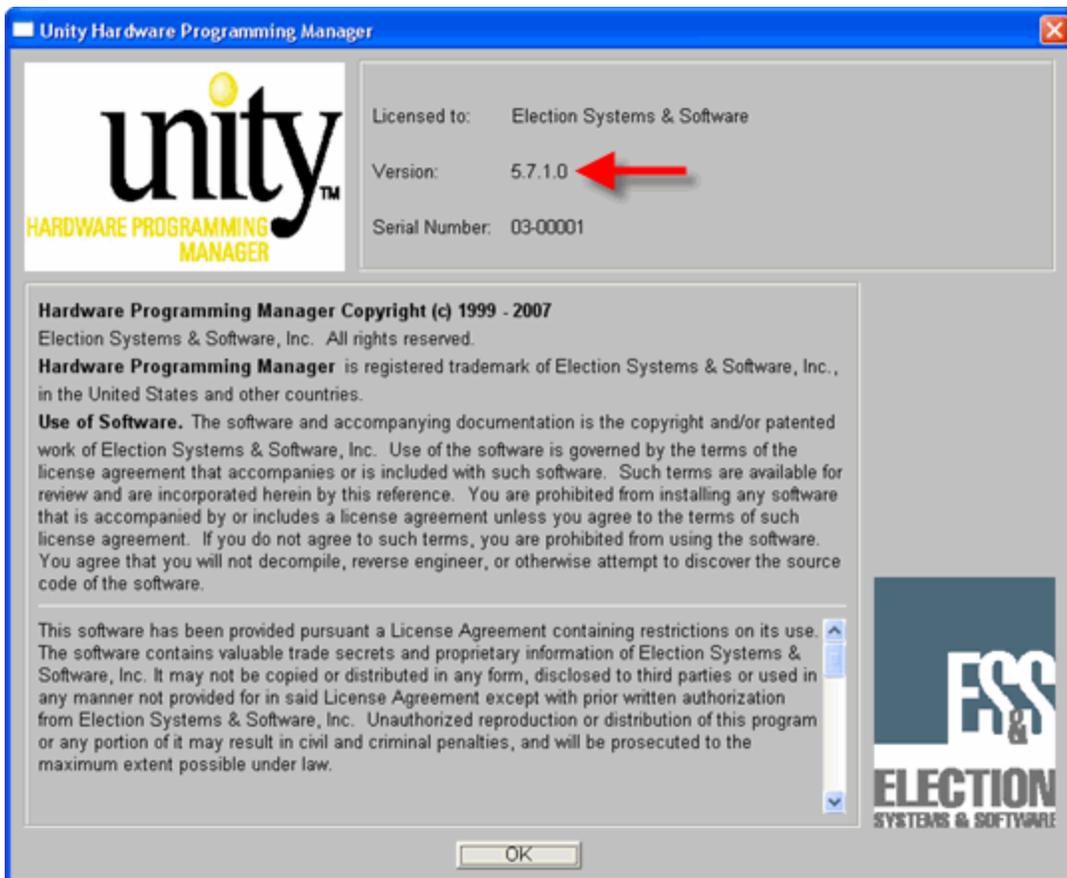
Click **About Unity Hardware Programming Manager** to view a window containing information about the version of Hardware Programming Manager that you are currently using, as well as copyright, trademark and software use restrictions.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



Click **OK** to return to the main HPM screen when you have finished viewing this screen.

Contact ES&S for Technical Support

This manual should aid you in accomplishing most tasks related to Hardware Programming Manager. However, if you need additional assistance, or if you encounter a processing problem or system error, ES&S's technical support staff can provide advice and help you resolve the situation.

When you contact ES&S for technical support, be near your equipment. In addition, be prepared to provide the following information to the support representative:

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

- ❖ The version number of the product you are using (for example, Hardware Programming Manager version 5.5.0.0).
- ❖ The *exact* wording of any messages that appeared.
- ❖ A description of what happened when the problem occurred.

Support representatives are available Monday through Friday, between 8:00 A.M. and 5:00 P.M. central time.

Contact an ES&S Support Representative

Telephone:	877-377-8683 (USA & Canada) 402-593-0101 (International)
Fax:	402-593-8107
Write:	Election Systems & Software 11208 John Galt Blvd. Omaha, NE 68137 USA

ES&S's support services are subject to ES&S's prices, terms and conditions in place at the time the service is used.

General Timeline for Election Preparation

90 Days	Submit site support request to ES&S
63 Days	All forms are due to ES&S (excluding Candidate forms)
56 Days	Candidate forms due to ES&S
46 Days	Last day to give ballot proofs to Counties (strictly for military or overseas voting).
45 Days	Absentee Voting begins
42 Days	Certification Deadline
28 Days	All ballot proofs must be signed off
21 Days	Last day to deliver Election Day ballots
20 Days	Advance or early voting begins

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

18 Days	Last day for ES&S to ship coding materials
10 Days	Software Installation for pre-election procedures
1 Day	Early voting ends

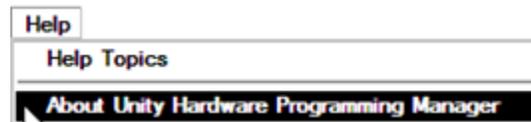


Refer to the Personnel Deployment and Training Requirements document for more information.

System Acquisition Procedures

Once you have installed Hardware Programming Manager, make sure your version matches the version listed on the purchase order.

1. From the **Help** menu, click **About Unity Hardware Programming Manager**.



A window similar to the following will appear.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



2. Verify that the version number toward the top of the screen matches the version number on your purchase order.



Contact ES&S customer support if the Version number on your software does not match the purchase order.

Back Up Data and Restore Backup Data

ES&S recommends that you back up all files in the \ELECDATA directory with your <election name> as well as the <election name> subfolder. Be sure to include all subfolders within the <election name> folder. If zipping the files, save the directory path. Back up data to a server.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 2: Hardware Programming Manager Procedures

Use the Unity Hardware Programming Manager™ (HPM) software to convert election files created in Image Manager for use with Election Reporting Manager, and to create election parameters and load them to a memory device for the voting and/or tabulation hardware. You can also use Hardware Programming Manager to make final changes to your election before you load the election onto the memory device.

The type of memory device onto which HPM loads information depends on the type of voting system you use for your election.

If you use this type of tabulator...	Program this type of memory device in HPM...
iVotronic	PEB, compact flash
M100	PCMCIA card
DS200	USB Flash Drive
M650	Zip disk

Install HPM

If this is the first time you have used Hardware Programming Manager, you must install it on your PC.



Refer to the [Chapter 3: Installation](#) for Hardware Programming Manager installation instructions.

Election Menu

1. Start Hardware Programming Manager.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



Refer to [Chapter 4: Start HPM](#) for instructions for starting Hardware Programming Manager.

2. From the Election menu, click **Create New**.
3. In the Create New window, give the election a name.



Refer to [Chapter 6: Create New](#) for information about completing the Create New window.

4. Click **Import IFC** to import the ballot interface (.ifc) file, containing all contest, candidate, precinct, rotation, polling place, and ballot style information, from the Election Data Manager and Image Manager ballot setup.



Refer to [Chapter 7: Import IFC](#) for information about importing the ballot interface file.

Set Tabulator Controls Menu

Complete the following windows under the Set Tabulator Controls menu.

1. Click **Jurisdiction** to open the Change Jurisdiction Master window.
2. Specify the tabulator(s) you will use for the election by verifying and completing the information in the Change Jurisdiction Master window.



Refer to [Chapter 12: Jurisdiction](#) for information about completing the Change Jurisdiction Master window.

3. Click **Election Specification** to open the Election Specification window.
4. In the Election Specification window, set the tabulator options you want to use.



Refer to [Chapter 13: Election Specification](#) for information about selecting tabulator options.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



NOTE: If you will use Data Acquisition Manager (DAM) and M100 modems, the password/access code must be coordinated with, and match, the DAM Host setup.

5. Click **Certification** to open the Change Headings or Certification Message window.
6. In the Change Headings or Certification Message window, enter the text that you want to print as the certification message on tapes or reports for your tabulator.



Refer to [Chapter 14: Certification](#) for information about entering text in the Change Headings or Certification Message window.

Modify Election Definition Menu

Print the following reports using the options under the Modify Election Definition menu and verify that all information is correct.

❖ Precincts

Point to **Precincts**, and click **Print Precinct Listing** to open the Print Precinct Listing window. Select whether you want to print all precincts or print selected precincts in a district. The Precinct Listing report will print.



Refer to the [Print Precinct Listing](#) heading in [Chapter 15: Precincts](#) for information about printing the [EL11, Precinct Listing](#) report.

After you review the report, you may need to make changes to your precincts. To make changes, point to **Precincts**, and click **Change Precinct Master** to open the Change Precinct Master window. Make the necessary changes, and reprint the report.



Refer to the [Change Precinct Master](#) heading in [Chapter 15: Precincts](#) for information about making changes to your precincts.

❖ Polling Place

Point to **Polling Place**, and click **Print Polling Place Listing** to open the Print window and print the Polling Place Listing report.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission



Refer to the [Print Polling Place Listing](#) heading in [Chapter 16: Polling Places](#) for information about printing the [EL63, Polling Place Listing](#) report.

After you review the report, you may need to make changes to your polling places. To make changes, point to **Polling Place**, and click **Change Polling Place** to open the Change Polling Place window. Make the necessary changes, and reprint the report.



Refer to the [Change Polling Place](#) heading in [Chapter 16: Polling Places](#) for information about making changes to your polling places.

❖ Districts

Point to **District**, and click **Print District Listing** to open the Print window and print the District Listing report.



Refer to the [Print District Listing](#) heading in [Chapter 17: Districts](#) for information about printing the [EL76, District Listing](#) report.

After you review the report, you may need to make changes to your districts. To make changes, point to **District**, and click **Change District Master** to open the Change District Master window. Make the necessary changes, and reprint the report.



NOTE: Districts may be used in ERM reporting.



Refer to the [Change District Master](#) heading in [Chapter 17: Districts](#) for information about making changes to your districts.

❖ Political Parties

Point to **Political Parties**, and click **Print Political Party Listing** to open the Print window and print the Political Party Listing report.



Refer to the [Print Political Party Listing](#) heading in [Chapter 18: Political Parties](#) for information about printing the [EL106, Party Master Listing](#) report.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

After you review the report, you may need to make changes to your party information. To make changes, point to **Political Parties**, and click **Change Political Party Master** to open the Change Political Party Master window. Make the necessary changes, and reprint the report.



Refer to [Chapter 18: Political Parties](#) for information about making changes to the political party master.

❖ Contests

Point to **Contests**, and click **Print Contest and Candidate Listing** to open the Print Contest and Candidate window. Select whether you want to print an abbreviated list that does not include candidates, a detailed list that includes the candidates, or an extended list. These will appear on paper tabulator device tapes and on ERM reports. Print the Contest Listing report.



Refer to the [Change Contests and Candidates](#) heading in [Chapter 19: Contests](#) for information about printing the [EL12, Contest Listing](#) report.

After you review the report, you may need to make changes to your contests. To make changes, point to **Contests**, and click the type of change you need to make to open the appropriate window. Make the necessary changes, and reprint the report.



Refer to the [Change Contests and Candidates](#) heading in [Chapter 19: Contests](#) for information about making changes to your contests and candidates.

❖ Ballot Styles

Point to **Ballot Styles**, and click **Print Ballot Style Listing** to open the Print Ballot Style Listing window. Select whether you want to print all ballot styles or print selected ballot styles. Print the Ballot Style Listing report.



Refer to the [Print Ballot Style Listing](#) heading in [Chapter 20: Ballot Styles](#) for information about printing the [EL20, Ballot Style Listing](#) or [EL20A, Ballot Detail Listing](#) report.

After you review the report, you may need to make changes to your ballot styles. To make changes, point to **Ballot Styles**, and click **Change Ballot Styles** to open the Change Ballot Styles window. Make the necessary changes, and reprint the report.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



Refer to the [Change Ballot Styles](#) heading in [Chapter 20: Ballot Styles](#) for information about making changes to your ballot styles.

Create Tabulator Data Menu

Take the following steps using the Create Tabulator Data menu to create a final database. The steps you take under the Create Tabulator Data menu vary, depending on which of the following types of tabulators you use.

❖ DS200

DS200 tabulators require USB Flash Drives as their memory devices.

❖ iVotronic

iVotronic tabulators require two different types of memory devices.

- [iVotronic PEB](#)
- [iVotronic Compact Flash Card](#)

❖ Model 100

Model 100 tabulators require PCMCIA cards as their memory devices.

❖ Model 650

Model 650 tabulators require zip disks as their memory devices.

iVotronic PEB



NOTE: If your election is iVotronic only, do not use this process.

Take the following steps under the Create Tabulator Data menu to create PEBs for your iVotronic tabulators.

1. Click **Create Final Database**.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



Refer to [Chapter 21: Create Final Database](#) for information about creating the final database.

2. Click **Create Tabulator Parameters** and complete the Create Tabulator Parameters window.



Refer to [Chapter 22: Create Tabulator Parameters](#) for information about completing the Create Tabulator Parameters window.



NOTE: Ensure that polling place mode is set in your election specification.

3. Click **Load Memory Device With Parameters** and complete the Load Memory Device With Parameters window.



Refer to [Chapter 23: Load Memory Device With Parameters](#) for information about completing the Load Memory Device With Parameters window.

4. Click **OK**. The Download to PEBs window appears.



Refer to the [iVotronic Terminals](#) heading in [Chapter 23: Load Memory Device With Parameters](#) for information about completing the Download to PEBs window.

5. Insert a PEB in the PEB reader.
6. Click **OK** to start the download process.
7. When the message “All files have been downloaded!” appears on the Download to PEBs window, remove the PEB.
8. Repeat steps 5-7 to load the election onto all PEBs.
9. Print a Precinct Burn Status Report.



Refer to the [Print Precinct Burn Status Listing](#) heading in [Chapter 28: Reports](#) for information about creating the [EL41, Prom Status Listing](#) report.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

iVotronic Compact Flash Card

Take the following steps to copy all bitmap and .wav (audio) files for a ballot to the compact flash.

1. From the Create Tabulator Data menu, click **Prepare Election Compact Flash**.
2. On the CF_Utility window, click **Yes** to include audio files on this compact flash.
3. In the Prepare Election Compact Flash window, select the drive into which you will insert the compact flash.



Refer to the [iVotronic Terminals](#) heading in [Chapter 23: Load Memory Device With Parameters](#) for information about completing the Prepare Election Compact Flash window.

4. Insert a blank compact flash card in the appropriate drive and click **Continue**.
5. When all files have been copied to the compact flash card, remove it.
6. Repeat steps 4 and 5 to load the bitmap and audio files onto all compact flash cards.
7. Print a Precinct Burn Status Report.



Refer to the [Print Precinct Burn Status Listing](#) heading in [Chapter 28: Reports](#) for information about creating the [EL41, Prom Status Listing](#) report.

DS200

Take the following steps under the Create Tabulator Data menu to load election data to USB Flash Drives for your DS200 tabulators.



NOTE: HPM will automatically clear the USB flash drive before programming election storage media. However, ES&S recommends formatting and clearing the USB flash drive with a Windows PC, which applies anti-virus scanning to each removable storage device and ensures clean installation of election files. Manually clearing the USB device also ensures that no HPM-created folders remain from previous elections.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



Warning: Ensure that DS200 USB memory devices are correctly partitioned and properly formatted to the FAT32 file system prior to loading devices with election configuration files.

1. Select **Create Final Database**. Click **OK**.



Refer to [Chapter 21: Create Final Database](#) for information about creating the final database.

2. Select **Create Tabulator Parameters** and complete the Create Tabulator Parameters window. Select **100/200** in the **Tabulators** box.



Refer to the [DS200](#) heading in [Chapter 22: Create Tabulator Parameters](#) for information about completing the Create Tabulator Parameters window.

3. Enter the **Range of Polls** data and click **OK**.
4. Select **Load Memory Device with Parameters**.



Refer to the [DS200](#) heading in [Chapter 23: Load Memory Device With Parameters](#) for information about completing the Create Tabulator Parameters window.

5. Select **200** in the **Tabulator** box.
6. Enter the **Range of Polls** data.
7. Choose the drive letter of the USB Flash Drive in the **Copy to Drive** field and click **OK**.
8. Print a Precinct Burn Status Report.



Refer to the [Print Precinct Burn Status Listing](#) heading in [Chapter 28: Reports](#) for information about creating the [EL41, Prom Status Listing](#) report.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Model 100

Take the following steps under the Create Tabulator Data menu to create PCMCIA cards for your M100 tabulators.

1. If you will send election results from the polling places to Election Reporting Manager via modems, click **Telephone Number File**, and enter the telephone number the modem should call to transfer election results.



Refer to [Chapter 27: Telephone Number File](#) for information about entering modem telephone numbers.

2. Select **Create Final Database**.



Refer to [Chapter 21: Create Final Database](#) for information about creating the final database.

3. Select **Create Tabulator Parameters** and complete the Create Tabulator Parameters window. Select **100/200** in the **Tabulator** box.



Refer to the [Model 100](#) heading in [Chapter 23: Load Memory Device With Parameters](#) for information about completing the Create Tabulator Parameters window.



Refer to the [Model 100](#) heading in [Chapter 23: Load Memory Device With Parameters](#) for information about completing the Create Tabulator Parameters window.

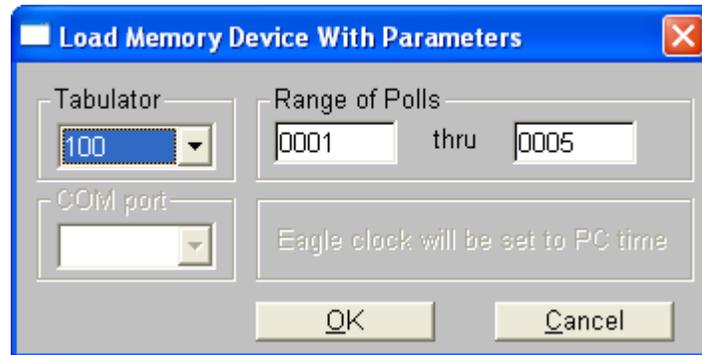
4. From the Create Tabulator Data menu, select **Load Memory Device with Parameters**.

NOTICE OF UNCERTIFIED FUNCTIONALITY

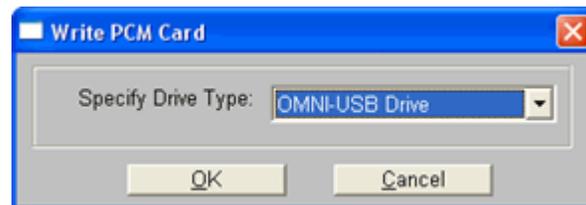
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

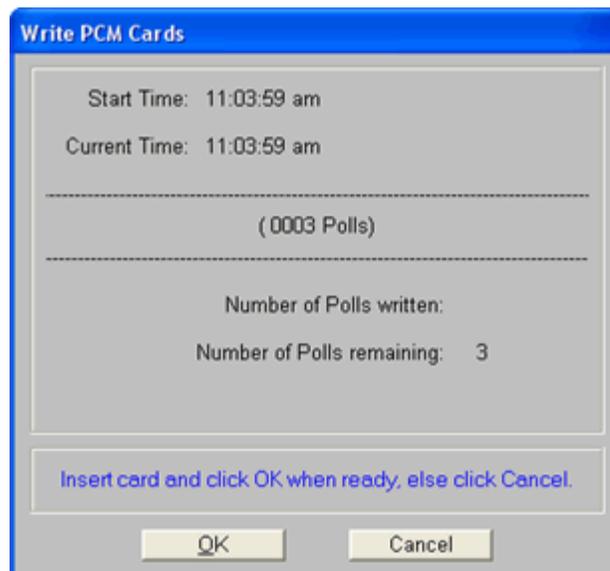
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



5. From the **Tabulator** list, select **100** as the tabulator.
6. In the **Range of Polls** boxes, enter the range of precincts/polls you want to load and click **OK**. The following screen will appear.



7. Select the **OMNI-PARALLEL Drive** or **OMNI-USB Drive** from the **Specify Drive Type** drop down and click **OK**. The following screen will appear.



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

8. Load the PCM Card into your drive and click **OK**, repeat this step for each card you want to program. Click **Cancel** if you do not want to continue.
9. After you have loaded the parameters to the memory device, print a Prom Status Listing report.



Refer to the [Print Precinct Burn Status Listing](#) heading in [Chapter 28: Reports](#) for information about creating the [EL41, Prom Status Listing](#) report.

10. If you will send results via modem from precinct tabulators or regional sites, Create a DAM Precinct List.

Model 650

Take the following steps under the Create Tabulator Data menu to create zip disks for your Model 650 tabulators.

1. Click **Create Final Database**.



Refer to [Chapter 21: Create Final Database](#) for information about creating the final database.



NOTE: If you need to reformat the zip disk, be sure to format it with the **FAT** (not FAT32) format. In addition, after receiving the *files transferred successfully* message, wait until the disk access light is off for at least five consecutive seconds before you eject the disk. For information about formatting a zip disk refer to the [Reformat the Zip Disk](#) section in [Chapter 23: Load Memory Device With Parameters](#).



NOTE: If you are using Model 650, the parameter file was created when you created the final database, so you do not need to create tabulator parameters.

2. Click **Load Memory Device With Parameters** and complete the Load Memory Device with Parameters window.
3. Enter the letter of the drive where the zip drive is installed in the **Copy to Drive** box.
4. Insert the zip disk in the appropriate drive when the message “Insert zip disk and click OK when ready, else click Cancel!” appears.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

5. When the election information has been copied to the zip disk, the message, "The .OFC, .>PRE, .PRF, and .RPT for the 650 have been copied to drive" appears. Remove the disk.
6. Repeat steps 5 and 6 until you have created all the disks you need for your election.
7. Print a Precinct Burn Status Report.



Refer to the [Print Precinct Burn Status Listing](#) heading in [Chapter 28: Reports](#) for information about creating the [EL41, Prom Status Listing](#) report.

8. If you will send results via modem from precinct tabulators or regional sites, Create a DAM Precinct List.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Part 2: Start Hardware Programming Manager

Start Hardware Programming Manager contains information about the following topics.

- ❖ [Chapter 3: Installation](#)
- ❖ [Chapter 4: Start HPM](#)

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 3: Installation

This chapter contains installation instructions for Hardware Programming Manager and contact information for customer support. Before you begin installation, close all programs and turn off virus protection software to prevent installation conflicts.

Minimum System Requirements

- ❖ PC with 1-GHz or faster processor
- ❖ Windows XP Professional with Service Pack 3(SP3)
- ❖ 40-GB hard drive
- ❖ 1 GB RAM
- ❖ CD/DVD Drive
- ❖ Keyboard and Mouse
- ❖ Super VGA (800x600) or higher – resolution video adapter and monitor
- ❖ 4 USB Ports

Optional System Components

- ❖ Serial cable or USB PEB Reader (iVotronic)
- ❖ USB Extension Cable (DS200)
- ❖ PC Card Manager
- ❖ USB 2.0 Omni Drive (Model 100)
- ❖ SanDisk Compact Flash Card Reader/Writer



NOTE: If installing Election Reporting Manager on a system where an existing version of ERM is present, you must first uninstall the previous versions of RM/Cobol, COBOL-WOW and ERM (via Add/Remove Programs).



Refer to Windows Help if you require instructions for removing programs from your computer.



Refer to **Hardening Procedures for the Election Management System PC** for information on setting up Peer-to-Peer and Windows 2003 EMS configurations.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Install RM/Cobol 11.01 for 32-bit Windows

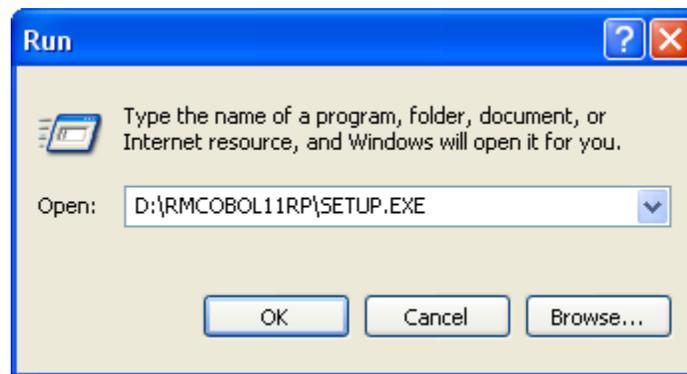


RM/Cobol is used for both Election Reporting Manager and Hardware Program Manager and needs to be installed only once.



Note: The RM/Cobol install process installs the run-time executable library. This process does not install a compiler.

1. Insert the installation CD into the CD-ROM drive.
2. Click **Start** on the Windows taskbar and select **Run** to open the Run window.
3. Select **Browse** to locate the CD Rom Drive on your PC. Locate the **RMCOBOL11RP** folder and double-click to open the folder. Double-click **SETUP.EXE** in the RMCOBOL folder to place it on the open path:



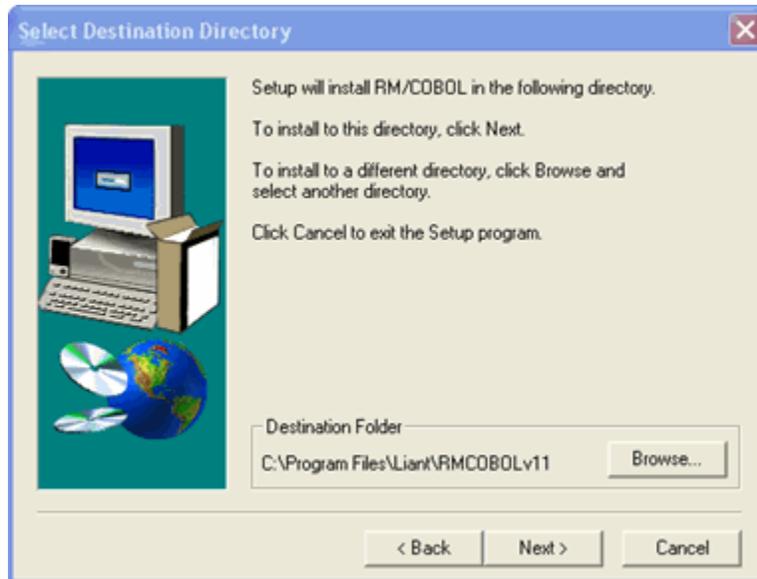
4. Click **OK** to begin the installation.
5. At the Welcome screen, click **Next**.
6. Click **Yes** to accept the Software License Agreement.
7. On the User Information screen, enter the **Name** and **Company** and click **Next**.
8. At the Select Destination Directory screen for the RM/Cobol installation, confirm that the drive letter is assigned to your local drive. The default location should be C:\Program Files\Liant\RMCOBOLv11, if you need to install on a network drive change C: to the correct destination, if it is correct then click **Next**.

NOTICE OF UNCERTIFIED FUNCTIONALITY

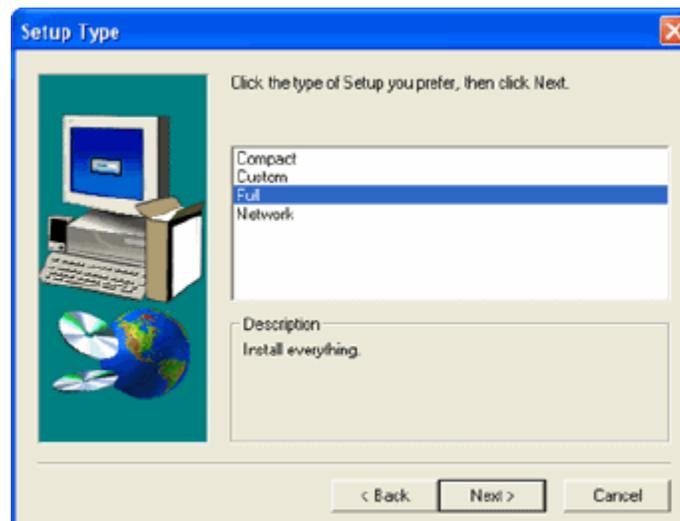
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



9. On the Setup Type screen, accept the default of a “Full” installation and click **Next**.



10. On the Select Program Folder screen, click **Next** to accept the default.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission



11. If the Liant License File window appears, type the letter of your CD Rom drive (for example: D:\LIANT.LIC) in place of the drive letter A:. Click on the license file at the root of the CD Rom drive and click **Open** and then click **Next**.



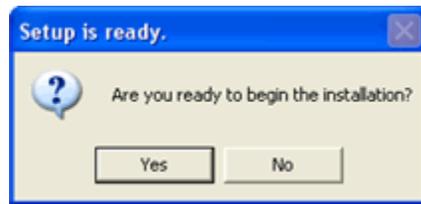
12. Click **Next** at the “Are you ready to begin the installation” screen.

NOTICE OF UNCERTIFIED FUNCTIONALITY

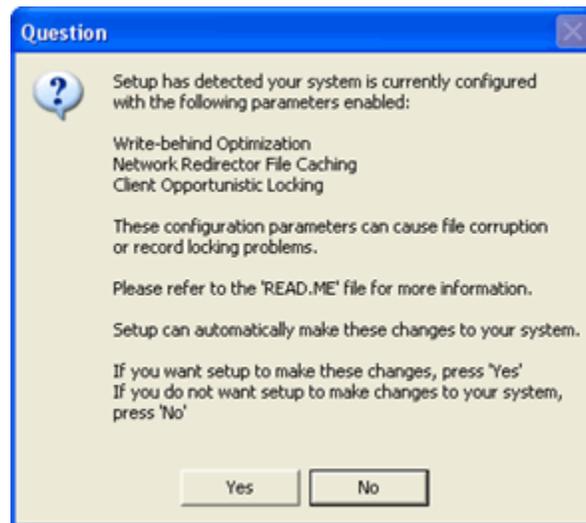
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



13. The following window appears that shows which parameters you have enabled and the following items may appear: Write-behind Optimization, Network Redirector File Caching and Client Opportunistic Locking. ES&S recommends you select **Yes** to change



14. Upon completion of the RM/Cobol installation, you may view the README file included with the program.
15. Click **Finish** to complete the setup.
16. If asked to restart the computer, select Yes, I want to restart my computer now, and then click OK.

Install Hardware Programming Manager from the CD

1. Insert the installation CD into the CD-ROM drive.
2. Click **Start** on the Windows taskbar and select **Run** to open the Run window.

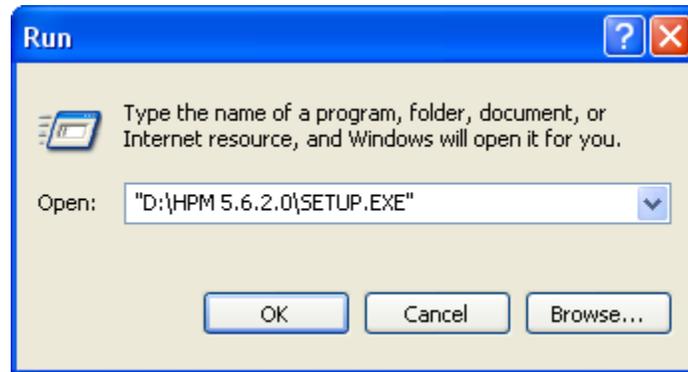
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

3. Click **Browse** to locate the CD Rom Drive on your PC. Find the **HPM** folder and double-click to open the folder. Double-click **SETUP.EXE** in the HPM folder to place it on the open path:



4. Click **OK** to begin installation.
5. At the Welcome screen, click **Next**.
6. Click **Yes** to accept the Software License Agreement.
7. On the User Information screen, enter the **Name** and **Company** and click **Next**.
8. At the Choose Destination Location screen, accept the default destination folder by clicking **Next**.



NOTE: The default drive is C:, if installing on a network drive change the drive letter to the correct drive.

9. On the Select Program Folder screen, click **Next** to accept the default.
10. On the Start Copying Files screen, click **Next**.
11. Upon completion of installing HPM, click **Finish**.



NOTE: See [Chapter 33: Change Control File](#) to setup HPM if the information will reside on a network drive.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Disable Visual Themes



NOTE: Some systems may experience difficulties launching the HPM application due to conflicts with system configured "Visual Themes." To avoid this possibility, you should disable visual themes in the HPM shortcut properties.

1. Browse to the HPM shortcut. Click **Start**, select **Programs**, then locate the Unity Election Systems program group.
2. Right click the **Hardware Programming Manager** shortcut and left click **Properties**.
3. Select the **Compatibility** tab.
4. In the Display Settings, select the **Disable visual themes** check box
5. Select the **Unity Election Systems** program folder.
6. Click **Apply**.
7. Click **OK**.



Refer to [Chapter 4: Start HPM](#) for instructions for starting Hardware Programming Manager.



If you encounter problems while installing HPM or have questions call 1-877-377-8683.

System Acquisition Procedures

Once you have installed the HPM software, make sure your version matches the version listed on the purchase order.

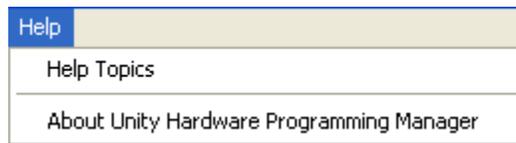
1. From the **Help** menu, select **About Unity Hardware Programming Manager**.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



A window similar to the following will appear.



2. Verify that the Version number at the top of the screen matches the version on your purchase order.



Contact ES&S Customer Support if the Version number on your software does not match the purchase order.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Installing the OmniDrive USB/USB2 Professional (For use with the M100)



NOTE: If the OmniDrive install CD does not contain the proper drivers for your hardware browse to <http://www.csm-products.com/html/support/downloads.htm> and download driver for your OmniDrive and operating system. Installation instructions are included with the downloaded driver file.

There are three main steps to install the OmniDrive USB/USB2 Professional.

- Install the OmniDrive USB/USB2 Professional.
- Disable the “CSM GmbH OmniDrive USB USB” in Control Panel.
- Install the PC Card Manager – V2.01

These steps are explained in the following paragraphs.

Installing the OmniDrive USB/USB2 Professional

1. Attach the OmniDrive to an open USB connector on your computer. Windows will install the basic drivers for the device.



NOTE: To enable additional functions for the OmniDrive, insert the OmniDrive installation CD. The installation menu appears on your screen.

2. From the Main menu, click “**USB/USB2 Professional.**”

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



3. The following window appears. This window contains the options to install the OmniDrive driver or the PC Card Manager V 3.11. Click Driver-Setup near the top of the screen.



4. Click Driver-Setup again.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

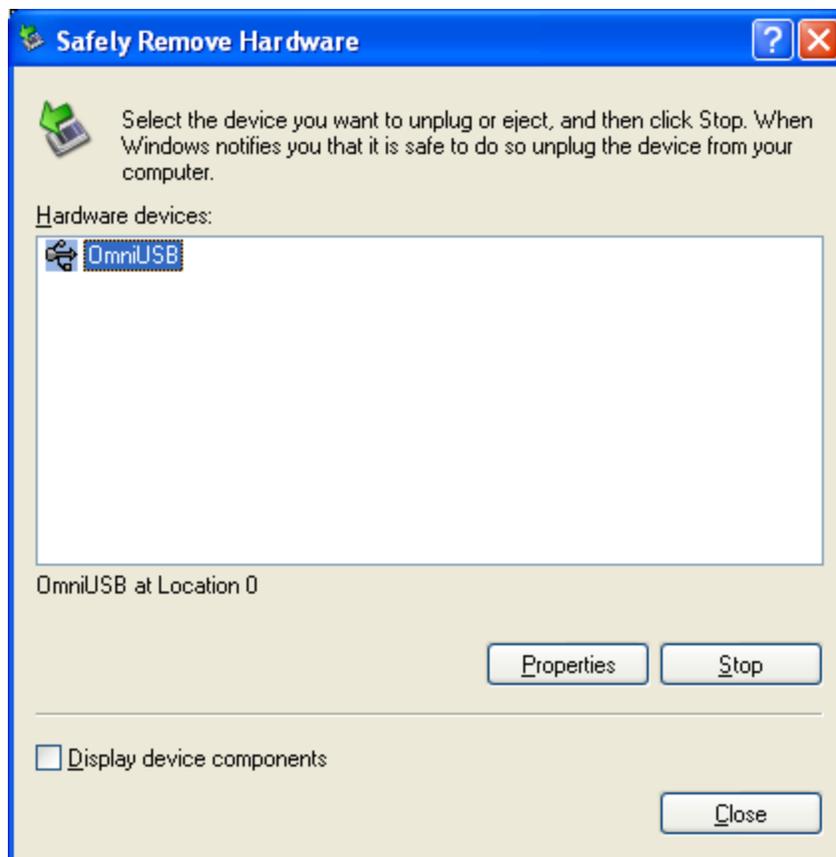


NOTE: This installation uninstalls the older driver V2.30 and installs the new driver V3.11.

5. Select the appropriate language.
6. Accept the defaults presented.
7. Verify that the driver has installed correctly by checking your Safely Remove Hardware icon located in the lower right hand corner near the clock. It is displayed as a small grey tray with a green arrow pointing above it.



8. If installed correctly, the Safely Remove Hardware icon will appear as “OmniUSB” as shown below (not “USB Mass Storage Device”).



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Disable the “CSM GmbH OmniDrive USB USB Device” in Control Panel

1. After installing the OmniDrive, the “CSMGmbH OmniDrive USB USB Device” must be disabled in Device Manager. Otherwise, the device will continually write test data to the card, causing the card to be unreadable by an M100.



NOTE: Do not uninstall the drive, because Windows will attempt to reinstall and reenable it the next time the computer is restarted. If OmniDrive is uninstalled and reinstalled on a different USB Port, you will need to verify steps 1-11 below.

Do not uninstall the drive, because Windows will attempt to reinstall and reenable it the next time the computer is restarted. If OmniDrive is uninstalled and reinstalled on a different USB Port, you will need to verify steps 1-11 below.

2. On your desktop, double-click the **My Computer** icon.
3. Double-click the  icon on the menu bar.
4. Double-click **Control Panel**.
5. Double-click the System icon.
6. Click on the **Hardware** tab.
7. Click **Device Manager**.
8. Click the **+** sign to the left of Disk Drives to expand the list.
9. Right-click on the **CSM GmbH OmniDrive USB USB Device**.
10. Click on **Disable**.
11. Click **YES** when the message “Disabling this device will cause it to stop functioning. Do you really want to disable it?” appears.



12. If asked to restart your computer, click **YES** to restart.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

Installing the OmniDrive PC Card Manager



NOTE: OmniDrive USB drivers must be installed prior to installing the PC Card Manager software below.



NOTE: (If the PC Card Manager shortcut does not appear on your desktop, the application must be installed. If PC Card Manager has already been installed, skip to “Checking the battery status and formatting your PCMCIA cards”).

1. Insert the Omni Drive USB Professional software installation CD into the CD-ROM drive. If AutoRun is enabled, the installation will start automatically. If the installation does not start, browse to your CD-ROM drive and double-click on “**SetupUSB.exe.**”

Name	Size	Type
Files Currently on the CD		
Bin		File Folder
PCM		File Folder
PRO		File Folder
STD		File Folder
autorun.inf	1 KB	Setup Information
SetupUSB.exe	124 KB	Application
SetupUSB.ini	1 KB	Configuration Settings

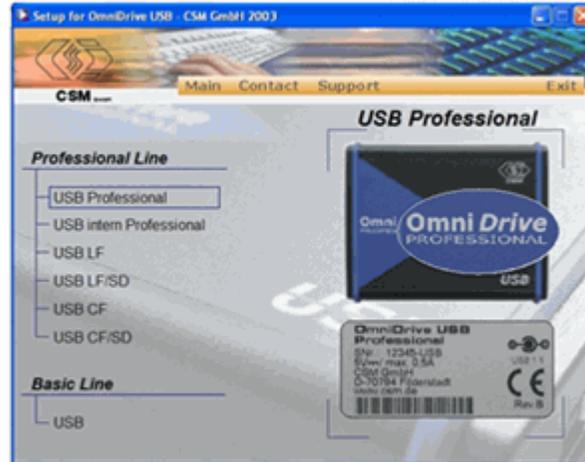
2. Click on **USB Professional** from the list of options.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



3. Click on the **PCM-Setup** button.



4. Click **Yes**, for “Do you wish to continue?”



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

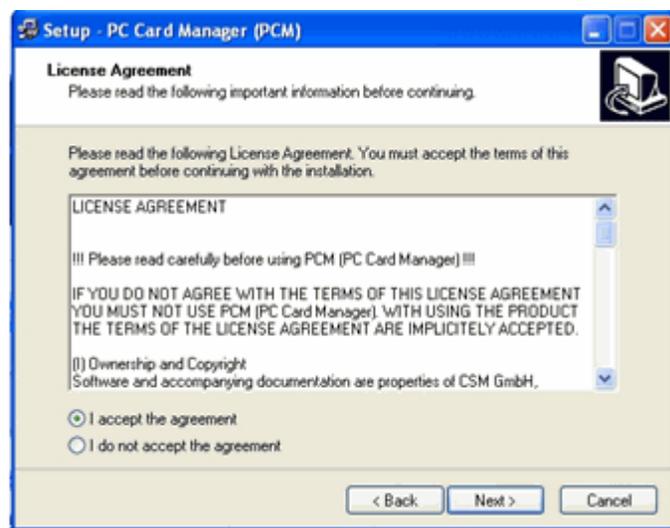
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

5. Click on **Next** to continue.



6. Select **“I accept the agreement”** then click on **Next** to continue.



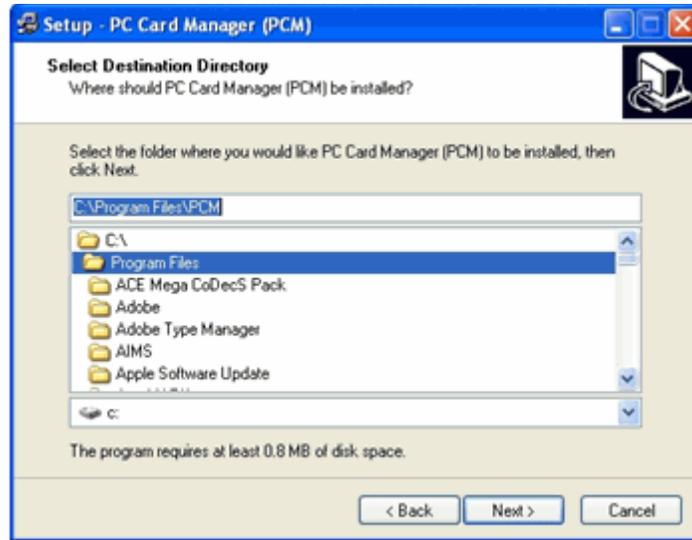
7. Click on **Next** to accept the default installation path.

NOTICE OF UNCERTIFIED FUNCTIONALITY

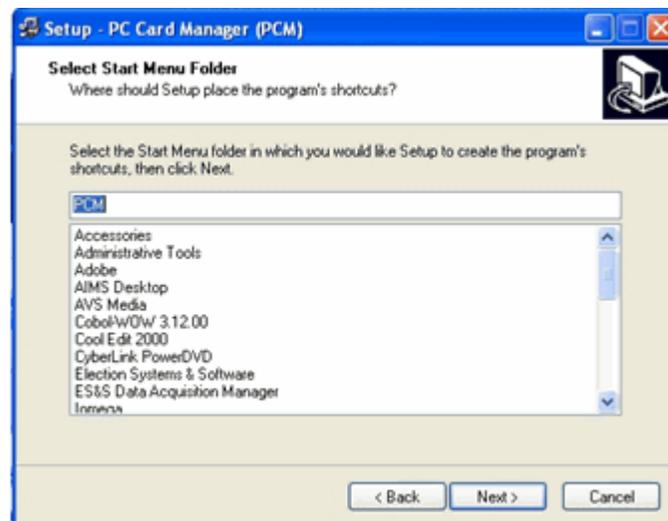
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



8. Click on **Next** to accept the default shortcut folder.

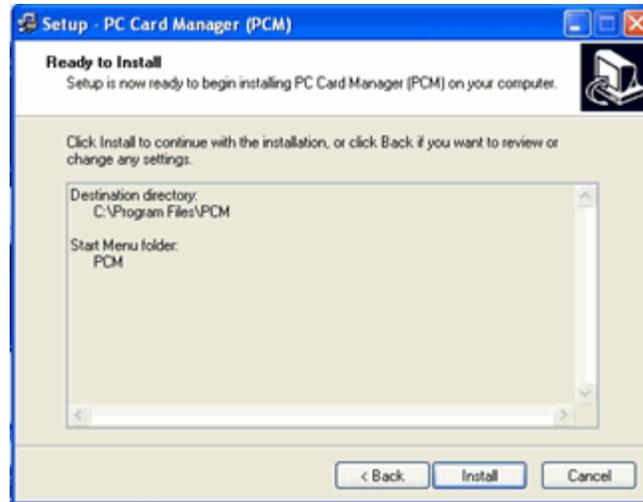


9. Click on **Install**. The OmniDrive PC Card Manager will now be installed.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission



10. Un-check the “**View README.TXT**” box, then click on **Finish**.



11. You will be returned to the original application installation dialog. Close this dialog, to view your computer desktop. (You may remove the install CD from your CD drive.)
12. On your desktop, you will now find the PC Card Manager shortcut.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features **HAVE NOT COMPLETED TESTING FOR CERTIFICATION** BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Deploying HPM and ERM in a Network Environment



Warning: Do not attempt to move any files if you are unsure of the process. Please call ES&S Support for assistance at 1-877-377-8683.



NOTE: Before moving your files, ensure both ERM and HPM programs are installed. See **ES&S Election Reporting Manager System Operations Procedures** for installing ERM.

From any client workstation computer where HPM and ERM have been installed, copy the files located in the C:\elecdata folder to the \elecdata folder on the Server. This includes the control files (CNTLFILE.DAT, CNTLAERO.V5), CERT.TXT and all M100DEMO files. The Server must be hardened and connected to a network with the client workstation.

See [Chapter 33: Change Control File](#) to verify the control file is setup for the network.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 4: Start HPM

1. From the Windows **Start** menu, point to **Programs**, select **Unity Election Systems**, and double-click **Hardware Programming Manager**. The Copyright screen appears. If you are not using Windows XP Service Pack 2 with the firewall active, go to step 4.
2. If you are using Windows XP Service Pack 2 with the firewall active, the Windows Security Alert window will appear with the Unity Copyright window partially on top of it.



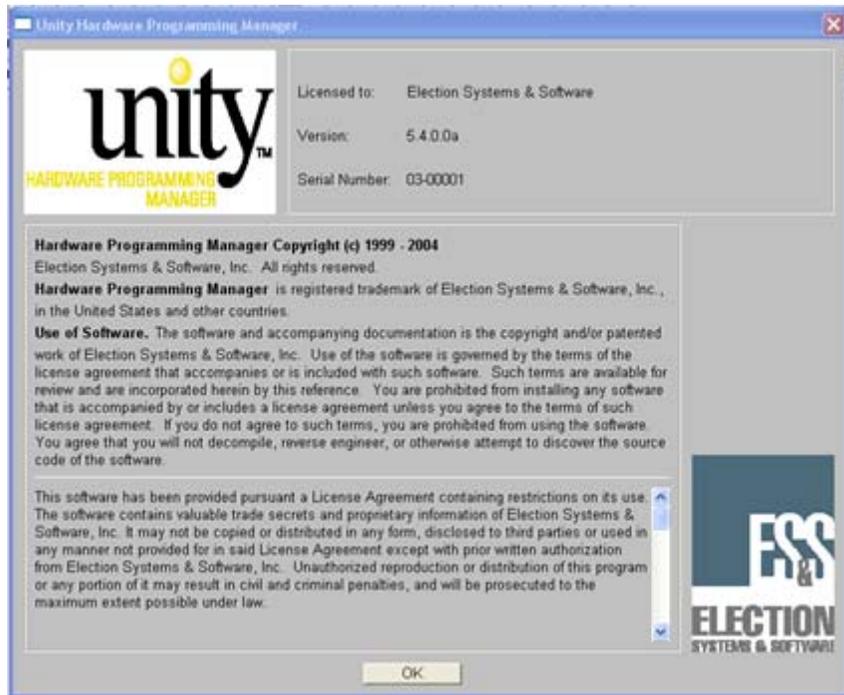
3. Select **Unblock** and this window will not appear again. The Unity copyright screen appears.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



4. Click **OK** to advance to the HPM main menu screen.



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Part 3: Election Menu

Part 3 contains information about the following topics.

- ❖ Chapter 5: Change
- ❖ Chapter 6: Create New
- ❖ Chapter 7: Import IFC
- ❖ Chapter 8: Create IFC
- ❖ Chapter 9: Create New From Prior Election
- ❖ Chapter 10: Merge Part of Another Election
- ❖ Chapter 11: Create Subset Election

NOTICE OF UNCERTIFIED FUNCTIONALITY

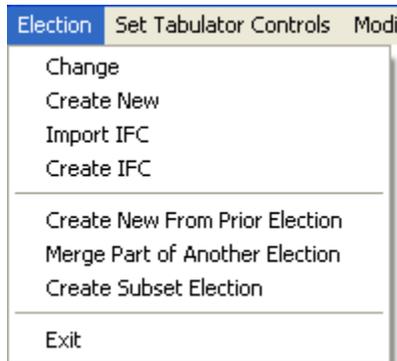
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

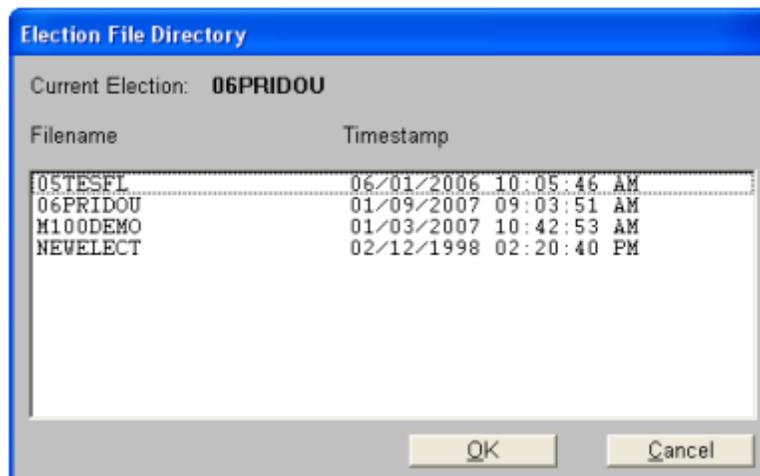
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 5: Change

Use this option to select and work with any election in the system.



1. From the Election menu, click **Change** to open the Election File Directory window.



The available elections are listed in alphabetical order.

2. Select the name of your election and click **OK** to load the file.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



3. Click **OK** to make that election your current election

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

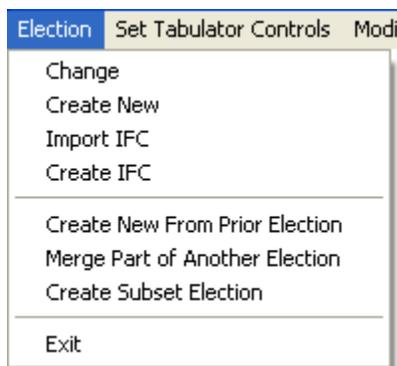
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 6: Create New

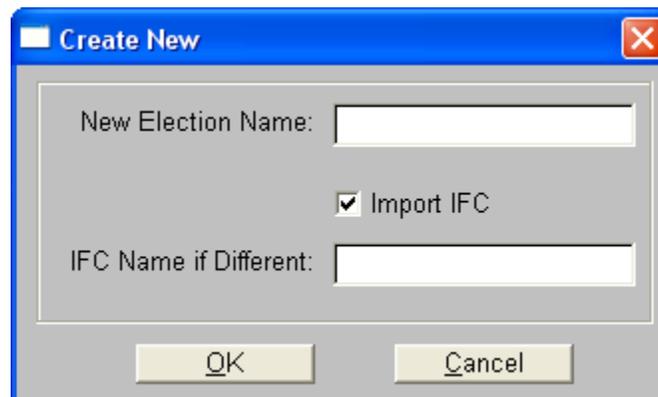
After you copy the ballot interface file (.IFC) to the \ELECADATA directory on the hard disk, you are ready to create an empty election shell. When you import the .IFC file, the empty shell will then be filled with the election information from the .IFC file.



NOTE: If you are using Optech equipment and iVotronic terminals together, import only the Optech IFC file. If you are using only iVotronic equipment, copy the .IFC file to the ELECADATA directory for import in HPM.



1. From the Election menu, click **Create New**. The following window appears.



2. Type the name (up to eight characters) of the new election.

NOTICE OF UNCERTIFIED FUNCTIONALITY

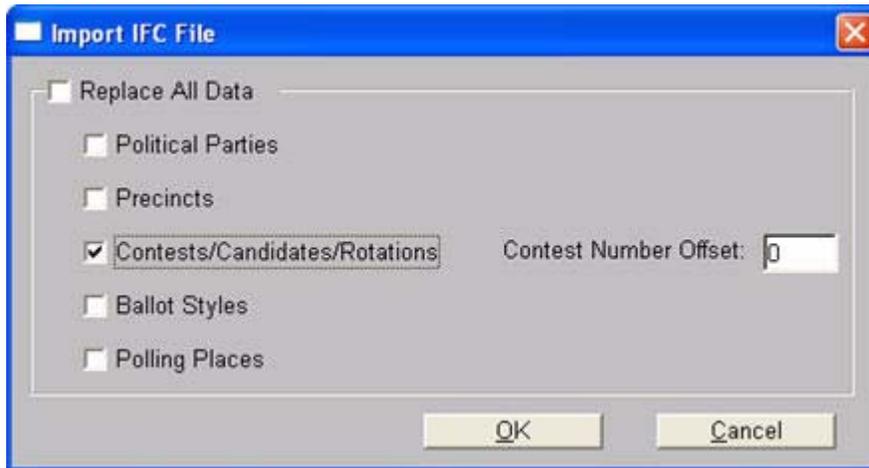
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission



NOTE: Always press the Enter key to move between fields.

3. Select the **Import IFC** check box. The .IFC file must reside in the \ELEC\DATA directory and the name must not exceed eight characters.
4. Type the name of the .IFC file if it is different from the election name you entered.
5. Click **OK** to open the Import IFC File window.



6. Select the **Replace All Data** check box to import all data from the new .IFC file. If you want to replace only certain data, select the appropriate check box for the information you want to import.
7. The **Contest Number Offset** field will appear. Because the .IFC file already contains the contests, you do not need to enter anything in this field. Click **OK**.



NOTE: The IFC file automatically begins numbering with 100. Therefore, any number you enter will be added to 100 as the beginning number.

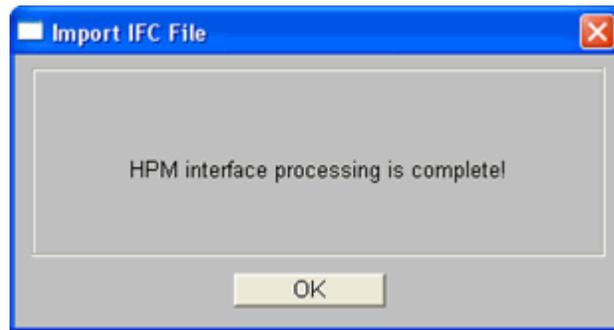
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

8. When the .IFC file has been imported, the following message appears.



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

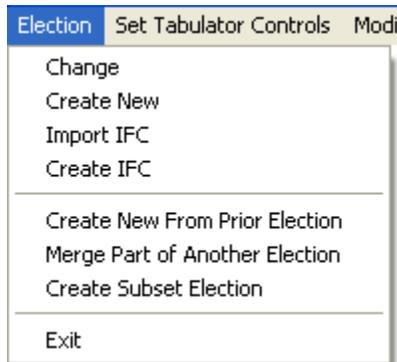
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

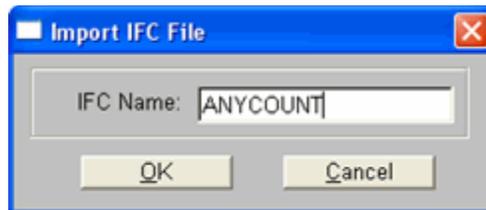
Chapter 7: Import IFC

If a mistake has occurred in Image Manager or you find that you have bad data, you must correct Image Manager and create another .IFC file. In this instance, you will import the correct .IFC file in to the election that has already been created.

1. Copy the .IFC file into the \ELECDATA directory on the hard drive as before.



2. From the Election menu, click **Import IFC** to open the **Import IFC File** window.

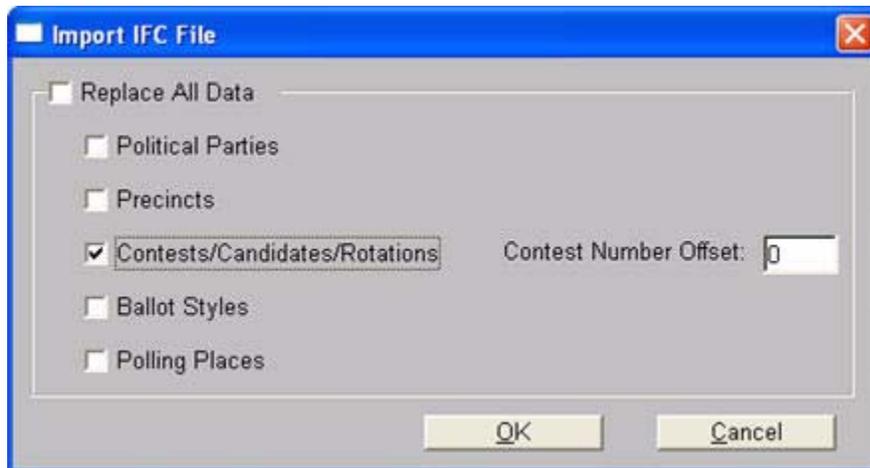


3. Enter the name of the IFC file you want to import and click **OK**.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

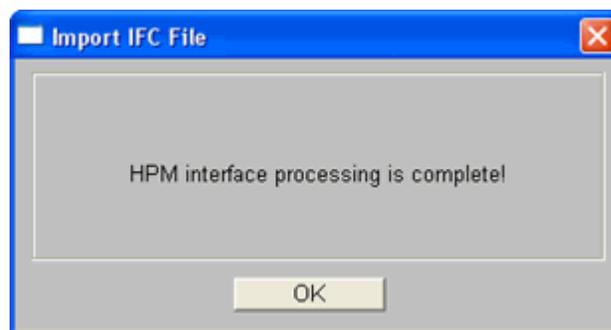


4. Select **Replace All Data** to import all data from the new .IFC file. If you want to replace only certain data, select the appropriate check box for the information you want to import.



NOTE: The IFC file automatically begins numbering with 100. Therefore, any number you enter will be added to 100 as the beginning number. Because the IFC file should already contain your contests, an offset is not necessary.

5. When the .IFC file has been imported, the following message appears.



NOTICE OF UNCERTIFIED FUNCTIONALITY

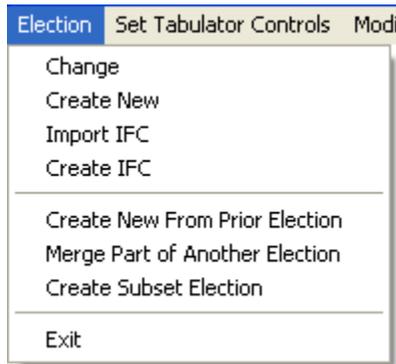
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

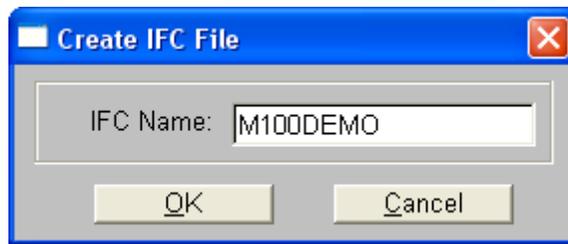
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 8: Create IFC

This option will generate an IFC file based on the data that is stored in the .DAT file for a given election. The IFC file can then be used to pass data from HPM back to other Unity applications.



1. From the Election menu, click **Create IFC** to open the Create IFC File window.



NOTE: The encrypted file must reside in the \ELECDATA directory and the name cannot exceed eight characters in length.

2. When the import is complete the following message appears.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

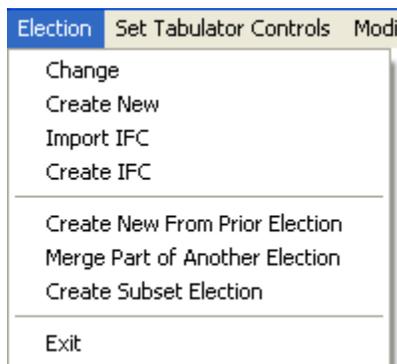
Chapter 9: Create New From Prior Election

This option enables you to create a new election using the settings from a prior election.

Once the layout is complete in the ES&S Image Manager, iVIM, and OPTECH Image Manager, an IFC file is generated for use in HPM. The IFC file contains all of the contest, candidate, rotation, polling place, and ballot style information necessary to prepare the tabulator media. This option is beneficial to the users who are coding from scratch after ballots have already been printed.



NOTE: Coding an election in HPM is not supported in this release.



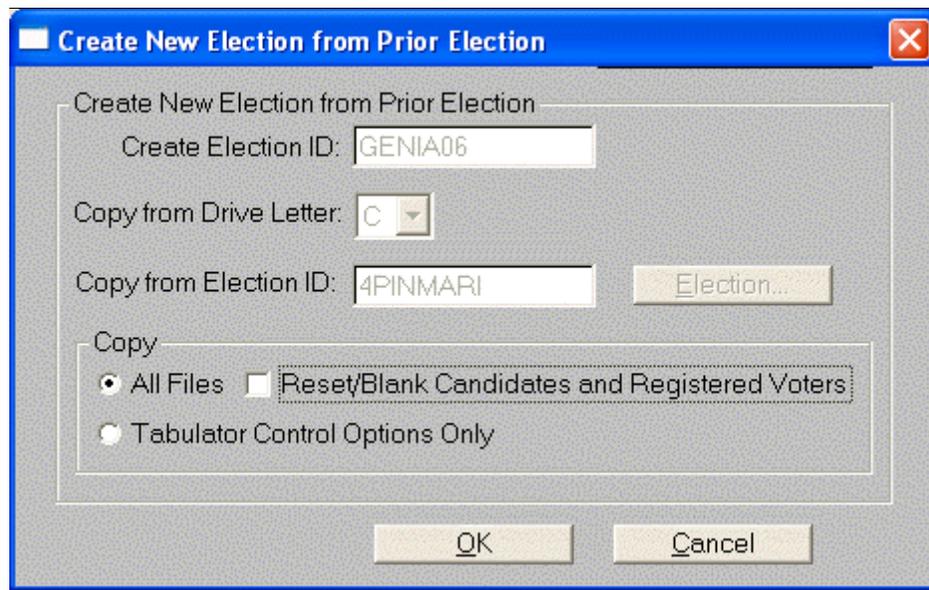
1. From the Election menu, select **Create New Election from Prior Election**.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



2. In the Create **Election ID** field, enter the name of the election you want to create.
3. From the **Copy from Drive Letter** box, select the letter of the drive on which the prior election resides.
4. From the **Copy from Election ID** field, select the name of the prior election.
5. Select **All Files** if you want to copy all of the party, precinct, contest/candidate/rotation, ballot style, polling place and tabulator information into the new election.
6. Select the **Reset/Blank Candidates and Registered Voters** box if you do not want to copy the candidate names and registered voter totals into the new election. This option is available only if you selected **All Files** in step 5.
7. Select the **Tabulator Control Options Only** box if you want to copy over only the tabulator information.

NOTICE OF UNCERTIFIED FUNCTIONALITY

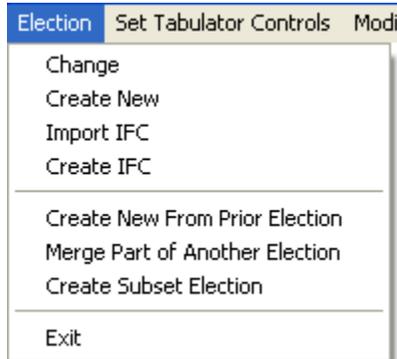
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

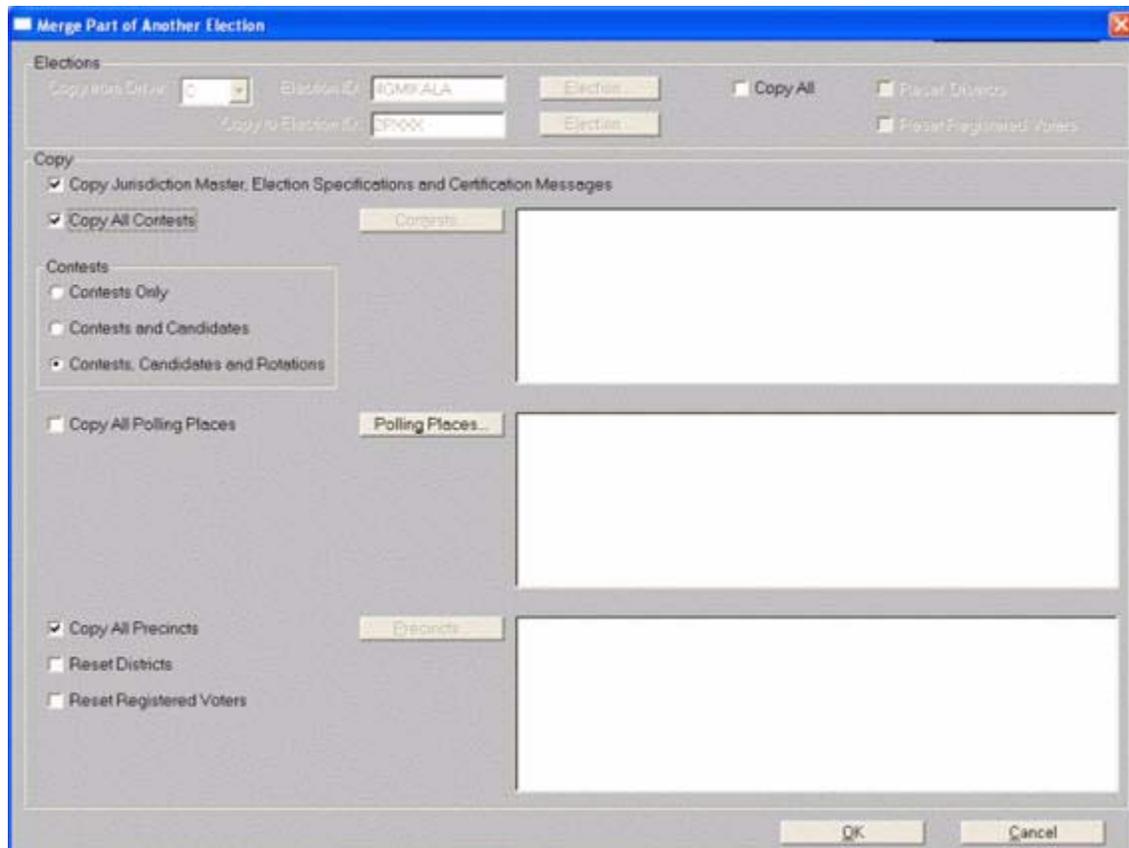
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 10: Merge Part of Another Election

This option allows merging portions of an election into another election.



1. From the Election menu, click **Merge Part of Another Election** to open the Merge Part of Another Election window.



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

2. From the **Copy from Drive Letter** box, select the letter of the drive on which the prior election resides.
3. In the **Copy from Election ID** field, select the name of the election you want to merge information from.
4. In the **Copy to Election ID** field, enter the name of the election you want to merge the information into.
5. Select the **Copy All** box if you want to copy all information over. If you selected to **Copy All**, the **Reset Districts** and **Reset Registered Voters** boxes will be the only options available.
6. Select the **Copy Jurisdiction Master, Election Specifications** and **Certification Messages** box if you want to merge this information into this election.
7. Select the **Copy All Contests** box if you want to copy all of the contests.
8. The Contests section will be available only if you selected **Copy All Contests**. In the Contests section of the screen, select from the following:
 - Contests Only (no candidate names or rotations)
 - Contests and Candidates (no rotations)
 - Contests, Candidates and Rotations
9. Select the **Copy All Polling Places** box if you want to copy all of the polling places.
10. Select the **Copy All Precincts** box if you want to copy all of the precincts.
11. If you selected **Copy All Precincts**, the following will be available:
 - Reset Districts
 - Reset Registered Voters

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

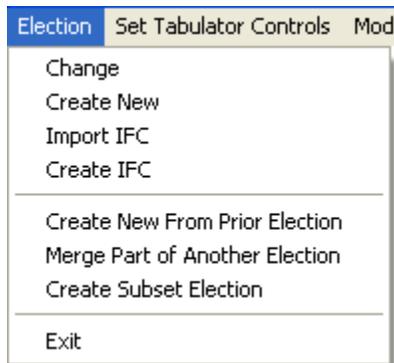
Chapter 11: Create Subset Election

Use this option to create a second election to allow for tabulation of ballots with ballot style IDs without using headers. These results can then be imported into ERM as a single absentee total or as one precinct per ballot style.

Subset elections also enable you to create elections with different tabulation conditions, then merge them together in ERM. For example, it may be used to create ballot sets for different parties that apply different conditions to the tabulation rules.



There are numerous ways to use this option. Contact ES&S Support for assistance before you create a subset election.



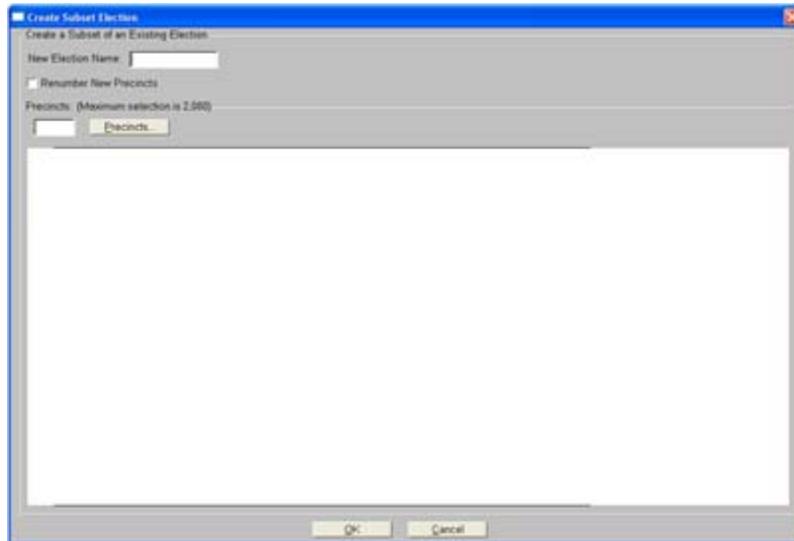
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

1. From the Election menu, click **Create Subset Election** to open the Create Subset Election window.

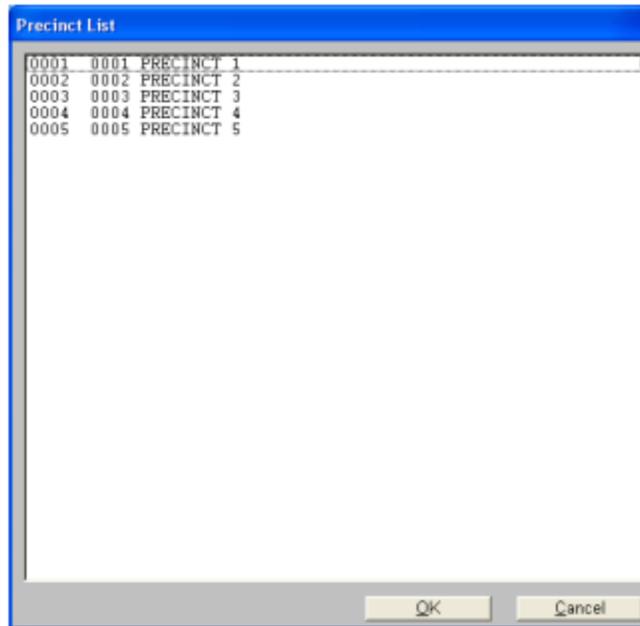


2. Enter the new election name to use.
3. Select the **Renumber New Precincts** check box if you want to change the precinct numbers. Be sure that this check box is cleared if you want to retain the same precinct numbers that you entered in the range.
4. Enter the numbers of the precincts you want to include.
You can type the precincts if you know them, or you can click **Precincts** to open the following window and select the precincts.

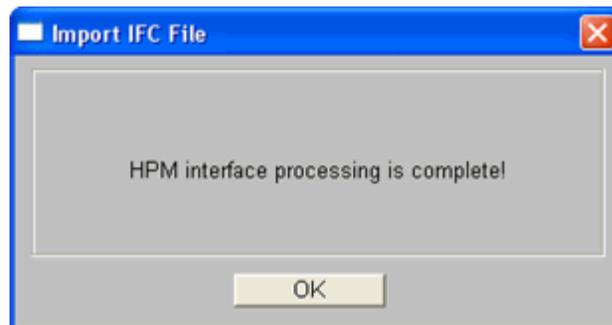
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission



5. Click **OK**.



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Part 4: Set Tabulator Controls Menu

Part 4 contains information about the following topics.

- ❖ Chapter 12: Jurisdiction
- ❖ Chapter 13: Election Specification
- ❖ Chapter 14: Certification

NOTICE OF UNCERTIFIED FUNCTIONALITY

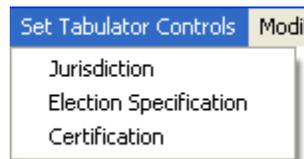
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 12: Jurisdiction

A Jurisdiction Master must be created or copied for each election. A jurisdiction title and the state code are entered first on this screen. The jurisdiction title is used by the system as the heading on the printed HPM reports. The state entry is used by the system to identify special state voting regulations. The Equipment Type, System Type, and District Code entries are all critical pieces of information. Users may supply their own *vote for* text. The majority of this information is completed during the IFC import.



1. From the Set Tabulator Controls menu, select **Jurisdiction**.

2. In the **Jurisdiction Title** box, type the name of the jurisdiction that is responsible for running this election. This title will print at the top of all HPM reports.
3. From the **State** list, select the two-character code that identifies your state or province.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

4. If your state is one that uses county codes, the **County Code** box will be active. Enter the county code here.
5. From the **Tabulator** list, select the type of equipment (System Type) you are using to count votes.
 - Select **Votronic/iVotronic** if you are using iVotronic equipment. If you are using iVotronic with a paper-based system, select **Model 100/200/150/550/650**.
 - Select **Model 100/200/150/550/650** if you are using the Model 100, DS200, or the Model 650.
 - Do not select **OPTECH III-P Eagle/IV-C** because it is no longer available.



NOTE: The tabulator option that you select in the **Tabulator** list on the Change Jurisdiction Master window will determine the options that appear in the **Tabulator** field of the Load Memory Device With Parameters window.

6. From the **System Type** list, select from the options listed below.
 - Select **Central Count** if you will use only the Model 650 central count tabulator.
 - • Select **Precinct Count** if you will use iVotronic terminals, the DS200 or the Model 100 only.
 - • Select **Both** if you will use both the Model 100 or DS200 and the Model 650, with or without iVotronic terminals.
 - • Select **Mixed Mode** if you want the system to create a subset election for counting absentees and reporting in ERM as a single precinct.



NOTE: The HPM Mixed Mode System Type is used when ballots are printed with the ballot Sequence code being used to identify the ballot style AND it is desired to tabulate absentee ballots on an M650. without the use of headers (in Mixed Mode) and report these results in a single absentee precinct in ERM. When this setting is used and the Final Database is created in HPM, an extra set of files is created for the M650 to be used for absentee tabulation where the file name has AB as the last two positions of the election name. See [Load the Zip Disk with M650 Mixed Mode Parameters](#) section in [Chapter 23:Load Memory Device With Parameters](#)

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) •iVotronic DRE •Model 100 •Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) •All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

If your equipment is ...	Set the Tabulator to...	and the System Type to...
DS200 or Model 100 and Model 650	Model 100/200/150/550/650	Both
M100	Model 100/200/150/550/650	Precinct Count
Model 650	Model 100/200/150/550/650	Central Count
DS200	Model 100/200/150/550/650	Precinct Count
iVotronic	iVotronic	Precinct Count
iVotronic with 650	Model 100/200/150/550/650	Central Count
iVotronic with Model 100 or DS200	Model 100/200/150/550/650	Precinct Count

7. From the **Vote for Selection** list, select the code describing when you want the *Vote for* information to appear on the tabulator results tapes/reports and ERM reports.

- **All** - For all contests
- **Except Special** - For all contests except questions

In order to use the **Except Special** option, the **Special Contests** check box on the Election Specifications window must be selected, and the **Special Types** field on the **Contest and Candidate** screen must be set to **Q** for any question, referenda or other contest for which you do not want any *Vote for* text to print. The *Vote for* text will then be created according to your specifications when you create the final database and will print on the tapes/reports.

- **Multiple Vote for** - For multiple vote contests only (default)

8. From the **Vote for Sequence**, select the option describing when you want the number of votes allowed to print in relation to the specified *Vote for* text.

- Select **After** if you want the number to print after the text, for example, *Vote for 4. After* is the default.
- Select **Before** if you want the number to print before the text, for example, *4 Votes Allowed*

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



NOTE: If this field contains the (" ") symbols, delete them. Otherwise the tapes and reports will show (Vote for)#.

9. In the **Vote for Text** box, type the text that you want to use with the number of votes allowed (for example, Vote for, Vote for No More Than, Elect, To be elected).
10. Click the **Edit District Codes** button to open the Districts window where you can enter or change the three-character codes identifying all types of districts that overlap your jurisdiction (for example, SEN or CNG). The codes that appear in this window are imported from Election Data Manager.

Code	Title	Code	Title
CNG	Congressional	LEG	Legislative
TWP	Township	CCL	City Council

OK Cancel

11. In the **Title** box, type the title that describes each three-character district code entered in the **Districts** window from the Change Jurisdiction Master window (for example, Senatorial or Congressional).



NOTE: If you will print the Jurisdiction Canvass in Election Reporting Manager, enter the title of each code as you would like it to appear on your report.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

Chapter 13: Election Specification

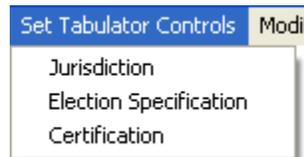
The information entered on this screen is used by the system throughout Hardware Programming Manager to determine the proper creation of tabulator and ERM files. Input required by the system is based on this information. This screen varies according to which equipment code you entered on the Change Jurisdiction Master window.

In order to obtain the correct Election Specification window, you must first select the proper tabulator on the Change Jurisdiction Master window.



Refer to [Chapter 12: Jurisdiction](#) for information about the Change Jurisdiction Master window.

Model 100, 650 or DS200



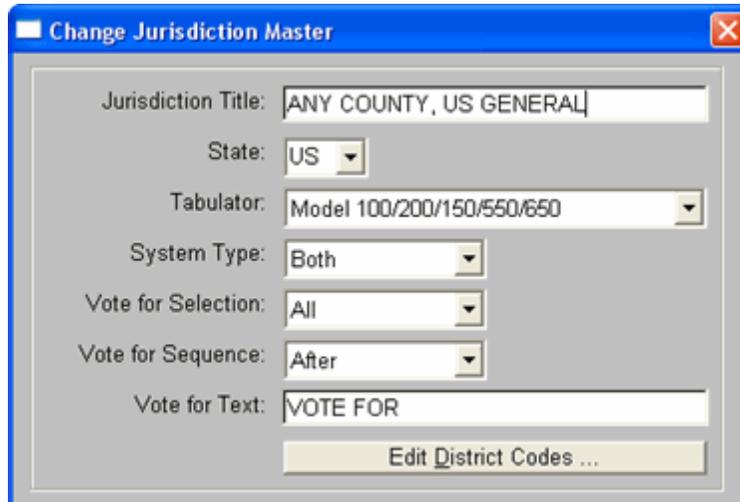
1. From the Set Tabulator Controls menu, select **Jurisdiction** to open the Change Jurisdiction window.

NOTICE OF UNCERTIFIED FUNCTIONALITY

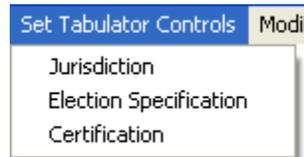
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



2. Select **Model 100/200/150/550/650** from the **Tabulator** list. Click **OK**.



3. From the Set Tabulator Controls menu, select **Election Specification**. The Election Specification window appears.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

Election Information

Election Type: **General (contains partisan candidates)**

Election Title: 2006 GENERAL ELECTION

Election Date: December 05 2010

Special Contests Partisan Ballot Type:

Rotation Cross-Over Type:

Print Candidates in Vote Order

Polling Place Mode

One Sided Ballot

Ballot Information

Ballot Format: 14" - 36 targets per column

Header ID: Precinct ID/None

Target Side: Left Right

Target Shape: Oval Arrow

Precinct Tabulator

M100 DS200

Types Description/Include in Total Voting?

Description	Description	Description	Description	Description
1: PAGE1 <input checked="" type="checkbox"/> Include	2: PAGE2 <input type="checkbox"/> Include	3: <input type="checkbox"/> Include	4: <input type="checkbox"/> Include	5: <input type="checkbox"/> Include
6: <input type="checkbox"/> Include	7: <input type="checkbox"/> Include	8: <input type="checkbox"/> Include	9: <input type="checkbox"/> Include	10: <input type="checkbox"/> Include
11: <input type="checkbox"/> Include	12: <input type="checkbox"/> Include	13: <input type="checkbox"/> Include	14: <input type="checkbox"/> Include	15: <input type="checkbox"/> Include
16: <input type="checkbox"/> Include	17: <input type="checkbox"/> Include	18: <input type="checkbox"/> Include	19: <input type="checkbox"/> Include	20: <input type="checkbox"/> Include
21: <input type="checkbox"/> Include	22: <input type="checkbox"/> Include	23: <input type="checkbox"/> Include	24: <input type="checkbox"/> Include	25: <input type="checkbox"/> Include
26: <input type="checkbox"/> Include	27: <input type="checkbox"/> Include	28: <input type="checkbox"/> Include	29: <input type="checkbox"/> Include	30: <input type="checkbox"/> Include

Model 100/200 Scanner Options... Model 150/550/650 Scanner Options...

OK Cancel Apply

4. Select the type of election from the **Election Type** list.

- **Closed Primary** – Only the contests for a given party appear on a ballot. All ballots may contain nonpartisan races. The voter either is registered to a specific party before the election or declares party affiliation upon obtaining a ballot. A primary election must contain partisan candidates.
- **General (contains partisan candidates)** – Contains candidates from all political parties, as well as nonpartisan candidates. May contain straight party voting as well, where a vote for the party implies a vote for all respective party candidates.
- **Nonpartisan (not a Primary or a General)** – A special election that does not contain candidates from any political parties.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

- **Open Primary with Party Preference** – A Party Preference contest with the list of political parties appears first on the ballot, followed by contests for each of those parties. A voter must select a party and is then limited to voting for candidates of that party only. The Party Preference contest must be named Party Preference in order for HPM and the Model 100 tabulator to work properly. You can use additional text to place a different name on the paper ballot, but the HPM contest name must be Party Preference.

If there are crossover votes, only the votes cast for candidates of the selected party preference will be counted. A primary election must contain partisan candidates but may also contain nonpartisan contests.



NOTE: In any Open Primary, a Crossover Party must be added to the HPM Political Party Master. It should be assigned the next available device code following parties running in the election. This requirement is necessary for the Model 100 and DS200 to properly determine a cross voted ballot.

- **Open Primary without Party Preference** – Voters are allowed to vote for candidates in either party without publicly declaring their party. However, any crossover votes will negate the entire partisan section of the ballot. The ballot may also contain nonpartisan races. A primary election must contain partisan candidates.



NOTE: In any Open Primary, a Crossover Party must be added to the HPM Political Party Master. It should be assigned the next available device code following parties running in the election. This requirement is necessary for the Model 100 and DS200 to properly determine a cross voted ballot.

5. In the **Election Title** box, enter the name of this election. This name will print on the Model 100 and DS200 results tapes and M650 reports.
6. Enter the date that this election will be held in the **Election Date** lists.
7. Select the **Special Contests** check box if your state law requires you to use a special contest.
8. Select the **Rotation** check box if any contests require rotation.
9. Select the **Print Candidates in Vote Order** check box if you want to print the candidates in descending order by the number of votes received on your Election Reporting Manager reports. Be sure that this box is cleared if you want the candidates to print in home rotation order.
10. Select the **Polling Place Mode** check box if you are placing multiple precincts in a single PC card or if you are using iVotronic equipment.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission



Refer to the [Change Polling Place](#) heading in [Chapter 16: Polling Places](#) for more information about using the Polling Place Mode.

11. Select the **One Sided Ballot** check box if all ballots are single-sided.
12. From the **Ballot Format** list, select the ballot size and number of targets that your ballots can accommodate.
 - 11-inch ballot with 36 targets per column
 - 14-inch ballot with 36 targets per column (standard 14)
 - 14-inch ballot with 41 targets per column
 - 14-inch ballot with 41 targets per column (Header)
 - 14-inch ballot with 48 targets per column
 - 17-inch ballot with 41 targets per column (standard 17)
 - 17-inch ballot with 45 targets per column
 - 17-inch ballot with 60 targets per column
 - 19-inch ballot with 51 targets per column (standard 19)
 - 19-inch ballot with 68 targets per column
 - L 11-inch ballot with 31 targets per column – currently not available
 - L 11-inch ballot with 38 targets per column – currently not available
 - L 11-inch ballot with 50 targets per column – currently not available
 - L 14-inch ballot with 41 targets per column – currently not available
 - L 14-inch ballot with 48 targets per column – currently not available
 - L 14-inch ballot with 50 targets per column – currently not available
 - L 14-inch ballot with 65 targets per column – currently not available
 - L 17-inch ballot with 50 targets per column – currently not available
 - L 17-inch ballot with 62 targets per column – currently not available
 - L 17-inch ballot with 81 targets per column – currently not available
 - L 19-inch ballot with 56 targets per column – currently not available
 - L 19-inch ballot with 70 targets per column
 - L 19-inch ballot with 90 targets per column – currently not available

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

13. In the **Header ID** area, indicate if your ballots are printed with **Precinct ID** or with **Ballot Style ID**.
14. Under **Target Side** select whether the voting target is on the right or left side of the candidate name.
15. Under **Target Shape** select whether the target is ovals or arrows.
16. In the **Partisan Ballot Type** box, enter the type code of the first partisan ballot. This is calculated by subtracting 10 from the first number in the ballot channel. (The Partisan Ballot Type is usually 1.) This option is available only for an Open Primary.
17. In the **Cross-over Type** box, enter the number from the **Types Description/Include in Total Voting** box that is associated with the Cross-over party. The Cross-over party itself must be defined on the Political party Master (usually XVR party). This option is available only for an Open Primary.
18. The options under the Precinct Tabulators heading are available only if you selected **Both** or **Precinct Type** as the System Type on the Change Jurisdiction Master window. If the options under the Precinct Tabulators heading are available, select **M100** if precincts will use Model 100s for this election, or select **DS200** if precincts will use DS200s for this election.
19. In the **Types Description/Include in Total Voting** area, enter the counters for which to keep statistics. In a Primary these are the party codes (DEM, REP, etc.). Parties entered on this screen must be entered in exactly the same order that they were entered on the Political Party Master screen.



Refer to [Chapter 18: Political Parties](#) for more information about the Political Party Master screen.

In addition, the ballot type code must be in the same order that it was entered. If the election contains only nonpartisan ballots enter **ALL**. Select the **Include** check box beside each counter you want to activate. At least one Type Description must be defined and activated on this screen. This field controls the Total Voters on the Model 100 display and the Ballot Types and Total Ballots on the report printout.

Buttons Available on the Election Specification Window

Use this button...	To perform this action...
OK	Save the information you have entered and return to the main screen.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Buttons Available on the Election Specification

Use this button...	To perform this action...
Cancel	Clear all information you have entered and return to the main screen.
Apply	Save the information you have entered or changed and remain on the Election Specification window.

Model 100 and DS200 Scanner Options

If your election will use the Model 100 or DS200 tabulators, click **Model 100/200 Scanner Options** at the Election Specification screen to open the Model 100/200 Scanner Options window.

Model 100/200 Scanner Options

Ballot Control

Overvoted Ballots: Query Unreadable Marks: Reject

Blank Ballots: Query Cross-Voted Ballots:

Ballot Diverter Installed

Divert Overvoted Write-ins

Divert Blank Ballots

Unit Control

M100 Password: 000

Reopen Polls: Query

Host Password: 00005657

Host Phone Number: 000555121N

Poll Close

Number of Report Copies: 1

Auto Transmit Results:

Print Audit Log:

Report Control

Allow Results Tape

Include iVo Results

Report Format

Media

Summary

Report Level

Poll

Precinct

Print Candidates in B/P Order

Zero Report Directory: \ELEC\DATA\

Zero Report Filename: ZERO.TXT

Cert Report Directory: \ELEC\DATA\

Cert Report Filename: CERT.TXT

DS200 Scanner Options... OK Cancel Apply

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

Ballot Control Heading

1. From the **Over Voted Ballots** list, select how you want the tabulator to handle over-voted ballots.
 - **Accept** – Unconditionally accept ballot
 - **Query** – Ask the voter to accept or reject the ballot
 - **Reject** – Unconditionally reject the ballot



If the state code is set to FL, and a voter overvotes an office, the office title will not appear on the DS200 when the **Over Voted Ballots** list is set to **Query**.

2. From the **Blank Ballots** list, select how you want the tabulator to handle blank ballots.
 - **Accept** – Unconditionally accept ballot
 - **Query** – Ask the voter to accept or reject the ballot
 - **Reject** – Unconditionally reject the ballot
3. The **Cross-Voted Ballots** option is available only in an open primary. If the **Cross-Voted Ballots** option is available, select how you want the tabulator to handle cross-voted ballots.
 - **Accept** – Unconditionally accept ballot
 - **Query** – Ask the voter to accept or reject the ballot
 - **Reject** – Unconditionally reject the ballot
4. From the **Unreadable Marks** list, select how you want the tabulator to handle marks on the ballot that it cannot read.
 - **Accept** – Unconditionally accept ballot
 - **Query** – Ask the voter to accept or reject the ballot
 - **Reject** – Unconditionally reject the ballot
5. Select the **Diverter Installed** check box if blank ballots are to be diverted to the write-in bin. Be sure this box is cleared if a ballot diversion unit is not installed.
6. Select the **Divert Blank Ballots to Write-in Bin** box if ballots are to be diverted to a separate write-in bin.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

7. Select the **Print Candidates in Vote Order** check box if you want Election Reporting Manager reports to print the candidates in descending order by the number of votes received. Be sure that this box is cleared if you want the candidates to print in home rotation order.

Unit Control Heading

1. From the **Reopen Polls** list, select what you want the tabulator to do when Reopen Polls is selected.
 - **No** – Do not allow zeroing of totals
 - **Query** – Ask the poll worker whether to zero results
2. In the **M100 Password** box, enter a valid three-digit password that will enable you to reopen the PCMCIA card after the polls have been closed. This is required if the M100 was selected as the Precinct Tabulator on the Election Specification screen.
3. In the **Host Password** box, enter the communications password to be used by the Model 100 when results are to be transferred electronically by modem.
The communications password can be up to eight characters, and must match the password in Data Acquisition Manager.
4. In the **Host Phone Number** box, enter the telephone number or IP address that the Model 100 will use when the results are to be transferred electronically by modem.



NOTE: Electronic Transmissions via modem for the DS200 is not available.

If you are using TCP or digital cell phone, you must enter an uppercase **C** before the telephone number. If you are using a GPRS wireless modem, you must enter an uppercase **G** before the IP address.

Poll Close

1. From the **Number of Report Copies** list, select the number of copies of the report you want to print.
2. Select the **Auto Transmit Results** check box to transmit the results automatically when the polls close.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

3. Select the **Print Audit Log** check box if you want the Log report to print at the end of the results tape. If you choose not to have it print automatically, you can use the tabulator menu to go back and print it later.

Report Control

Use the options under the **Report Control** heading to select the names of the reports that you want to create, and the file directory location of the reports.

1. Before you identify the report names and directories, create the files for the certification text that you want to print on the Model 100 and DS200 tapes.



Refer to the [Certification Text for the Model 100 and DS200 Tapes](#) heading in [Chapter 14: Certification](#) for instructions about how to create certification text for Model 100 tapes.

2. Select the **Allow Results Tape** check box to allow the results tape to print on the Model 100 and DS200 when the polls close.
3. Select the **Include iVo results** checkbox if you transfer iVotronic results to the Model 100 via PEB Reader.
4. In the **Report Format** frame, choose whether you want to show overvotes and undervotes on the reports. This option is active only if you selected **Allow Results Tape**.
 - Select **Media** if you do not want to show overvotes or undervotes.
 - Select **Summary** if you do not want to show overvotes and undervotes.
5. In the Report Level frame, choose whether you want to print results by precinct or a summary of precincts in each polling place. This option is active only if you selected **Allow Results Tape**.
 - Select **Poll** to print a summary of the precincts in each polling place.
 - Select **Precinct** to print the report by precinct.

If you select this option, you can select the **Print Candidates in B/P Order** option.
6. From the **Zero Report Directory** list, select the directory where the Zero report is located.
7. From the **Zero Report Filename** list, select the name of the Zero report.
8. From the **Cert Report Directory** list, select the directory where the Certification report is located.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

9. From the **Cert Report Filename** list, select the name of the Certification report.
10. If you selected the **DS200** checkbox under the Precinct Tabulator heading on the Election Specification window, the **DS200 Scanner Options** button is available. Click **DS200 Scanner options** to open the DS200 Scanner Options window.

DS200 Scanner Options

Enter information on this window if the DS200 is being used in this election. This window contains password, language and ballot image information for use with the DS200.

1. In the **Admin Menu** box, enter the password you want poll workers in your jurisdiction to use to open the Admin Menu on the DS200. The password must be at least 8 characters and letters and/or numbers only.
2. In the **Reopen Polls** box, enter the password you want poll workers in your jurisdiction to use to reopen the polls, if poll workers are allowed to reopen the polls after they are closed. The password must be at least 8 characters and letters and/or numbers only.
3. Under the Language Selection heading, click **Spanish** or **Creole** if you want those languages to be available, in addition to the default language of English, on the DS200s in your jurisdiction. If you do not select either Spanish or Creole, English is the only language that will appear on the DS200.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

4. Under the Ballot Images heading, select the ballot images that you want the DS200 to save on the USB flash drive.
 - **Save All Ballot Images** saves images of every ballot the DS200 scans. This is the default.
 - **Save Only Ballot Images With Write-Ins** if you want to save only the images of ballots that contain write-in votes. If you select this option, images of ballots that do not have write-in votes will not be saved on the DS200.
 - **Do Not Save Any Ballot Images** if you do not want the DS200 to save images of any ballots it scans.
5. Click **Apply** to apply the new DS200 settings.
6. Click **OK** to return to the Model 100/200 Scanner Options screen.

Buttons Available on the Model 100/200 Scanner Options Window

Use this button...	To perform this action...
OK	Save the information you have entered and return to the Election Specification screen.
Cancel	Clear all information you have entered and return to the Election Specification screen.
Apply	Save the information you have entered or changed and remain on the Model 100/200 Scanner Options window.

NOTICE OF UNCERTIFIED FUNCTIONALITY

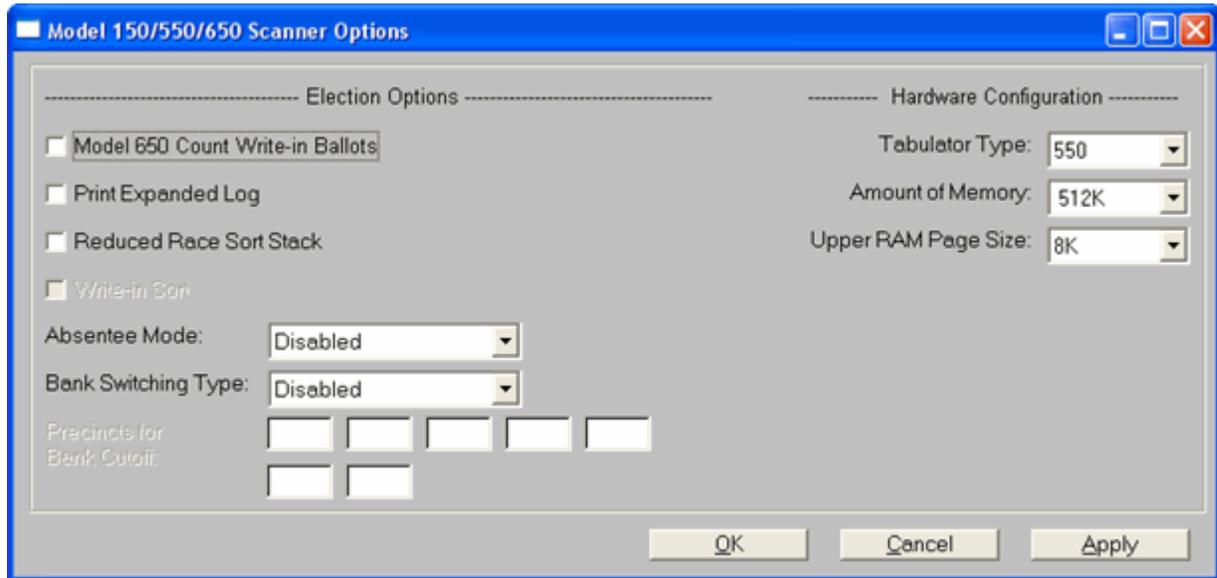
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ● iVotronic DRE ● Model 100 ● Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ● All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Model 150/550/650 Scanner Options

If your election will use Model 650 scanners, click the **Model 150/550/650 Scanner Options** button to open the Model 150/550/650 Scanner Options window.



Election Options

1. Select the **Model 650 Count Write-in Ballots** check box if you want the scanner to count all ballots, including ones with write-ins, if the Sort Write-in option on the Model 650 is enabled.

Clear this check box if you do not want to count ballots with write-ins. If the Sort Write-in option on the Model 650 is enabled, nothing on the ballot will be tabulated. To count the ballot, you must run it through with the Sort Write-in option disabled on the Model 650 control panel.

If the Sort Write-in option on the 650 is disabled, all ballots regardless of write-ins, and regardless of your setting in the Model 650 Count Write-in Ballots checkbox, will be counted.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

2. Select the **Print Expanded Log** check box if you want to include the ballot count information on the Model 650 printout. If the **Print Expanded Log** option is selected, the total number of ballots counted in each batch and the total number of ballots counted so far will print whenever the **Stop** button is pressed or whenever the hopper is empty. If the box is not selected, the ballot totals will not print on the log report.
3. Select the **Reduced Race Sort Stack** check box if you want to use the reduced stack option, which allows that the maximum number of candidates that can be sorted in a contest is 83, allowing more memory for the grand totals that are also stored in the low address RAM. Leave this check box unselected if you want the maximum number of candidates that can be sorted in a contest to be 246.



NOTE: The **Write-in Sort** check box is no longer available.

4. From the **Absentee Mode** list, select how you want to handle absentee ballots.
 - **Disabled** – Indicates that all absentee ballots are combined with the results from election day
 - **Single Block** – Indicates that a single absentee counter block is set up to accumulate all absentee ballots
 - **Duplicate Block** – Indicates that a duplicate set of precincts is set up in the election definition and absentee ballots are accumulated based on election day

Hardware Configuration

1. From the **Tabulator Type** list, select the type of tabulator you are using.
2. From the **Amount of Memory** list, select the amount of upper RAM memory that is required to store the precinct-by-precinct results for the defined election. Valid options are: **256**, **512**, **1024**, and **1536**.
3. From the **Upper RAM Page Size** list, select **8** to break up the Upper RAM address space into 8K pages or **16** to break up the Upper RAM into 16K pages.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Buttons Available on the Model 150/550/650 Scanner Options Window

Use this button...	To perform this action...
OK	Save the information you have entered and return to the Election Specification screen.
Cancel	Clear all information you have entered and return to the Election Specification screen.
Apply	Save the information you have entered or changed and remain on the Model 150/550/650 Scanner Options window.

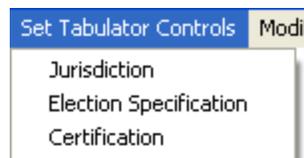
iVotronic



1. From the Set Tabulator Controls menu, select **Jurisdiction** to open the Change Jurisdiction window.
2. Select **Votronic/iVotronic** from the **Tabulator** list. Click **OK**.



NOTE: Select **Votronic/iVotronic** only if your election is iVotronic only. If you will use iVotronic terminals in combination with paper ballots, select **Model 100/200/150/550/650** from the **Tabulator** list.



3. From the Set Tabulator Controls menu, select **Election Specification**. The Election Specification window appears.

When using the iVotronic equipment, only two options are available to use: the **Election Type** and the **Polling Place Mode** check box.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

4. Select the type of election from the **Election Type** list.

- **Closed Primary** – Only the contests for a given party appear on a ballot. All ballots may contain nonpartisan races. The voter either is registered to a specific party before the election or declares party affiliation upon obtaining a ballot. A primary election must contain partisan candidates.
- **General (contains partisan candidates)** – Contains candidates from all political parties, as well as nonpartisan candidates. May contain straight party voting as well, where a vote for the party implies a vote for all respective party candidates.
- **Nonpartisan (not a Primary or a General)** – A special election that does not contain candidates from any political parties.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

- **Open Primary with Party Preference** – A Party Preference contest with the list of political parties appears first on the ballot, followed by contests for each of those parties. A voter must select a party and is then limited to voting for candidates of that party only. The Party Preference contest must be named Party Preference in order for HPM and the Model 100 tabulator to work properly. You can use additional text to place a different name on the paper ballot, but the HPM contest name must be Party Preference.

If there are crossover votes, only the votes cast for candidates of the selected party preference will be counted. A primary election must contain partisan candidates but may also contain nonpartisan contests.



NOTE: In any Open Primary, a Crossover Party must be added to the HPM Political Party Master. It should be assigned the next available device code following parties running in the election. This requirement is necessary for the Model 100 and DS200 to properly determine a cross voted ballot.

- **Open Primary without Party Preference** – Voters are allowed to vote for candidates in either party without publicly declaring their party. However, any crossover votes will negate the entire partisan section of the ballot. The ballot may also contain nonpartisan races. A primary election must contain partisan candidates.



NOTE: In any Open Primary, a Crossover Party must be added to the HPM Political Party Master. It should be assigned the next available device code following parties running in the election. This requirement is necessary for the Model 100 and DS200 to properly determine a cross voted ballot.

5. Select the **Polling Place Mode** check box if you are placing multiple precincts in a single PC card or if you are using iVotronic equipment.

Buttons Available on the Election Specification Window

Use this button...	To perform this action...
OK	Save the information you have entered and return to the main screen.
Cancel	Clear all information you have entered and return to the main screen.
Apply	Save the information you have entered or changed and remain on the Election Specification window.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

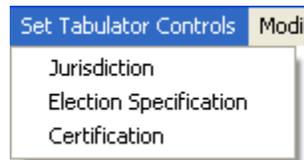
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 14: Certification

Use the Certification option to enter the text you want to print on the reports and tapes, if applicable. The heading text will print at the top of the report and the certification text will print at the end of the report. The screen will vary depending on which equipment type you are using.

Model 100 and DS200

Create the headings and certification text that will appear on reports and Model 100 and DS200 tapes.



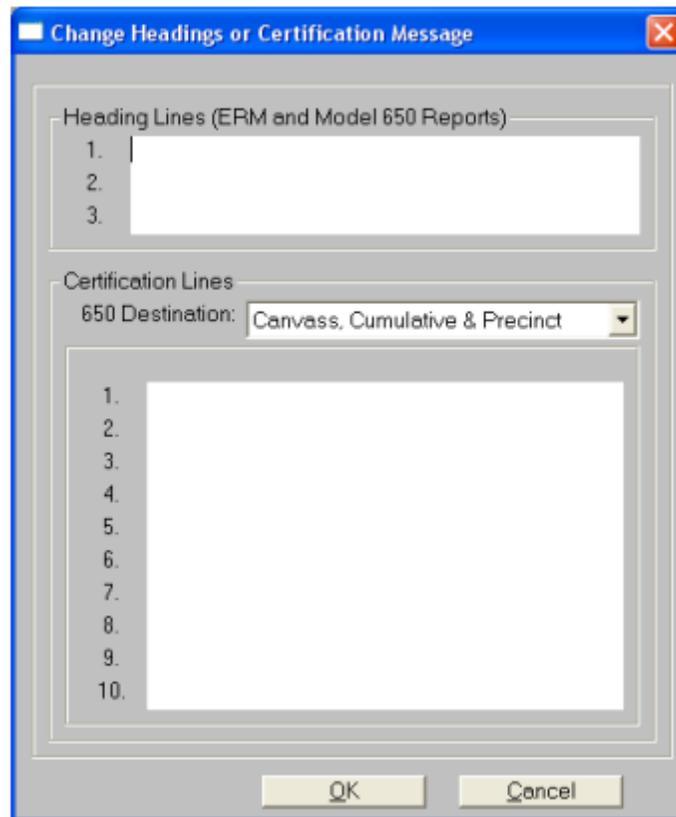
1. From the Set Tabulator Controls menu, select **Certification**. The Change Headings or Certification Message window appears.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



2. Type the text you want for the heading (three lines maximum). This text will print at the top of the ERM and Model 650 reports.
3. From the **650 Destination** list, select the type of report(s) on which you want the certification text to print.

The following options are available.

- Canvass, Cumulative & Precinct
- Canvass & Precinct
- Canvass & Cumulative
- Canvass
- Cumulative & Precinct
- Precinct
- Cumulative
- None

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

The certification text will print at the bottom of those selected Model 650 reports and be available to print on ERM reports.

4. Type the entire certification message to print and (60 lines maximum).

To print a line for the election officials to sign on, hold down the SHIFT key and press the 6 key repeatedly.

Certification Text for the Model 100 and DS200 Tapes

1. You must also create files for the certification text that you want to print on the device tape. In Wordpad, Notepad or another text editor, create a text file that contains the certification information that will print on the Zero report. Give the file a meaningful name with the extension .TXT (for example, CERT.TXT), and save it to the \ELECDATA directory or the \<election name> directory.



NOTE: Each line of the text file cannot exceed 40 characters.

2. In WordPad, Notepad or the text editor, create a text file that contains the certification information that will print on the Certification report. Give the file a meaningful name with the extension .TXT (for example, ZERO.TXT), and save it to the \ELECDATA directory.

iVotronic Equipment

iVotronic equipment does not require you to create a certification message, but you can still create the heading lines for your reports.



1. From the Set Tabulator Controls menu, select **Certification**. The Change Headings or Certification Message window appears.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

The screenshot shows a dialog box titled "Change Headings or Certification Message". It is divided into two main sections. The first section, "Heading Lines (ERM and Model 650 Reports)", contains three numbered input lines (1, 2, 3). The second section, "Certification Lines", features a dropdown menu for "650 Destination" currently set to "Canvass, Cumulative & Precinct", followed by ten numbered input lines (1 through 10). At the bottom of the dialog are "OK" and "Cancel" buttons.

2. Enter whatever text you want to print at the top of the ERM reports (three lines maximum). The certification text will be available to print at the bottom of ERM reports.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Part 5: Modify Election Definition Menu

Part 5 contains information about the following topics.

- ❖ Chapter 15: Precincts
- ❖ Chapter 16: Polling Places
- ❖ Chapter 17: Districts
- ❖ Chapter 18: Political Parties
- ❖ Chapter 19: Contests
- ❖ Chapter 20: Ballot Styles

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

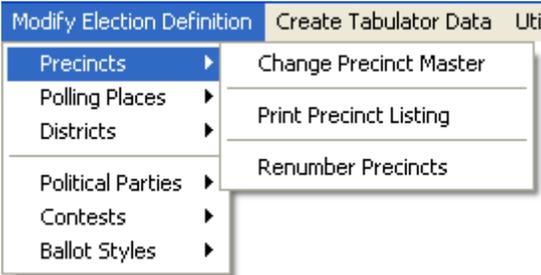
- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

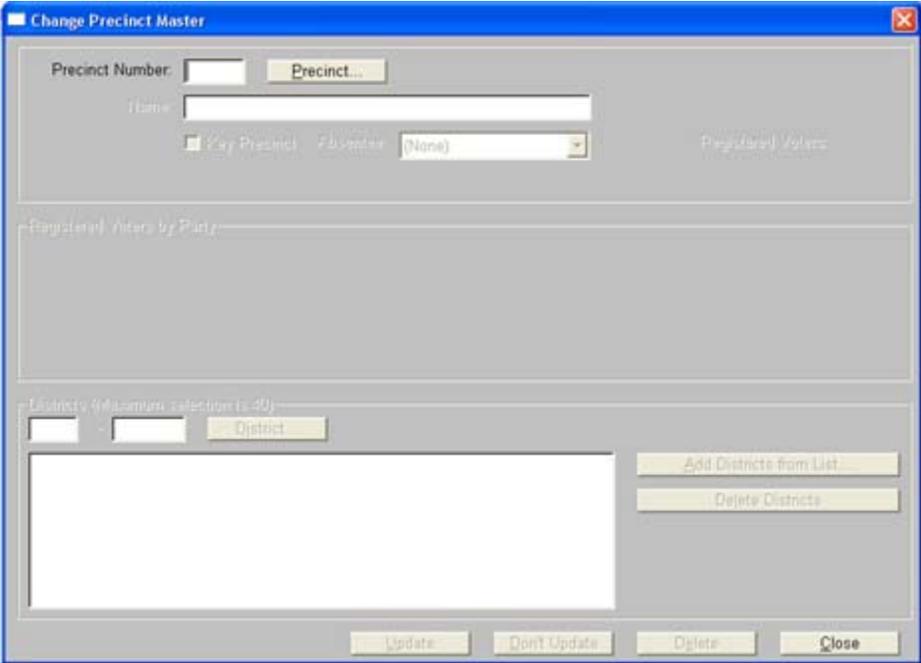
Chapter 15: Precincts

Use this option to verify that all precinct names and numbers are correct. If necessary, you can add all precinct information with this option. At the very least, the precinct numbers and names **must** be entered for each precinct in your jurisdiction.

Change Precinct Master



1. From the Modify Election Definition menu, point to **Precincts**, and select **Change Precinct Master**.



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

2. In the **Precinct Number** box, enter the precinct number using up to four digits or click **Precincts...** and select it from the list, and press ENTER.

Do not use any hyphens, parentheses or spaces in this field.

3. In the **Name** box, type the precinct name as you want it to appear on screens and reports or select it from the list, and press ENTER.

You may use up to 30 alphanumeric characters.

4. Select the **Key Precinct** check box if you want to have the ability in Election Reporting Manager (ERM) to print the key precincts automatically as they are counted.

If a precinct is flagged as key, the ERM reports for that precinct are prioritized.

5. From the **Absentee** list, choose the applicable absentee type if this precinct is to be designated as an absentee precinct. Select one of the following:

- None - will not be flagged as an absentee precinct.
- Absentee Precinct - precincts flagged as absentee are not included in the count of Regular precincts on either the M650 or in ERM.
- VTR/100/200 Electionwide – use this option for a precinct containing all ballot styles



NOTE: Precincts designated as **VTR/100/200 Electionwide** will be omitted from the final database files created for the 650.



NOTE: Absentee precincts are not included in the number of total precincts counted on the Model 650 reports. If you want to include this precinct in the precincts counted total, do not designate it as an absentee precinct here. When you define it in the precinct section, you can use Absentee precinct as the precinct name.



Warning: When running ballots in Mixed Mode (without headers) the ballot sequence code must match the Precinct ID code of the precinct it is used in when using M650 firmware version 2.2. If they do not match and you don't want to use headers, you can renumber your precincts in HPM if iVotronics are not included in your voting system.

If the iVotronic is being used and the precinct ID codes do not match the ballot sequence codes, to avoid using headers precincts must be renumbered in EDM.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

6. If you selected the **Registered Voters** check box on the Political Party Master, the political party boxes will be available in the Party Voters area. Enter the total number of registered voters and/or the totals of registered voters by party if the parties were defined. Each field will hold up to five digits. The total number of voters in this precinct will then appear in the Registered Voters area of the screen.



NOTE: If you used a previous election to build the new election and did not reset precincts, any previously entered district codes and numbers will display on the second half of the screen. You may change or delete districts here by using the Add Districts from List or Delete Districts buttons.

7. If the districts already exist, click the **Add Districts from List** button to select the districts and codes tied to this precinct. If the districts do not exist, click the **District** button and select the district code you want to add, manually enter the number, and then press ENTER to move it into the white box.

Buttons Available on the Change Precinct Master Window

Use this button...	To perform this action...
District	Select a district code.
Add Districts from List	Select a district code and number from the list
Delete Districts	Delete the selected district(s) from the Districts list box.
Update	Save the information you have entered and return to the Precinct Number box.
Don't Update	Clear all information you have entered and return to the Precinct Number box.
Delete	Delete the entire precinct and return to the Precinct Number box.
Close	Return to the main menu

Print Precinct Listing

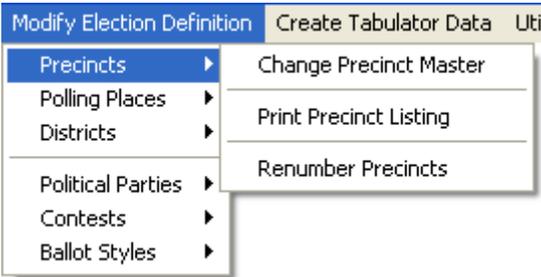
This option lists all precincts, or only those in a specific district, along with a choice of additional information as indicated. At the end of the report, a line prints that indicates the total number of precincts.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

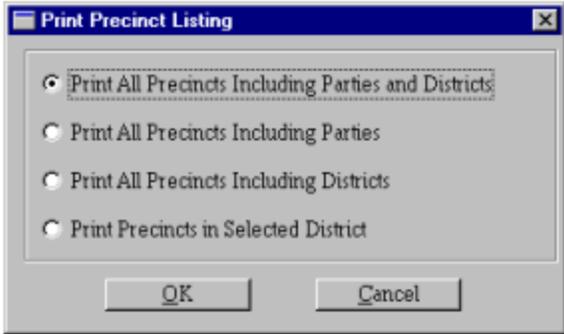
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



1. From the Modify Election Definition menu, point to **Precincts**, and select **Print Precinct Listing**. The Print Precinct Listing window appears.

 **NOTE:** The options that appear on the Print Precinct Listing window vary, depending on whether you are keeping voter registration statistics by party and depending on whether this is a primary or other election.

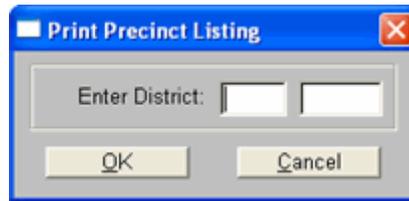


2. Select the precinct printing option.
 - Select **Print All Precincts Including Parties and Districts**. Go to step 5.
 - Select **Print All Precincts Including Parties**. Go to step 5.
 - Select **Print All Precincts Including Districts**. Go to step 5.
 - Select **Print Precincts in Selected District**. Go to step 3.
3. If you selected **Print Precincts in Selected District**, the following window appears. Enter the district code and number you want to print and click **OK**.

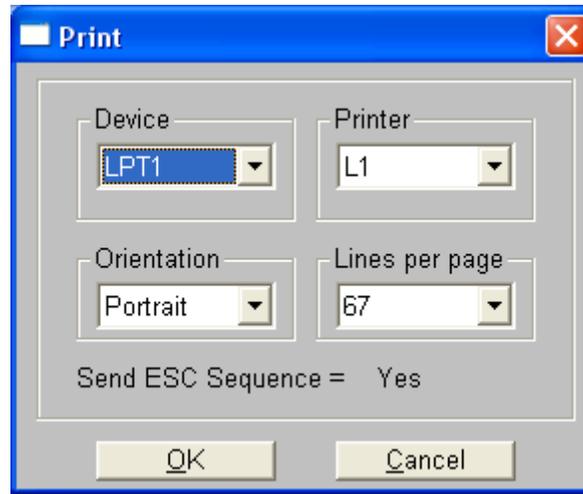
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) •iVotronic DRE •Model 100 •Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) •All functions related to network data transmission



4. Click **OK**. The Print window appears.



5. From the **Device** list, select where the report will print.
 - Select **Disk** to print the report to the hard disk drive.
 - Select **LPT1**, **LPT2** or **LPT3** to print the report to the printer hooked up to a parallel port.
 - Select **COM1**, **COM2** to print the report to the printer hooked up on a serial port.
6. From the **Printer** list, select **L1**, **L2**, or **L3** for the correct laser printer or select **P1**, **P2**, or **P3** for the correct line printer.
 If you select **L1**, **L2**, or **L3**, continue with steps 7 and 8. If you select **P1**, **P2**, or **P3**, skip to step 11.

Laser Printer

7. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select an option from the **Orientation** list.
 - Select **Portrait** to print in 8.5" x 11" mode

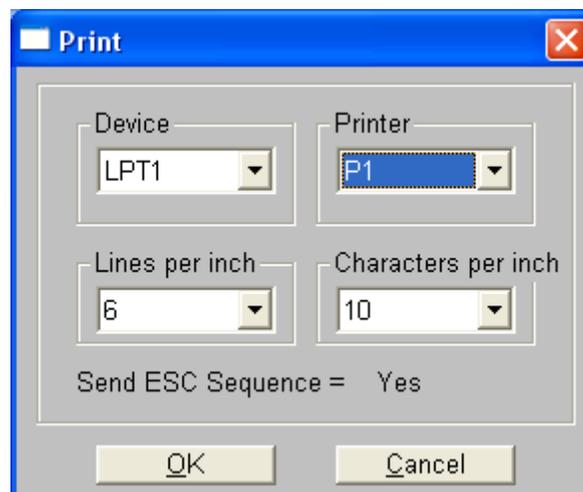
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

- Select **Landscape** to print in 11" x 8.5" mode.
8. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select the number of lines to print per page from the **Lines per page** list
 - Select **59**, **67**, **79**, **96**, or **118** if you selected **Portrait** from the **Orientation** list.
 - Select **44**, **50**, **59**, **70** or **89** if you selected **Landscape** from the **Orientation** list.
 9. Skip to step 12.

Line Printer



10. From the **Lines per inch** list, choose to print **6** or **8** lines per inch.
11. From the **Characters per inch** list, select to print **10** or **16** characters per inch.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

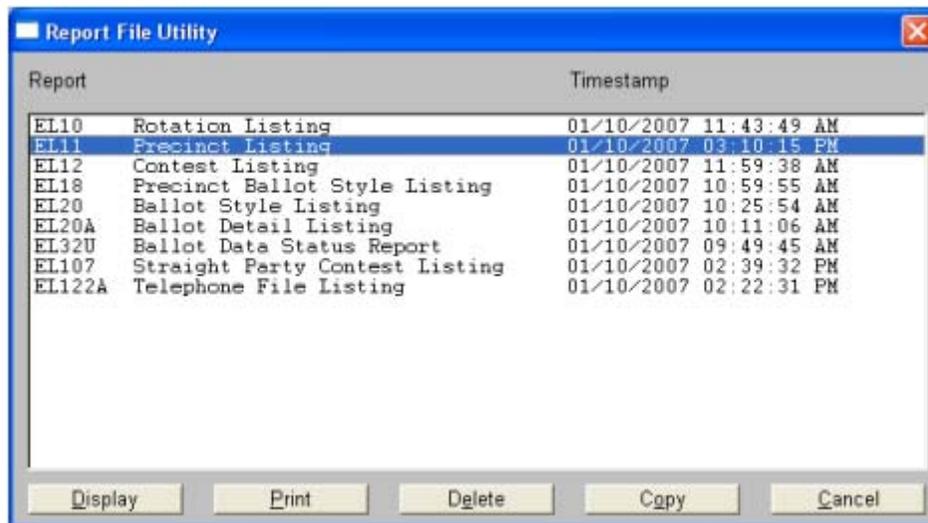
- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

12. Click **OK**. If the **Device** is set to **Disk**, the Print Precinct/Ballot Style Listing window appears. Otherwise, the report will print directly to the printer you chose.



13. Click **OK**. The Report File Utility window appears.



14. Select from the following options.

Buttons Available on the Report File Utility Window

Use this button...	To perform this action...
Display	Display the selected report on your screen for immediate viewing
Print	Print the selected report to the device you specify

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Buttons Available on the Report File Utility Window (continued)

Use this button...	To perform this action...
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify
Cancel	Return you to the main menu

If you select **Display**, the [EL11, Precinct Listing](#) window will appear.



Refer to the [EL11, Precinct Listing](#) heading in this chapter for a sample of the EL11, Precinct Listing.

When you display a report, a menu bar is available at the top left of the report screen.



- ❖ Click **Edit** to change the font size.
- ❖ Click **View** to move around within the report.

View Menu Options

To perform this action...	Select this option...	Or, press...
Move to a specific page of the report	Go to page	Ctrl + G
Move forward one page	Next page	Ctrl + N
Move back one page	Previous page	Ctrl + P
Move to the first page of the report	First page	Ctrl + F
Move to the last page of the report	Last page	Ctrl + L

- ❖ Click **Search** and select **Find** to find a particular name or string of text, and then enter the text string. Press F3 or select **Find Next** to find the next instance of that string. The program will then find the text and highlight it.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

EL11, Precinct Listing

```

EL11 Page 1 of 2
File Edit View Search

RUN DATE:02-10-10    2:14 PM
HARDWARE PROGRAMMING MANAGER
PRECINCT LISTING FOR ALL PRECINCTS
ELECTION ID: TEST1
REPORT-EL11-01    PAGE 1

0001 PRECINCT 1      COU-NTY    SCH-0003    CNG-0018
0002 PRECINCT 2      COU-NTY    COM-0007    CNG-0018
0003 PRECINCT 3      COU-NTY    COM-0007    CNG-0018
0004 PRECINCT 4      COU-NTY    COM-0007    CNG-0018
0005 PRECINCT 5      COU-NTY    COM-0003
0006 PRECINCT 6      COU-NTY
0007 PRECINCT 7      COU-NTY
0008 PRECINCT 8      COU-NTY
0009 PRECINCT 9      COU-NTY
0010 PRECINCT 10     COU-NTY
0011 PRECINCT 11     COU-NTY
0012 PRECINCT 12     COU-NTY    REP-0114
0013 PRECINCT 13     COU-NTY    REP-0119
0014 PRECINCT 14     COU-NTY    REP-0114
0015 PRECINCT 15     COU-NTY    COM-0009    SCH-0009    SEN-0039
0016 PRECINCT 16     COU-NTY    COM-0009    SCH-0009    SEN-0039
0017 PRECINCT 17     COU-NTY    SCH-0009    SEN-0039
0018 PRECINCT 18     COU-NTY    REP-0119    COM-0009    SCH-0009
0019 PRECINCT 19     COU-NTY    COM-0009    SCH-0009    CNG-0018    SEN-0039
0020 PRECINCT 20     COU-NTY    REP-0119    COM-0009    SCH-0009    SEN-0039
  
```

NOTICE OF UNCERTIFIED FUNCTIONALITY

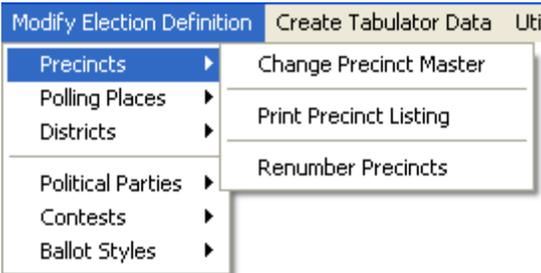
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

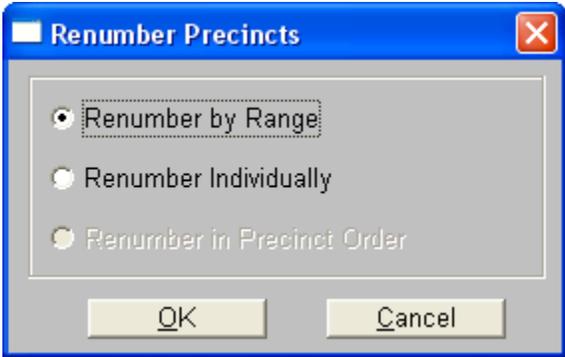
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Renumber Precincts

If your jurisdiction is redistricted, you may need to renumber the precincts. When precincts are renumbered, the new numbers are placed in the precinct, district, rotation, ballot style and ballot style by precinct records.



1. From the Modify Election Definition menu, point to **Precincts**, and select **Renumber Precincts**. The Renumber Precincts window appears.



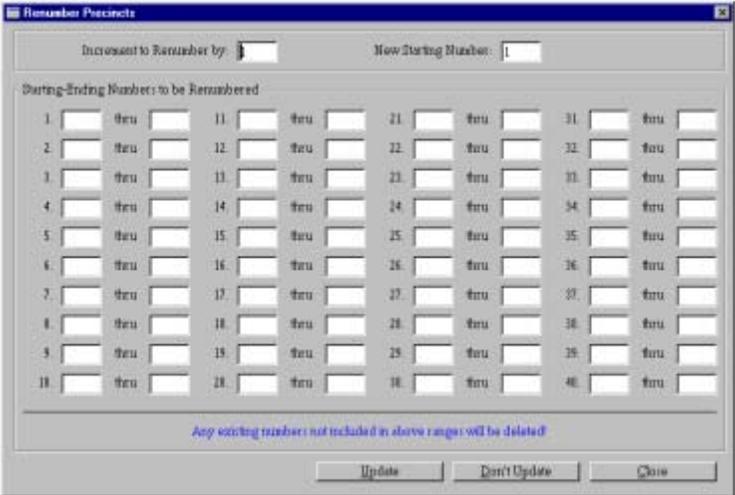
2. Select one of the following. The option you select determines the window that will appear.
 - [Renumber by Range](#)
 - [Renumber Individually](#)

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

ReNUMBER by Range



1. Enter the number to increment the precinct numbers by.
2. Enter the new starting number.
3. Enter the starting and ending existing precinct number for each range of precincts and click **Update** to run the renumber process.



NOTE: If the program determines that you have excluded existing contests, a warning will appear on the screen, allowing you to make a decision to continue or to abandon the update.



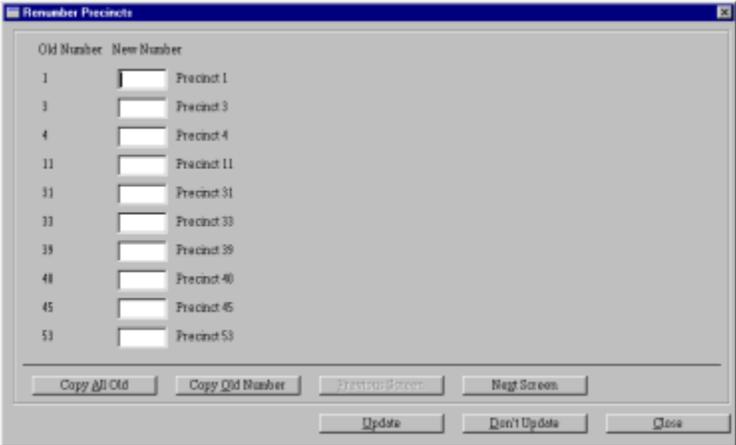
Warning: When renumbering, include all existing precinct numbers in the ranges of precinct numbers. Any precincts not included in a range will be deleted.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

Renumber Individually



1. In the **New Number** field to the right of the old (existing) number, do the following:
 - If you want to change only a few precincts, click the **Copy All Old** button to duplicate all precinct numbers; then change only the ones that need to be changed.
 - Click the **Copy Old Number** button to duplicate the precinct number of the entry currently selected so that you do not have to key it in manually.
2. When you have entered all of the new precinct numbers, click Update to run the renumber process.

 **NOTE:** If the program determines that you have excluded existing contests, a warning will appear on the screen, allowing you to make a decision to continue or to abandon the update.

 **Warning:**When renumbering, be sure each precinct contains a number in the new number field. Any precinct not containing a number in the new number field will be deleted.

Buttons Available on the Renumber Precincts Window

Use this button...	To perform this action...
Copy All Old	Copy all old precinct numbers into the New Number fields.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) •iVotronic DRE •Model 100 •Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) •All functions related to network data transmission

Buttons Available on the Renumber Precincts

Use this button...	To perform this action...
Copy Old	Copy the old precinct number into the New Number field.
Previous Screen	Return to the previous screen of precincts.
Next Screen	Advance to the next screen of precincts.
Update	Save the information you have entered and return to the New Number field.
Don't Update	Clear the screen and return to the New Number field.
Close	Return to the main menu

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 16: Polling Places

The Polling Places option is available only if you have selected the **Polling Place Mode** check box on the **Election Specification** screen from the Set Tabulator Controls menu.



Refer to [Chapter 13: Election Specification](#) for instructions about how to select the **Polling Place Mode** check box.

The Polling Place option creates an election structure that ties one or more precincts together into a Polling Place and offers the following options:

- ❖ Listing all Polling Place information
- ❖ Listing ballot styles by Polling Place
- ❖ Creating parameters by Polling Place instead of by precinct
- ❖ Burning precinct tabulator media by Polling Place instead of by precinct

Election Reporting Manager will then update results into each precinct contained in a Polling Place.

Change Polling Place

Once you selected Polling Place Mode on the Election Specification window, the Polling Place options will be available.



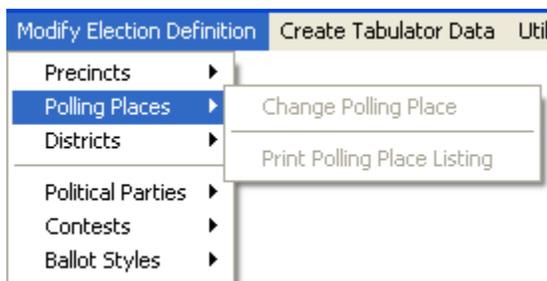
Refer to [Chapter 13: Election Specification](#) for instructions about how to select the **Polling Place Mode** check box.

NOTICE OF UNCERTIFIED FUNCTIONALITY

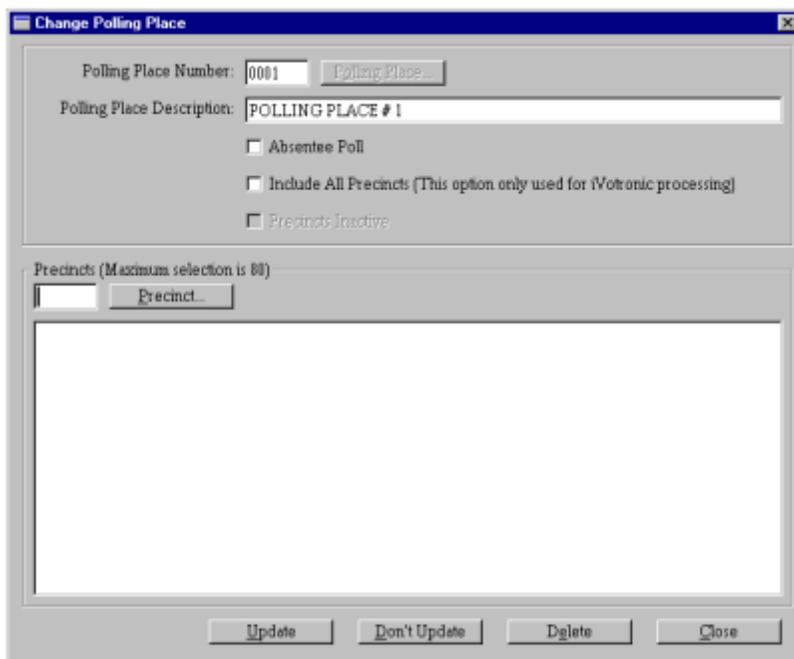
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



1. From the Modify Election Definition menu, point to **Polling Places** and select **Change Polling Place**. The Change Polling Place window appears.



2. In the **Polling Place Number** box, enter the number of this polling place and press ENTER.
Or, you can click the **Polling Place** button and a Polling Place List window will appear that lists all the polling places. Select the polling place number from this list.
3. In the **Polling Place Description** box, enter the description of this polling place (for example, POLL # 2), and press ENTER.
4. Select the **Absentee Poll** check box if this is an absentee polling place.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

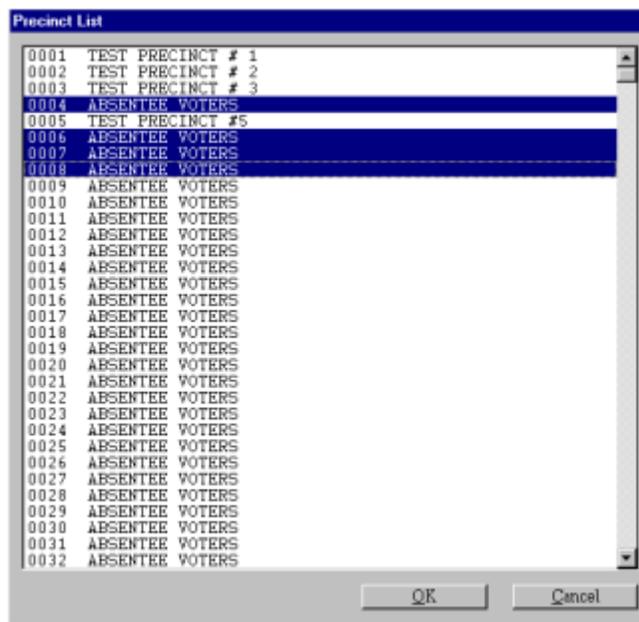
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

5. Select the **Include All Precincts** check box if you are using Votronic/iVotronic equipment for early voting or in-person absentee.
6. Select the **Precincts Inactive** check box if there are precincts in this polling place that are not active in this election.



NOTE: This option is not available for iVotronic equipment.

7. Click the **Precinct** button to display the list of available precincts.



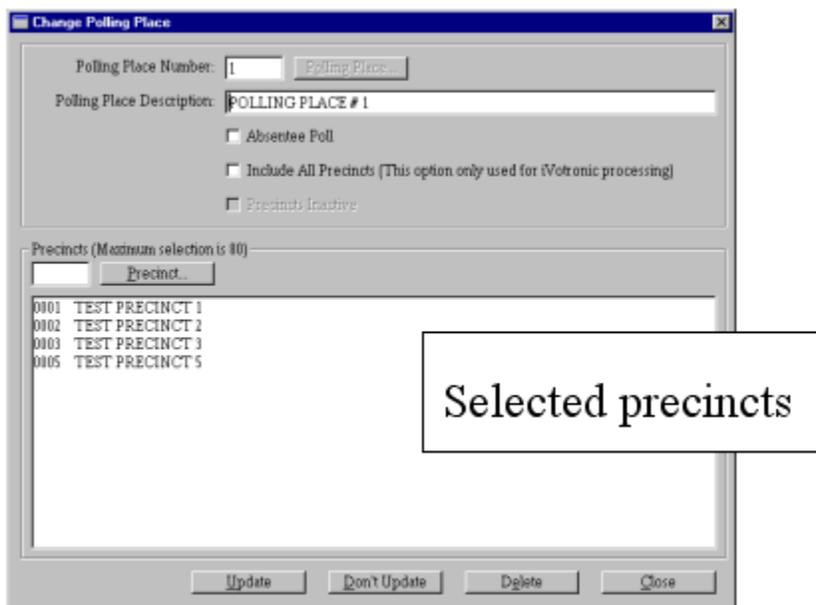
8. Hold down the **Ctrl** key, select all precincts contained in this polling place, and click **OK**.

The precincts you have chosen will appear in the window below the **Precinct** button.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission



9. Click **Update** to save the information.



NOTE: When using Polling Place Mode, every precinct must be linked to a polling place.

Buttons Available on the Change Polling Place Window

Use this button...	To perform this action...
Polling Place	Open the Polling Place List window to select from a list of polling places.
Precinct	Open the Precinct List window to select from a list of precincts in this polling place.
Update	Save the changes entered on the Change Polling Place window. The cursor returns to the Polling Place Number box.
Don't Update	Erase the changes made on the Change Polling Place window. The cursor returns to the Polling Place Number box.
Delete	Erase the changes made on the Change Polling Place window and return to the main screen.
Close	Close the Change Polling Place window without saving the changes and return to the main screen.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

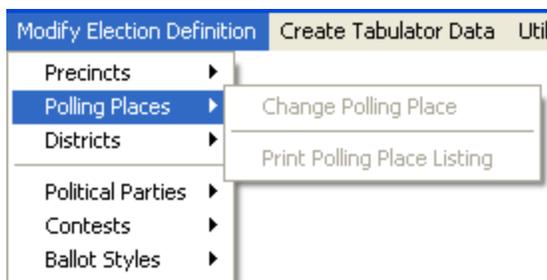
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

Remove Precincts from a Polling Place

To delete a precinct from this polling place, click **Precinct**. The Precinct List window will appear. The precincts you have chosen will be highlighted. Select the precinct(s) you want to remove from the polling place and click **OK**.

Print Polling Place Listing

After creating polling places, print the list. This report includes the polling place numbers and the precincts and precinct numbers contained within each poll.



1. From the Modify Election Definition menu, point to **Polls**, and select **Print Polling Place Listing**.

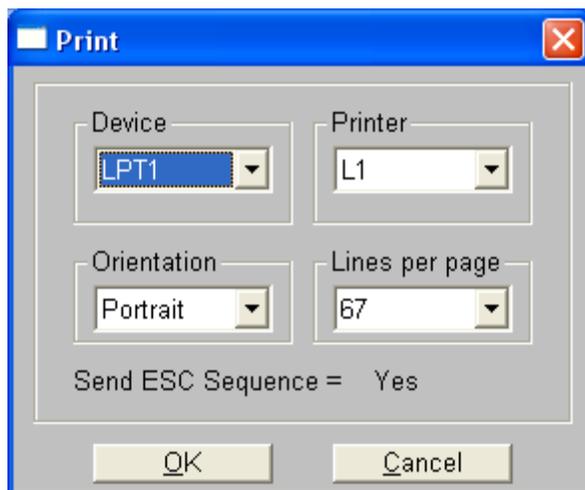


NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

2. Click **OK**. The Print window appears.



3. From the **Device** list, select where the report will print.
 - Select **Disk** to print the report to the hard disk drive.
 - Select **LPT1**, **LPT2** or **LPT3** to print the report to the printer hooked up to a parallel port.
 - Select **COM1**, **COM2** to print the report to the printer hooked up on a serial port.
4. From the **Printer** list, select **L1**, **L2**, or **L3** for the correct laser printer or select **P1**, **P2**, or **P3** for the correct line printer.
 If you select **L1**, **L2**, or **L3**, continue with steps 5 and 6. If you select **P1**, **P2**, or **P3**, skip to step 8.

Laser Printer

5. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select an option from the **Orientation** list.
 - Select **Portrait** to print in 8.5" x 11" mode
 - Select **Landscape** to print in 11" x 8.5" mode.
6. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select the number of lines to print per page from the **Lines per page** list
 - Select **59**, **67**, **79**, **96**, or **118** if you selected **Portrait** from the **Orientation** list.

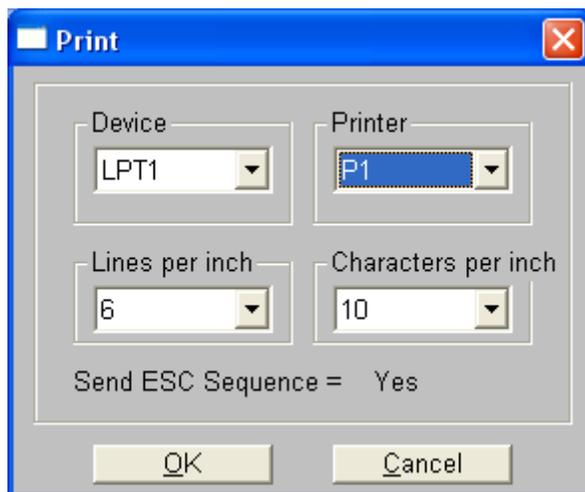
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

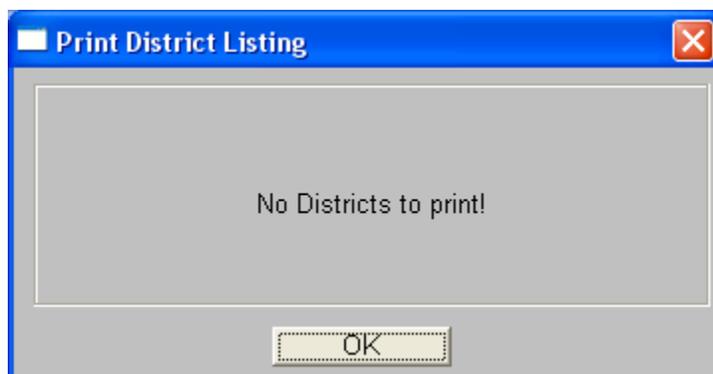
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

- Select **44, 50, 59, 70** or **89** if you selected **Landscape** from the **Orientation** list.
7. Skip to step 10.

Line Printer



8. From the **Lines per inch** list, choose to print **6** or **8** lines per inch.
9. From the **Characters per inch** list, select to print **10** or **16** characters per inch.
10. Click **OK**. If the **Device** is set to **Disk**, the Print Precinct/Ballot Style Listing window appears. Otherwise, the report will print directly to the printer you chose.

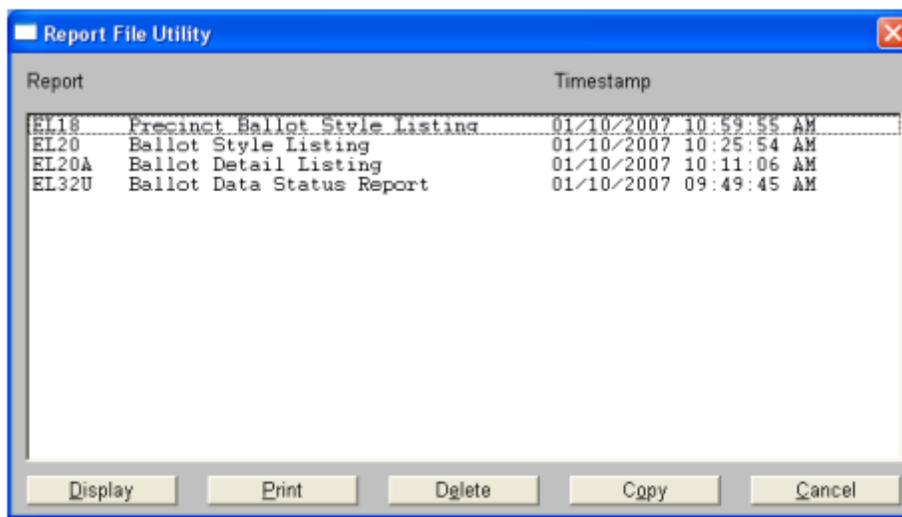


NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

11. Click **OK**. The Report File Utility window appears.



12. Select from the following options.

Buttons Available on the Report File Utility Window

Use this button...	To perform this action...
Display	Display the selected report on your screen for immediate viewing
Print	Print the selected report to the device you specify
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify
Cancel	Return you to the main menu

If you select **Display**, the [EL63, Polling Place Listing](#) window will appear.



Refer to the [EL63, Polling Place Listing](#) heading in this chapter for a sample of the EL63, Polling Place Listing.

When you display a report, a menu bar is available at the top left of the report screen.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

File Edit View Search

- ❖ Click **Edit** to change the font size.
- ❖ Click **View** to move around within the report.

View Menu Options

To perform this action...	Select this option...	Or, press...
Move to a specific page of the report	Go to page	Ctrl + G
Move forward one page	Next page	Ctrl + N
Move back one page	Previous page	Ctrl + P
Move to the first page of the report	First page	Ctrl + F
Move to the last page of the report	Last page	Ctrl + L

- ❖ Click **Search** and select **Find** to find a particular name or string of text, and then enter the text string. Press F3 or select **Find Next** to find the next instance of that string. The program will then find the text and highlight it.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

EL63, Polling Place Listing

```

EL63 Page 1 of 1
File Edit View Search

RUN DATE:02-10-10 2:26 PM      HARDWARE PROGRAMMING MANAGER
                                POLLING PLACE LISTING
                                ELECTION ID: 06PRIM
                                REPORT-EL63 00 PAGE 1

----- POLL -----
                                CONTAINS PRECINCT NUMBERS

0001 PRECINCT 1 0001           1
0002 PRECINCT 2 0002           2
0003 PRECINCT 3 0003           3
0004 PRECINCT 4 0004           4
0005 PRECINCT 5 0005           5
0006 PRECINCT 6 0006           6
0007 PRECINCT 7 0007           7
0008 PRECINCT 8 0008           8
0009 PRECINCT 9 0009           9
0010 PRECINCT 10 0010          10
0011 PRECINCT 11 0011          11
0012 PRECINCT 12 0012          12
0013 PRECINCT 13 0013          13
0014 PRECINCT 14 0014          14
0015 PRECINCT 15 0015          15
0016 PRECINCT 16 0016          16
0017 PRECINCT 17 0017          17
0018 PRECINCT 18 0018          18
0019 PRECINCT 19 AND 20 0019   19 20
0020 EARLY VOTING 1 M100 0020  1  2  3  4  5  6  7  8  9 10
0021 EARLY VOTING 2 M100 0021 11 12 13 14 15 16 17 18 19 20
0022 EARLY VOTING IVO 0022     1  2  3  4  5  6  7  8  9 10
                                11 12 13 14 15 16 17 18 19 20
  
```

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABC)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

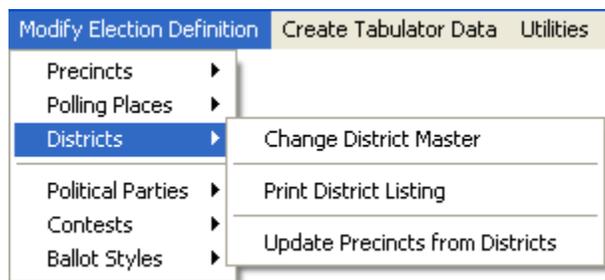
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 17: Districts

District information determines which contests specific voters are entitled to vote in. District information on the Precinct Master allows the system to attach each precinct to the various districts it falls in for the purpose of creating ballot styles.

Change District Master

Use this option to add or delete precincts in a district.



1. From the Modify Election Definition menu, point to **Districts**, and select **Change District Master**.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

2. In the **District Code** box, enter the three-character district code or click the **District...** button and select the district code from the District Code List,
3. Type the district number (up to four alphanumeric places) in the **District** box.
4. Type the name of this district in the **District Name** box.
5. Enter the number of registered voters in this district in the **Registered Voters** box.
6. Enter the ranges of precincts in this district.

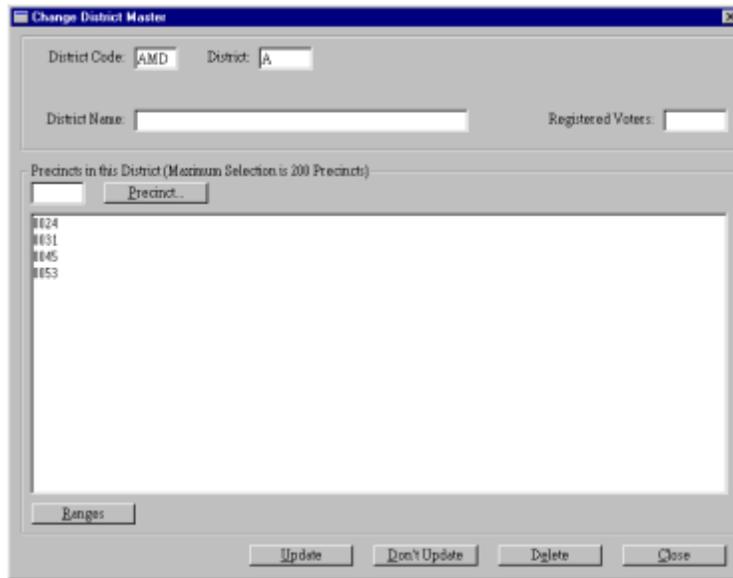
If there are single precincts that do not fall within the ranges, click the **Precincts** button to display the list of precincts and select all single precincts that apply to this district.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

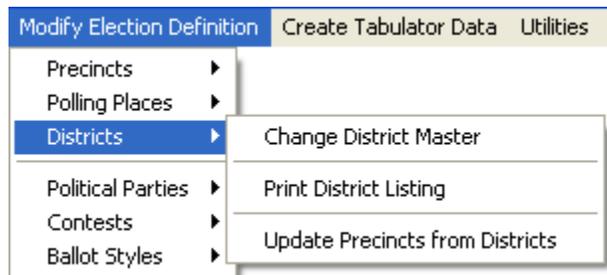
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



Buttons Available on the Change District Master Window

Use this button...	To perform this action...
Update	Save the information you entered and return to the District Code box.
Don't Update	Clear the information you entered and return to the District Code box.
Delete	Delete all information on the screen.
Close	Return to the main screen without saving any information.

Add a New District Based on Existing Districts



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

1. From the Modify Election Definition menu, point to **Districts**, and select **Change District Master**.
2. Enter the new three-character district code and the district number.

3. Use the **Model** fields to form a new district based on one or more existing districts.
 - If you are forming a district from only one existing district, enter the same district code and number in both **Model** fields. If you are forming a district from two districts, enter each district code and number.
 - Select to copy all precincts, only the like precincts, or only the unlike precincts.

Buttons Available on the Change District Master Window

Use this button...	To perform this action...
Update	Save the information you entered and return to the District Code box.
Don't Update	Clear the information you entered and return to the District Code box.
Precincts	Display the list of individual precincts.
Ranges	Display the screen of ranges of precincts.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

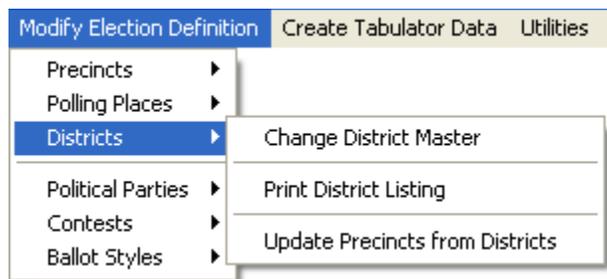
Buttons Available on the Change District Master

Use this button...	To perform this action...
Delete	Delete all information on the screen.
Close	Return to the main screen without saving any information.

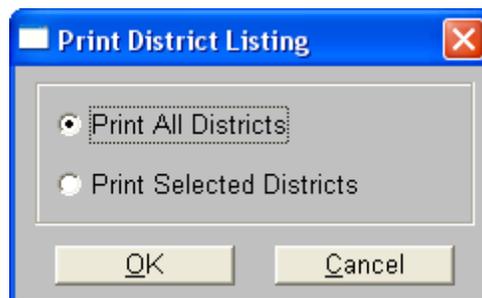
Print District Listing

Use the District Listing to print a list of all precincts in a district.

Always print a District Listing and proof it carefully.



1. From the Modify Election Definition menu, point to **Districts**, and select **Print District Listing**.

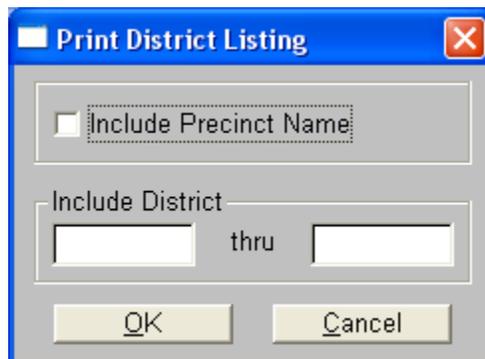


NOTICE OF UNCERTIFIED FUNCTIONALITY

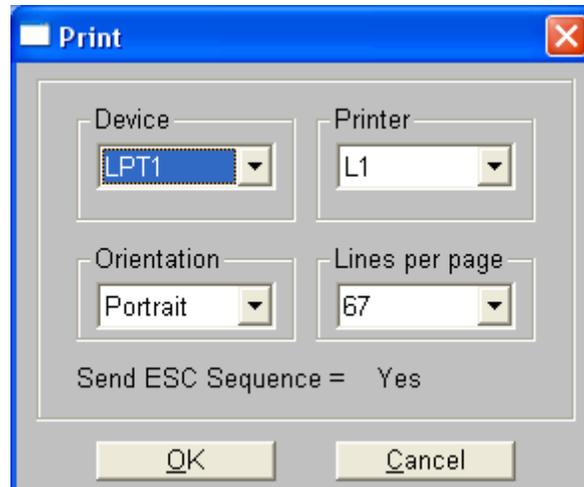
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

2. Select whether you want to print the entire list or to print selected districts. Click **OK**. The following window will appear.



3. Select the **Include Precinct Name** check box, if you want the names of the precincts in each district to print on the report. If you are printing the entire list, go to step 5.
4. In the **Include District** box, enter the district code and number of the range of districts you want to print. If you selected to print all districts, the **Include District** box will not be available
5. Click **OK**. The Print window appears.



6. From the **Device** list, select where the report will print.
 - Select **Disk** to print the report to the hard disk drive.
 - Select **LPT1**, **LPT2** or **LPT3** to print the report to the printer hooked up to a parallel port.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) •iVotronic DRE •Model 100 •Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) •All functions related to network data transmission

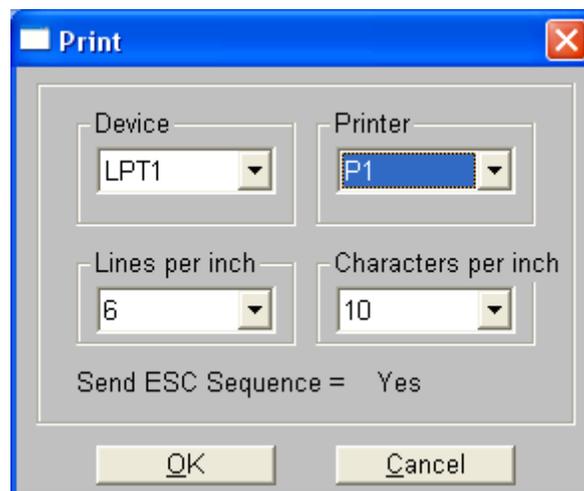
- Select **COM1**, **COM2** to print the report to the printer hooked up on a serial port.
7. From the **Printer** list, select **L1**, **L2**, or **L3** for the correct laser printer or select **P1**, **P2**, or **P3** for the correct line printer.

If you select **L1**, **L2**, or **L3**, continue with steps 8 and 9. If you select **P1**, **P2**, or **P3**, skip to step 11.

Laser Printer

8. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select an option from the **Orientation** list.
- Select **Portrait** to print in 8.5" x 11" mode
 - Select **Landscape** to print in 11" x 8.5" mode.
9. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select the number of lines to print per page from the **Lines per page** list
- Select **59**, **67**, **79**, **96**, or **118** if you selected **Portrait** from the **Orientation** list.
 - Select **44**, **50**, **59**, **70** or **89** if you selected **Landscape** from the **Orientation** list.
10. Skip to step 13.

Line Printer



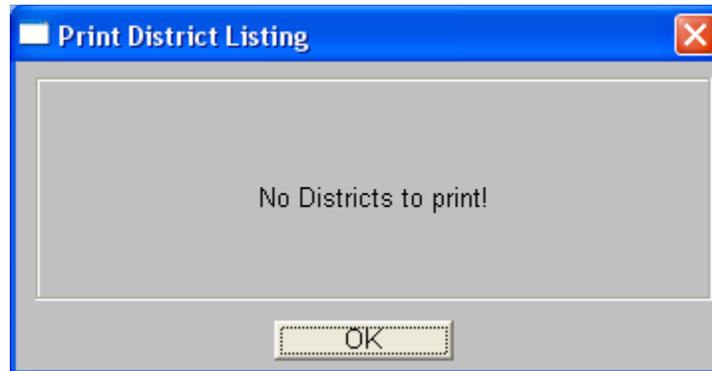
11. From the **Lines per inch** list, choose to print **6** or **8** lines per inch.

NOTICE OF UNCERTIFIED FUNCTIONALITY

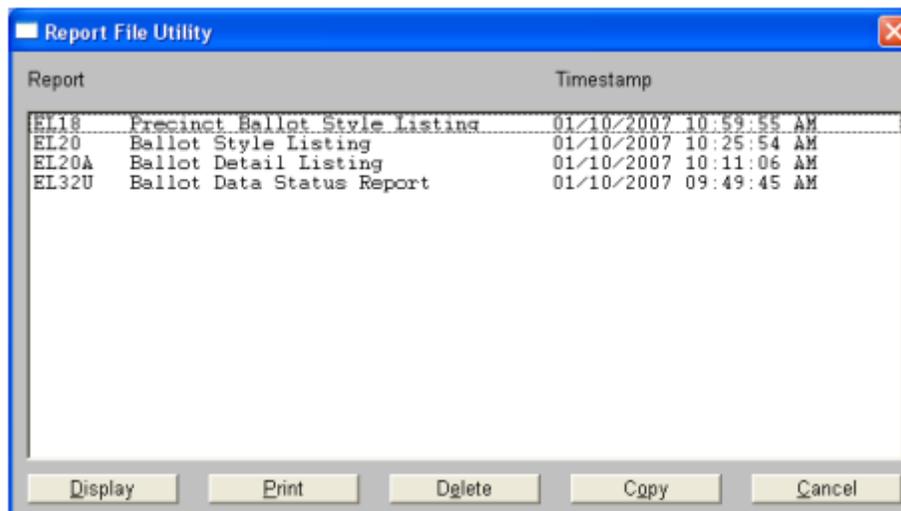
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

12. From the **Characters per inch** list, select to print **10** or **16** characters per inch.
13. Click **OK**. If the **Device** is set to **Disk**, the Print Precinct/Ballot Style Listing window appears. Otherwise, the report will print directly to the printer you chose.



14. Click **OK**. The Report File Utility window appears.



15. Select from the following options.

Buttons Available on the Report File Utility Window

Use this button...	To perform this action...
Display	Display the selected report on your screen for immediate viewing

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Buttons Available on the Report File Utility Window (*continued*)

Use this button...	To perform this action...
Print	Print the selected report to the device you specify
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify
Cancel	Return to the main menu

If you select **Display**, the [EL76, District Listing](#) window will appear.



Refer to the [EL76, District Listing](#) heading in this chapter for a sample of the EL76, District Listing.

When you display a report, a menu bar is available at the top left of the report screen.

File Edit View Search

- ❖ Click **Edit** to change the font size.
- ❖ Click **View** to move around within the report.

View Menu Options

To perform this action...	Select this option...	Or, press...
Move to a specific page of the report	Go to page	Ctrl + G
Move forward one page	Next page	Ctrl + N
Move back one page	Previous page	Ctrl + P
Move to the first page of the report	First page	Ctrl + F
Move to the last page of the report	Last page	Ctrl + L

- ❖ Click **Search** and select **Find** to find a particular name or string of text, and then enter the text string. Press F3 or select **Find Next** to find the next instance of that string. The program will then find the text and highlight it.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

EL76, District Listing

3		
arch		
2:13 PM	YOUR COUNTY ELECTION HARDWARE PROGRAMMING MANAGER DISTRICT LISTING	ELECTION ID: P REPORT - EL76
NUMBER OF PRECS:8		
Precinct 1	3 Precinct 3	11 Precinct 11
Precinct 31	39 Precinct 39	40 Precinct 40
Precinct 45	53 Precinct 53	

NUMBER OF PRECS:2		
Precinct 11	31 Precinct 31	

NUMBER OF PRECS:2		
Precinct 1	3 Precinct 3	

NUMBER OF PRECS:2		
Precinct 11	31 Precinct 31	

NUMBER OF PRECS:1		
Precinct 33		

NUMBER OF PRECS:5		
Precinct 11	31 Precinct 31	33 Precinct 33
Precinct 45	53 Precinct 53	

NUMBER OF PRECS:1		
Precinct 33		

NUMBER OF PRECS:9		
Precinct 1	3 Precinct 3	11 Precinct 11
Precinct 31	39 Precinct 39	39 Precinct 39
Precinct 40	45 Precinct 45	53 Precinct 53

NUMBER OF PRECS:9		
Precinct 1	3 Precinct 3	11 Precinct 11
Precinct 31	39 Precinct 39	39 Precinct 39
Precinct 40	45 Precinct 45	53 Precinct 53

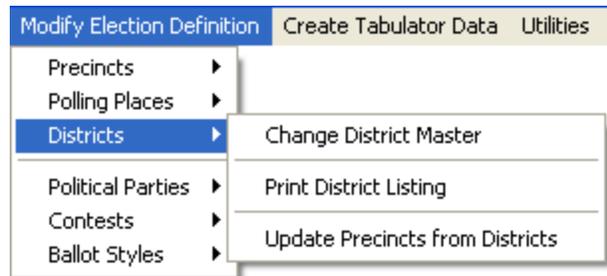
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

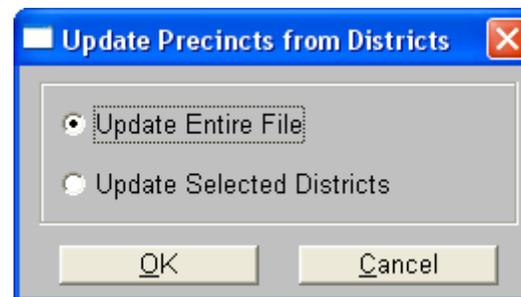
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

Update Precincts from Districts

This option will put the appropriate districts on your precinct records. Use this option if you do not have any districts on your precinct records. Also, use it if you changed districts or precincts on the District Master and those changes must be reflected in your precinct records.



1. From the Modify Election Definition menu, point to **Districts**, and select **Update Precincts from Districts**.

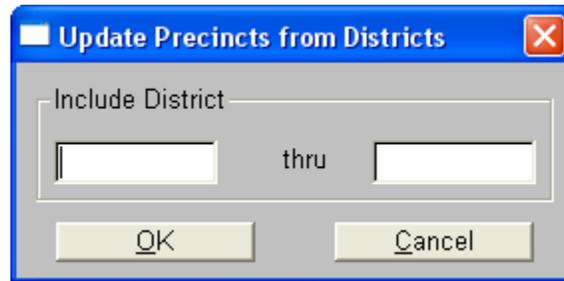


2. Select to **Update Entire File** or to **Update Selected Districts**. If you select to update from selected districts, the following window will open.

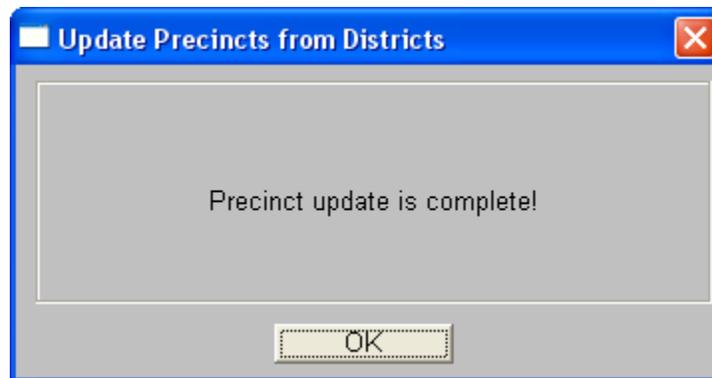
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



3. Type, in all uppercase letters, the district codes of the range of districts you want to update, and click **OK**.
4. When the update is complete, the following information window will open.



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

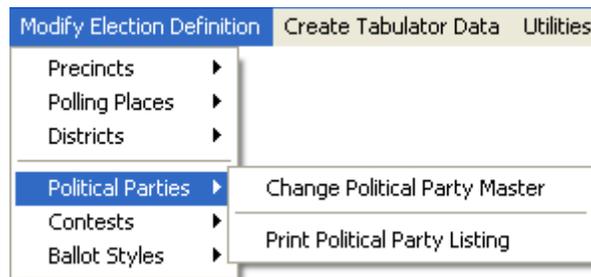
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 18: Political Parties

Use this option to define each political party that is to be recognized in the election. Additionally, this screen is used to specify whether registered voter totals are to be kept by party on the Precinct Master file.



NOTE: Parties may be listed here even though they are not used in the current election. Therefore, you may want to delete a party from this screen until it is no longer necessary to maintain it on the system.



1. From the Modify Election Definition menu, point to **Political Parties**, and select **Change Political Party Master**.

Party Code	Device Code	Party Name	Registered Voters	Other	Nonpartisan	Yes
REP	1	REPUBLICAN PARTY	Yes	NON	0	NONPARTISAN
DEM	2	DEMOCRATIC PARTY	Yes			
LIB	3	LIBERTARIAN PARTY OF				
GRE	4	GREEN PARTY OF FLORI				
SWP	5	FLORIDA SOCIALIST WO				
LAW	6	NATURAL LAW PARTY				
REF	7	REFORM PARTY				
SPP	8	SOCIALIST PARTY OF F				
CPF	9	CONSTITUTION PARTY O				
WWP	A	WORKERS WORLD PARTY				

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

2. Enter the three-character code designated to identify this party throughout the system and press ENTER.

If you want to change a party code, select it from the **Party Code** list. This code will appear next to the candidates' names on general election reports or next to the contest title and ballot style on primary election reports.

3. In the **Device Code** box, enter the one-character device code.

Device codes are used by the system to link a candidate or contest to a political party. Following are the device codes and their definitions.

Device Code	Party Code
0 (zero), N, or spaces	Nonpartisan
0 (zero)	Nonpartisan in a primary election
1-F	Partisan in a primary election
1-Z	Partisan in a general election

4. Enter the full name of this party.
5. Select the **Registered Voters** check box if you want to keep registered voters by party in the Precinct Master.

Buttons Available on the Change Political Party Master Window

Use this button...	To perform this action...
Update	Create the new party you have entered or save the information you have changed, and display it in the Current Party Records area of the screen.
Don't Update	Clear all information you have entered and return to the Party Code box.
Delete	Delete all information on this screen and return to the Party Code box.
Close	Return to the main menu.

NOTICE OF UNCERTIFIED FUNCTIONALITY

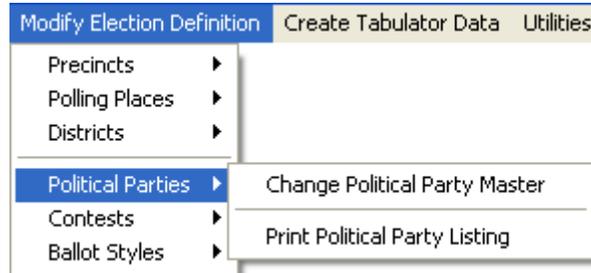
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Print Political Party Listing

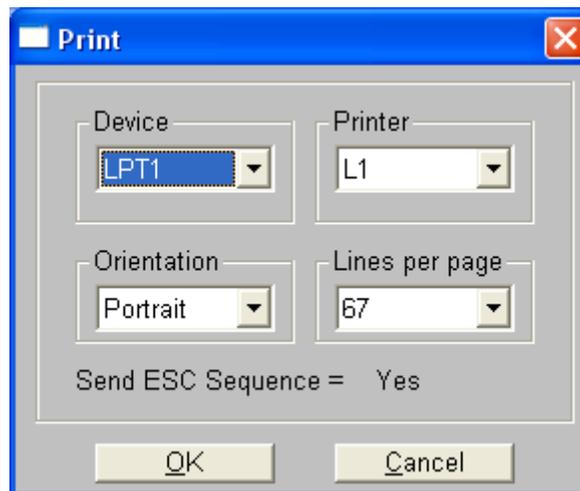
Use this option to print a list of political parties in the system and proof it carefully.



1. From the Modify Election Definition menu, point to **Political Parties**, and select **Print Political Party Listing**.



2. Click **OK**. The Print window appears.



3. From the **Device** list, select where the report will print.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

- Select **Disk** to print the report to the hard disk drive.
 - Select **LPT1**, **LPT2** or **LPT3** to print the report to the printer hooked up to a parallel port.
 - Select **COM1**, **COM2** to print the report to the printer hooked up on a serial port.
4. From the **Printer** list, select **L1**, **L2**, or **L3** for the correct laser printer or select **P1**, **P2**, or **P3** for the correct line printer.
- If you select **L1**, **L2**, or **L3**, continue with steps 5 and 6. If you select **P1**, **P2**, or **P3**, skip to step 8.

Laser Printer

5. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select an option from the **Orientation** list.
- Select **Portrait** to print in 8.5" x 11" mode
 - Select **Landscape** to print in 11" x 8.5" mode.
6. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select the number of lines to print per page from the **Lines per page** list
- Select **59**, **67**, **79**, **96**, or **118** if you selected **Portrait** from the **Orientation** list.
 - Select **44**, **50**, **59**, **70** or **89** if you selected **Landscape** from the **Orientation** list.
7. Skip to step 10.

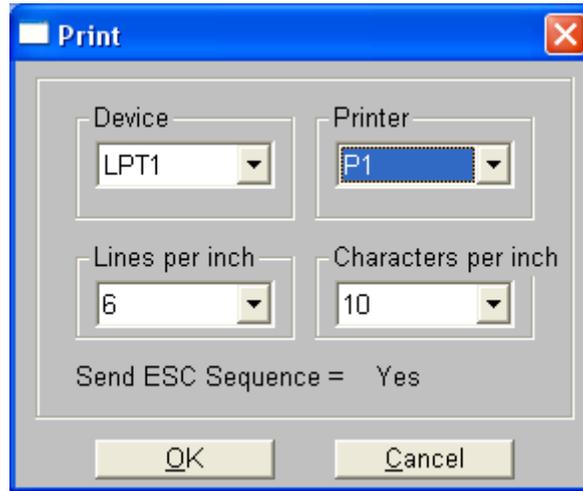
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Line Printer



8. From the **Lines per inch** list, choose to print **6** or **8** lines per inch.
9. From the **Characters per inch** list, select to print **10** or **16** characters per inch.
10. Click **OK**. If the **Device** is set to **Disk**, the Print Precinct/Ballot Style Listing window appears. Otherwise, the report will print directly to the printer you chose.



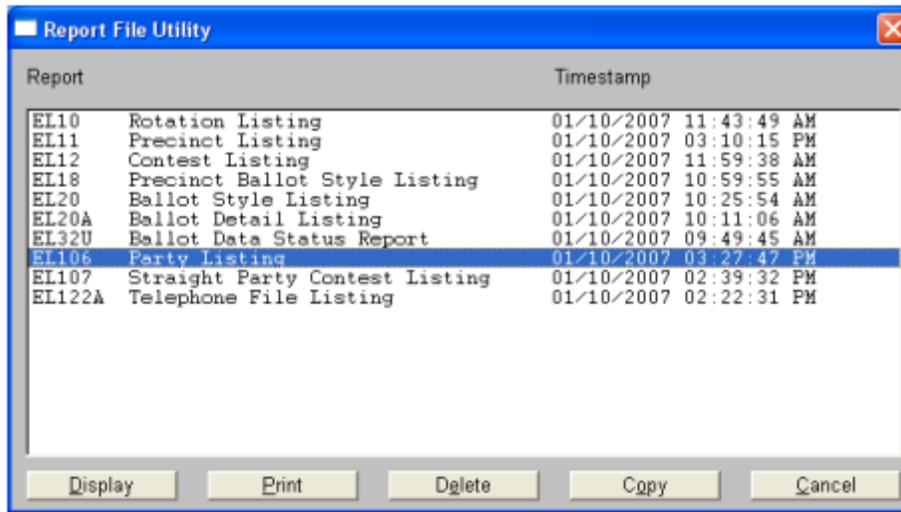
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

11. Click **OK**. The Report File Utility window appears.



12. Select from the following options.

Buttons Available on the Report File Utility Window

Use this button...	To perform this action...
Display	Display the selected report on your screen for immediate viewing
Print	Print the selected report to the device you specify
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify
Cancel	Return you to the main menu

If you select **Display**, the **EL106, Party Master Listing** window will appear.



Refer to the **EL106, Party Master Listing** heading in this chapter for a sample of the EL106, Party Listing.

When you display a report, a menu bar is available at the top left of the report screen.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

File Edit View Search

- ❖ Click **Edit** to change the font size.
- ❖ Click **View** to move around within the report.

View Menu Options

To perform this action...	Select this option...	Or, press...
Move to a specific page of the report	Go to page	Ctrl + G
Move forward one page	Next page	Ctrl + N
Move back one page	Previous page	Ctrl + P
Move to the first page of the report	First page	Ctrl + F
Move to the last page of the report	Last page	Ctrl + L

- ❖ Click **Search** and select **Find** to find a particular name or string of text, and then enter the text string. Press F3 or select **Find Next** to find the next instance of that string. The program will then find the text and highlight it.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

EL106, Party Master Listing

Page 1 of 1

with Search

```

-07-03    9:48 AM    YOUR COUNTY ELECTION
                    HARDWARE PROGRAMMING MANAGER
                    PARTY MASTER LISTING
                    ELECTION ID: PRIMCERT
                    REPORT - EL106 PAGE

DESCRIPTION          REG. UTRS
REPUBLICAN PARTY     YES
DEMOCRATIC PARTY     YES
LIBERTARIAN PARTY OF
GREEN PARTY OF FLORI
FLORIDA SOCIALIST WO
NATURAL LAW PARTY
REFORM PARTY
SOCIALIST PARTY OF F
CONSTITUTION PARTY O
WORKERS WORLD PARTY
NONPARTISAN         YES

```

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 19: Contests

Change Contests and Candidates

Use this option to define, change, or delete contest and candidate information. This includes printed text for reports and special ballot counter statistics, as well as regular contests and candidates.

Before entering any contest information, you should have some idea of what you want your election results to look like. The sequence in which you enter your contests is the sequence in which they will appear later on the reports. Contests should be entered to match the sequence of contests on your ballots.

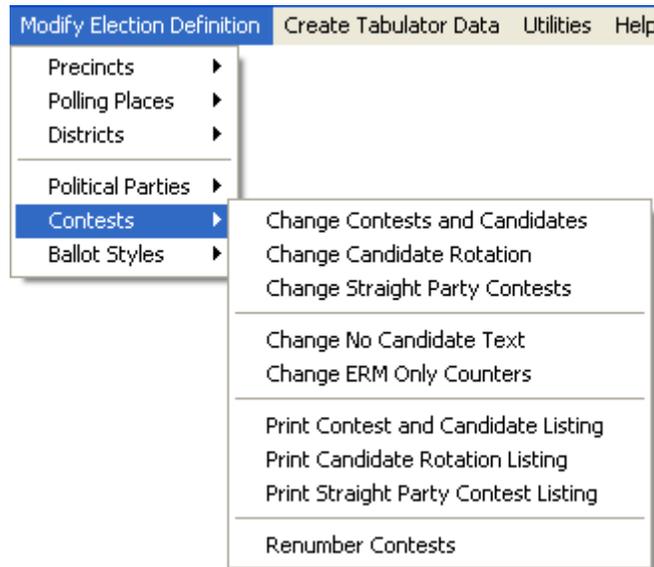
Ballot statistics for the entire jurisdiction appear first. These are ballot counter contest types that will provide you with: Precincts Counted – Total (if it is a mixed election), Registered Voters – Total (if used), and Ballots Cast – Total.

NOTICE OF UNCERTIFIED FUNCTIONALITY

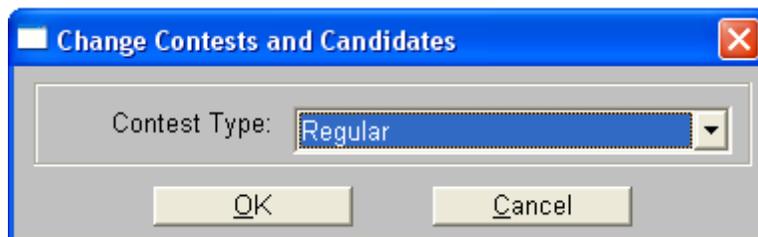
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Regular Contests (Model 100 and DS200)



1. From the Modify Election Definition menu, point to **Contests**, and select **Change Contests and Candidates**. The following window appears.



2. Select **Regular** for the Contest Type and click **OK**. The following window appears.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Change Contests and Candidates

Contest Number: 117 Party: NON
 Title: SCHOOL BOARD MEMBER NONPARTISAN
 DISTRICT 3
 100/150/550 Title: SCHOOL BOARD MEMBER DISTRICT 3

Vote for: 1 District: SCH - 0003
 Special Type: (None) # P/S / P/Sec: 2 Primary Write-ins Query Undervote
 Cross-Primary

Candidates (4)

#	Col	BP	Candidate Name
1	2	9	Claudia Brown-Curry
2	2	10	Charles E. Glover, Sr
3	2	11	Clinton Earl Powell Sr.
4	2	12	Charles Thornton
5			

3. Enter the number of this contest if it is new in the **Contest Number** box. Or, click the **Contest** button to see a list of the contests already coded for this election.
4. Select the party code for this contest from the **Party** list.
 If this is an Open Primary with Party Preference, enter the party code is on all contests except the Party Preference contest. Leave this field blank for the Party Preference contest. The **Party** option is only available for Closed Primary, Open Primary without Party Preference and Open Primary with Party Preference.
5. Enter the title of this contest the way you want to it to appear on the reports in the **Title** box.
6. In the **Model 100/150/550 Title** box, enter a maximum of 40 characters for the shortened Model 100 Title to print on the Model 100 tape.
7. In the **Vote For** box, enter the number of votes allowed for this contest.
8. In the **District** boxes, enter the three-digit district code and four-digit district number.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

If this is a Precinct/Local office enter PRC in the district code box and leave the district number box blank. All PRC (local) contests may then be entered as one contest number, with the precincts designated in the PRC column.

9. Select the type of special election from the **Special Type** list.

This field is active only if you selected the **Special Contests** check box on the **Election Specifications** screen.

- **Recall C** – Used to tie this contest to the next sequential contest for issues relating to removal of an official from office. When this is used, this contest must be voted to allow votes in the next contest to be counted. Votes in the contest immediately following will be counted if this Recall office is voted in the YES position.
- **Recall D** – Used to tie this contest to the next sequential contest for issues relating to removal of an official from office. When this is used, this contest must be voted to allow votes in the next contest to be counted. Votes in the contest immediately following will be counted if this Recall office is voted in the YES position or the NO position.
- **President** – Used to enter additional text in ballot layout for presidential electors.
- **Proportional** – Used only in “multiple vote for” contests to allow proportional votes (for example, if there are three votes allowed and the voter votes for only two candidates, each candidate receives 1.5 votes). This option can be used with Central Count equipment only.
- **Question** – Used for referenda or other contests that you do not want the “Vote for” text printed. This option is also used to allow “Vote for” as the vote for text when a user-defined text was set on the Change Jurisdiction Master window.
- **Fixed position** – Used to keep the contest in the same place on every ballot type.
- **Statistics** – Usually used for absentee ballot statistics; can be used for any statistic controlled by target(s) on the ballot. There must be a target for each statistic coded this way. If all contests are left unvoted but this one is marked, the ballot is considered a blank.
- **Exact Vote For** – Used to allow only the exact number of votes in a multiple election of candidates to be valid. Either over voting or under voting will negate the votes when it is counted.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

- **New York Style Cross-endorsement** – Used when more than one political party endorses the same candidate. This option allows a ballot position to be assigned for each endorsement.
- **Group** – Used to cast one vote for a group of candidates. (Different than straight party)



The **Group** option is available for use in Massachusetts only.

- **RCV 1st Choice** – Used to designate the first contest in a Ranked Choice Voting (RCV) election.



The **RCV 1st Choice** option is available for use in California only, and only if CA is the state code on the Control File.

- **#RCV Other Choice** – Used to designate the additional contest(s) in a Ranked Choice Voting (RCV) election.



The **#RCV Other Choice** option is available for use in California only, and only if CA is the state code on the Control File and the **Special Type** field on this window is set to RCV 1st Choice.

10. In the **#RCV Races** field, select the number of RCV races occurring in this election.



This option is available only if **CA** is the **State** code on the Control File and the **Special Type** field on this screen is set to **RCV 1st Choice**.

11. Select the **Rotated** check box if this contest is to be rotated.
12. If the **By** box is active, enter either **SUP** for Supervisory District, or **ASM** for Assembly District. When using this type of rotation, the district number must be a four-digit number. Use preceding zeros, if necessary.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



This option is available only if **CA** is the **State** code on the Jurisdiction Master and if you have requested rotation in the Election Specifications Master.

13. Select the **Write-ins** check box to add candidate ballot positions for write-in candidates. The number of write-in positions is equal to the value entered in the Vote for field.
14. Select the **Query Undervote** check box if you want the tabulator to query the voter if the contest is undervoted. Clear the box if you do not want the tabulator to query the voter if the contest is undervoted.

Candidate Frame

Enter the following information in the **Candidate** frame of the Change Contests and Candidates window.

1. In the **Col** box, enter the column number where this candidate appears on the ballot.



Refer to the [Straight Party Position](#) heading in this chapter for information about a straight party contest.

2. In the **BP** boxes, enter the home ballot position assigned to this candidate.
3. If this contest is a PRC contest, enter the precinct number in the **PRC** column. All PRC (local) contests may then be entered as one contest number, with the precincts designated in the PRC column.
4. If this is a general or nonpartisan election, enter the device code for the political party with which this candidate is affiliated, if applicable.
5. In the **Candidate Name** boxes, enter the candidate name exactly as you want to have it listed on Model 100, DS200, Model 650 and ERM reports.

Buttons Available on the Change Contests and Candidates Window

Use this button...	To perform this action...
Delete Candidate	Delete the candidate on the line where the cursor is located.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Buttons Available on the Change Contests and Candidates Window *(continued)*

Use this button...	To perform this action...
Previous Candidate Page	Move to the previous screen of candidates.
Next Candidate Page	Move to the next screen of candidates.
Update	Save the information you have entered and return to the Contest Number box.
Don't Update	Clear all information you have entered and return to the Contest Number box.
Delete	Delete the information on the screen and return to the Contest Number box.
Close	Return to the main menu.

Party Preference Contests

If this is an Open Primary with Party Preference, a Party Preference contest with the list of political parties should appear first on the ballot, followed by contests for each of those parties. (The Party Preference contest is entered as a regular contest.) A voter must select a party and is then limited to voting for candidates of that party only.

The Party Preference contest must be named Party Preference in order for HPM, DS200 and the Model 100 tabulator to work properly. You can use additional text to place a different name on the paper ballot, but the HPM contest name must be Party Preference.

Straight Party Position

Election Data Manager (EDM) does not generate the column or ballot position for the straight party contest for any equipment type. Take the following steps to generate column and ballot positions for a straight party contest.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

1. From the Modify Election Definition menu, point to **Contests**, and select **Change Contests and Candidates**. The following window appears.



2. Select **Regular** for the Contest Type and click **OK**. The following window appears.

#	Col	BP	Candidate Name
1	2	9	Claudia Brown-Curry
2	2	10	Charles E. Glover, Sr
3	2	11	Clinton Earl Powell Sr.
4	2	12	Charles Thornton
5			

3. In the **Col** boxes, enter the number of the column where this contest appears on the ballot.
4. In the **BP** boxes, enter the ballot position number for this contest.
5. Click **Update** to save the information.

NOTICE OF UNCERTIFIED FUNCTIONALITY

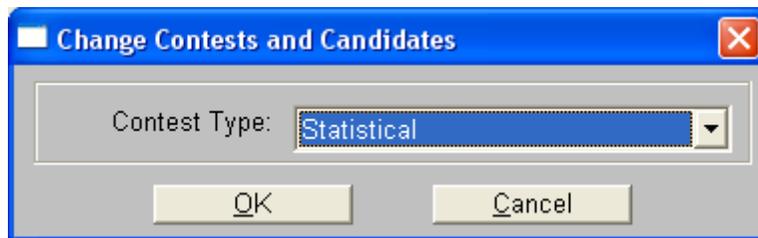
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

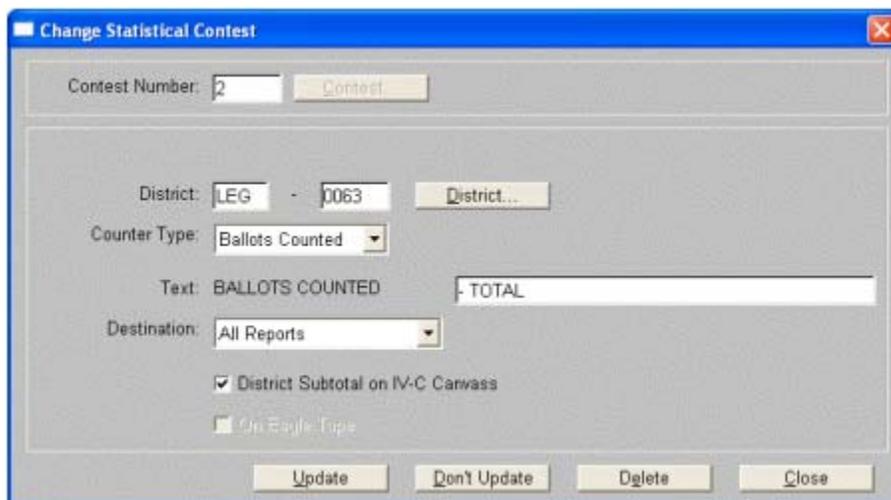
Statistical Contests

All Statistical contests must precede the regular contests. Take the following steps to code the statistical contests for the election.

1. From the Modify Election Definition menu, point to **Contests**, and select **Change Contests and Candidates**. The following window appears.



2. Select **Statistical** for the **Contest Type** and click **OK**. The Change Statistical Contest window appears.



3. In the **Contest Number** box, enter the contest number.



NOTE: All Statistical contests must precede the regular contests with the exception of the MN State Statistics.

4. The **Primary** box appears only if this is a Primary election. If this is a Primary, enter the party code.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

5. Enter the District code and District Number in the **District** boxes if you want to show a total ballot count for a particular district.
6. From the **Counter Type** list, select one of the following counter types.
 - **Precincts Counted** – Includes a Precincts Counted statement showing total precinct count and percentage of precincts counted. This applies to a both or mixed election only and must be entered first. This statistic will not appear in ERM.
 - **Registered Voters** – Includes a Registered Voters statement showing registered voter total and percentage of turnout or Registered Voters by district or party in a mixed election.
 - **Ballots Cast** – Includes a Ballots Cast statement showing ballots counted and percentage of turnout.

NOTE: If you are using more than one counter type, they must appear in the following sequence:

- Precincts Counted
- Registered Voters
- Ballots Cast



If these are set up, Ballots Cast/Registered Voters Total must precede Ballots Cast/Registered Voters by Party; and the party order must match the party order in the HPM Political Party Master in order for the percentage to be correct.

Ballots cast can be repeated for a specific district. Ballots cast and registered voters can be repeated for a specific party. There is one associated total generated on the Election Reporting Manager reports for each ballot counter you define. The Precincts Counted Statistic is valid only on central count tabulators.

NOTE: In a closed primary if there are multiple registered voter totals coded in a precinct (such as party registration), the order of the registered voter statistic contest statements in the contest listing **MUST** match the order in which they appear in the Political Party Master (first by office group and then by contest within the office group). For example, if the HPM Party file has Republicans first, Democrats second and nonpartisan third, you **MUST** enter the registered voters into the HPM Precinct file in the same order. You must then code the Registered Voters Total first, the Registered Voters Republican, then Democrat and Nonpartisan. If a registration total for a party is zero, the zero must appear in the Precinct File.



7. In the **Text** box, type a dash, press SPACE, and type the text you want associated with this Counter Type.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features **HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:**

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

For example, if this contest is the ballots counted statistic for the Democratic Party, you might type the following:

– DEMOCRATIC PARTY

BALLOTS COUNTED – DEMOCRATIC PARTY would then print on the reports.



NOTE: The **Destination**, **District Subtotal on IV-C Contests**, and **On Eagle Tape** fields are no longer available.

Buttons Available on the Change Statistical Contest Window

Use this button...	To perform this action...
Update	Save the information you have entered and return to the Contest Number box.
Don't Update	Clear all information you have entered and return to the Contest Number box.
Delete	Delete the information on the screen and return to the Contest Number box.
Close	Return to the main menu.

Print Only Contests

Print Only contests are no longer available.

NOTICE OF UNCERTIFIED FUNCTIONALITY

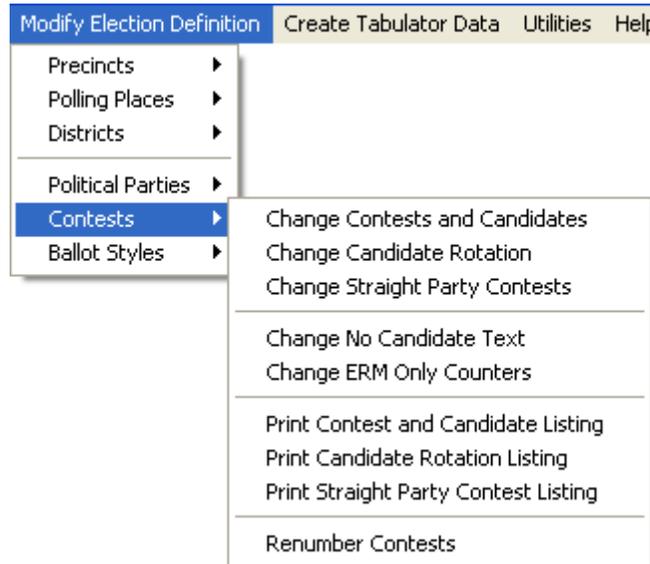
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Change Candidate Rotation

Occasionally it will be necessary to manually change the rotation of contests after using the automatic create.



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

1. From the Modify Election Definition menu, point to **Contests**, and select **Change Candidate Rotation**.

The screenshot shows the 'Change Candidate Rotation' dialog box. At the top, there are input fields for 'Contest Number' (1111), 'District' (COU), and 'Rotation Number' (112). Below these are two columns of candidate information. The first column lists candidates 1 through 5 with their respective column and rotated position values. The second column lists candidate 6 with its respective column and rotated position values. At the bottom, there is a list of precincts with their IDs and names.

#	Column	Rotated Position	Candidate
1.	1	16	1 6 DAVIS/MURRAY
2.	1	17	1 7 FOLKES/McDONALD
3.	1	18	1 8 HOWARD/WIELER
4.	1	19	1 9 MARTIN/LINDSEY
5.	1	20	1 10 MARTINEZ/DePOOR
6.	1	21	1 11 SMITH/LEFT

Precincts (Maximum selection is 2,000)

0011	Precinct 11
0024	Precinct 24
0031	Precinct 31
0033	Precinct 33
0045	Precinct 45
0053	Precinct 53

2. In the **Rotation Number** box, select the rotation style number for this rotation record (beginning with 1 and continuing through 70).



NOTE: Home ballot positions are derived from the column and the ballot position entered using the Change Contest and Candidate option and must not be changed.

NOTE: Rotation records must be consecutive.

3. In the **District** box, select the district code, if this rotation is district specific.
4. In the **Column** box, enter the actual column in which this candidate's name will appear for this rotation. This may be a different column than the home column if the contest appears in different columns on different ballots.
5. In the **Rotated Position** box, enter the actual ballot position in which this candidate's name will appear for this rotation.
6. From the **Precinct** list, select the precincts that will use the candidates in this rotation style.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

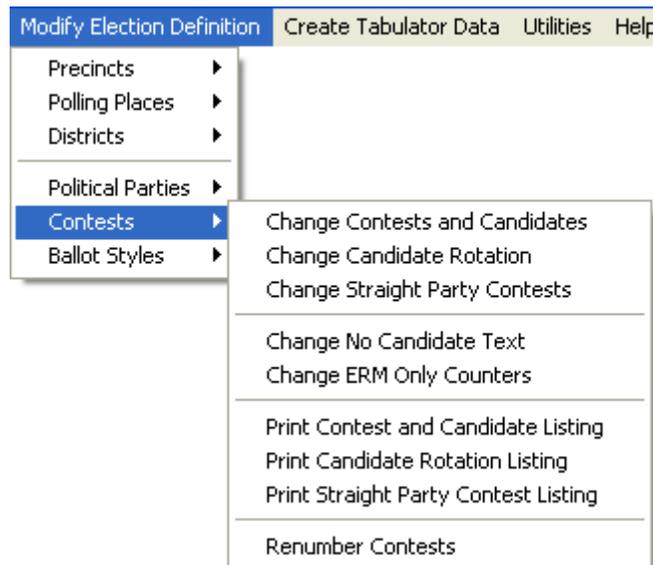
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

Buttons Available on the Change Candidate Rotation Window

Use this button...	To perform this action...
Previous Candidate	Move to the previous screen of candidates.
Next Candidate	Move to the next screen of candidates.
Update	Save the information you have entered and return to the Contest Number box.
Don't Update	Clear all information you have entered and return to the Contest Number box.
Delete	Delete the information on the screen and return to the Contest Number box.
Close	Return to the main menu.

Change Straight Party Contests

Straight party and pick-a-party contests and all of the contests affected by them must be defined. The affected contests must immediately follow the straight party contest. You can define up to 150 affected contests for each straight party contest. You may enter four ranges of contests as well as individual contests.



NOTICE OF UNCERTIFIED FUNCTIONALITY

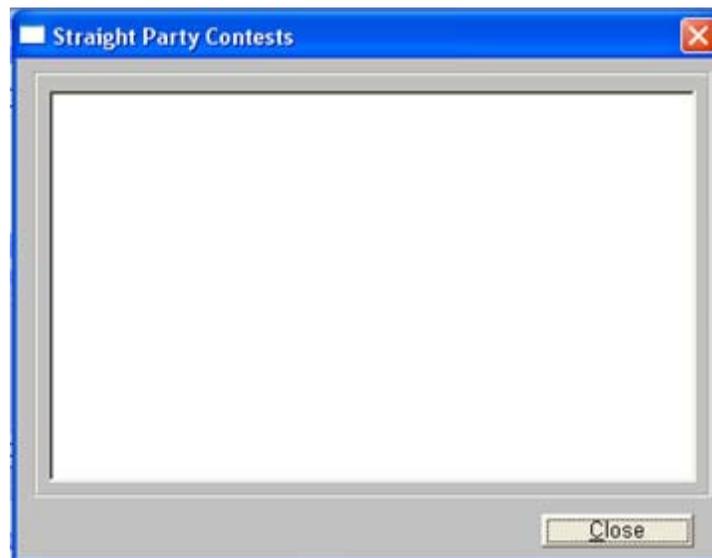
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

1. From the Modify Election Definition menu, point to **Contests** and select **Change Straight Party Contests**. The Change Straight Party Contests window will appear.



2. Select one of the following:
 - Select **File Maintenance** to define or make change to the straight party contests for this election and the contests that are affected by them.
 - Select **Reset for new election** to delete all straight party information in this file.
3. Click the **Current Straight Party Contests** button to view a list of the straight party contests that have been defined. If no contests have been defined, this window will be empty.



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

4. Close the Straight Party Contests window and select the **File Maintenance** option to open the **Change Straight Party Contests** window.

5. In the **Contest Number** box, enter the number of the straight party contest.
Or, click the **Contest** button to open the Contest List window. Select the straight party contest from the list.
6. In the **Ranges of Contests Affected** boxes, enter the ranges of the contests that are affected by this straight party contest.

If there are crossover votes, only the votes cast for candidates of the selected party preference will be counted. A primary election **must** contain partisan candidates but may also contain nonpartisan contests.
7. In the **Individual Contests Affected (Maximum Selection is 150)** frame, click **Contest** if any individual contests are affected, and select those contest numbers. Any contests affected must immediately follow the straight party contest.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



NOTE: For the Pick-a-Party contest, parties must be entered on the Contests and Candidates screen in the same numerical order as they were defined on the Party Master.



NOTE: You are allowed to enter up to 150 affected contests for each Straight Party or Pick-a-Party Contest defined. You may enter four ranges of contests as well as individual contests. If you have more than 150 affected contests, you must define another straight party contest for the remainder.



Warning: If there are multiple straight party contests in an election, they must all be coded to print or not to print. You cannot have some print and some not print.

- Click **Update** to save the information you have entered.

Buttons Available on the Change Straight Party Contests Window

Use this button...	To perform this action...
Update	Save the information you have changed
Don't Update	Clear all information you have entered and return to the Contest Number box.
Delete	Delete the straight party contest displayed in the Contest Number box.
Close	Return to the main menu.

NOTICE OF UNCERTIFIED FUNCTIONALITY

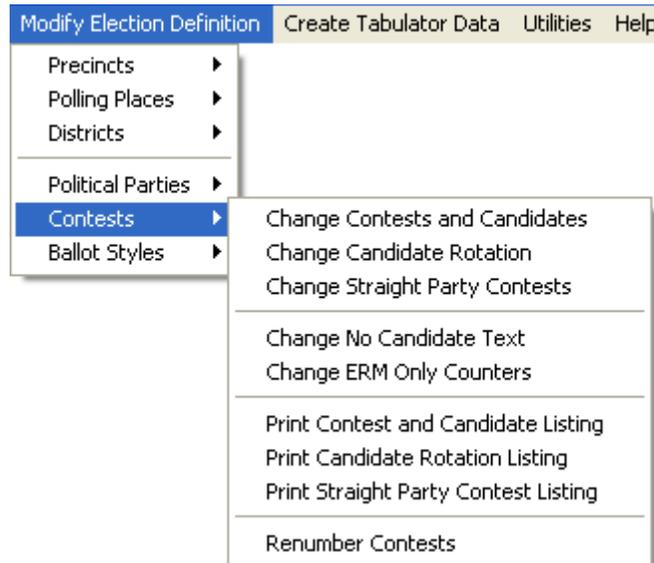
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Change No Candidate Text

Use this option to enter the text to be associated with “N/C” and additional text to be treated by the tabulator as “N/C”. This is to ensure that no votes will be cast in this contest.



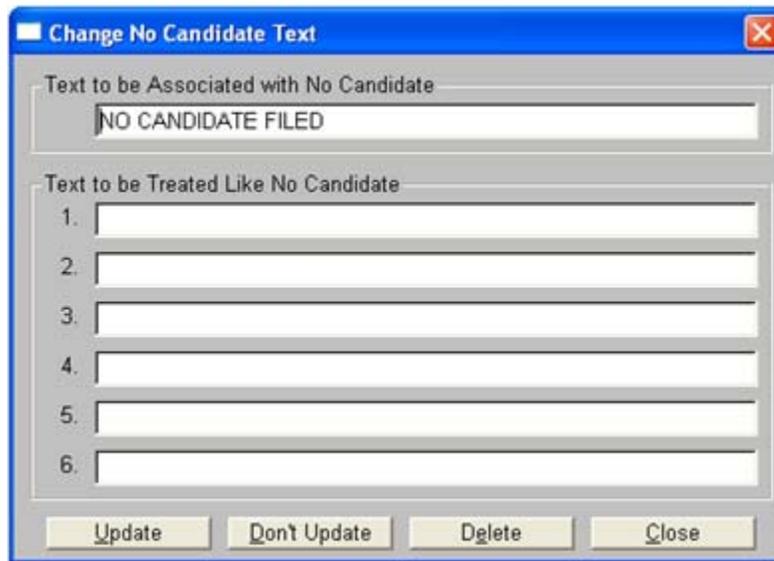
1. From the Modify Election Definition menu, point to **Contests**, and select **Change No Candidate Text**. The Change No Candidate Text window appears.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



2. In the **Text to be Associated with No Candidate** box, type the text you want to appear on the ballot when there is no candidate running. This text will replace the **N/C** that was entered in the **Candidate Name** field on the **Contests and Candidates** screen.
3. In the **Text to be Treated Like No Candidate** box, type any other text that might appear in the **Candidate Name** field that you want to be treated like the **N/C** on the tabulators.

Buttons Available on the Change No Candidate Text Window

Use this button...	To perform this action...
Update	Save the information you have changed
Don't Update	Clear all information you have entered and return to the Text to be Associated with No Candidate box.
Delete	Delete the no candidate text displayed in the Text to be Associated with No Candidate box.
Close	Return to the main menu.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

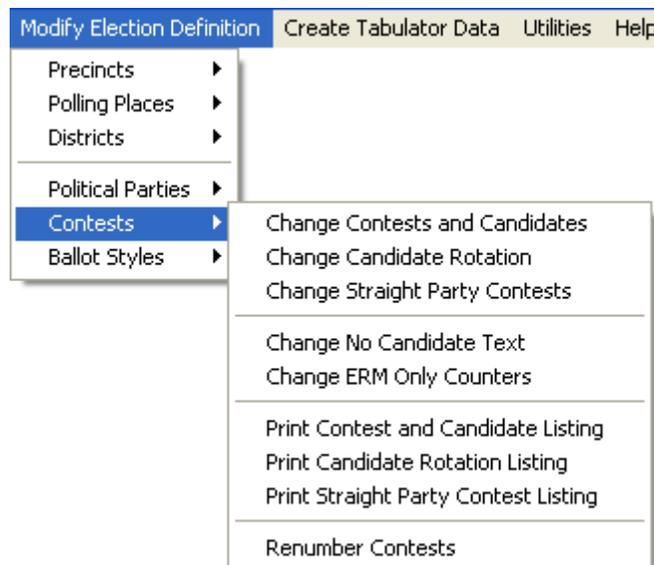
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Change ERM Only Counters

Use this option to create counters that will display in Election Reporting Manager (ERM) but do not appear in the files used by the counting equipment. These counters print on all reports. They also appear on ERM display screens and the manual entry screen. Because they are not updated by reading transfers, you must update the counters using manual entry.



NOTE: This menu item is used for Minnesota, and is not being supported for this release.



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

1. From the Modify Election Definition menu, point to **Contests** and select **Change ERM Only Counters**.

	Code	Text
1.	<input type="text" value="R"/> / <input type="text" value="W"/>	<input type="text" value="Registered Write-In"/>
2.	<input type="text" value="T"/> / <input type="text" value="V"/>	<input type="text" value="Total Voters"/>
3.	<input type="text"/> / <input type="text"/>	<input type="text"/>
4.	<input type="text"/> / <input type="text"/>	<input type="text"/>
5.	<input type="text"/> / <input type="text"/>	<input type="text"/>
6.	<input type="text"/> / <input type="text"/>	<input type="text"/>
7.	<input type="text"/> / <input type="text"/>	<input type="text"/>
8.	<input type="text"/> / <input type="text"/>	<input type="text"/>
9.	<input type="text"/> / <input type="text"/>	<input type="text"/>
10.	<input type="text"/> / <input type="text"/>	<input type="text"/>
11.	<input type="text"/> / <input type="text"/>	<input type="text"/>
12.	<input type="text"/> / <input type="text"/>	<input type="text"/>

2. Enter the user-defined code that will identify this counter type. You can define up to 12 counters.
3. Enter the description of this counter code.

These ERM Only codes can now be entered on the Change Contests and Candidates screen. You may enter multiple ERM Only counters in any contest. However, the ERM Only codes must be the last candidate entries in the contest.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

- On the Change Contests and Candidates screen, enter the column number and ballot position of this counter on the line after the last candidate. Then enter the ERM Only code in the **Candidate Name** box.

The screenshot shows the 'Change Contests and Candidates' window. The 'Contest Number' is 103. The 'Title' is 'U.S. HOUSE OF REPRESENTATIVES' and 'HARRISON COUNTYWIDE'. The 'Party' is 'REP' (Republican). The 'OPTECH Title' is 'U.S. HOUSE OF REP' and 'HARRISON C'. The 'Vote for' is 1, 'District' is 'COU - NTY'. The 'Special Type' is '(None)'. There are checkboxes for 'Over/Under', 'Write-ins', and 'Query Undervotes'. Below this is a table of candidates:

#	Col	BP	Candidate Name
1.	1	12	Michael Lett
2.	1	13	Steven A. McCaleb
3.	1	14	Dr. Karl Cleveland Mertz
4.	1	15	R/W
5.			

Buttons at the bottom include 'Delete Candidate', 'Previous Candidate Page', 'Next Candidate Page', 'Update', 'Don't Update', 'Delete', and 'Close'.

The **Update Election Results Manually** screen in ERM will be similar to the following example, based on the information in the previous two screens.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Category	Value
REGISTERED VOTERS - TOTAL	
BALLOTS CAST - TOTAL	
REP-U.S. HOUSE OF REPRESENTATIVES	
Michael Lott	201
Steven A. McCaleb	122
Dr. Karl Cleveland Mertz	321
REGISTERED WRITE-IN	50
OVER VOTES	
UNDER VOTES	

Print Contest and Candidate Listing

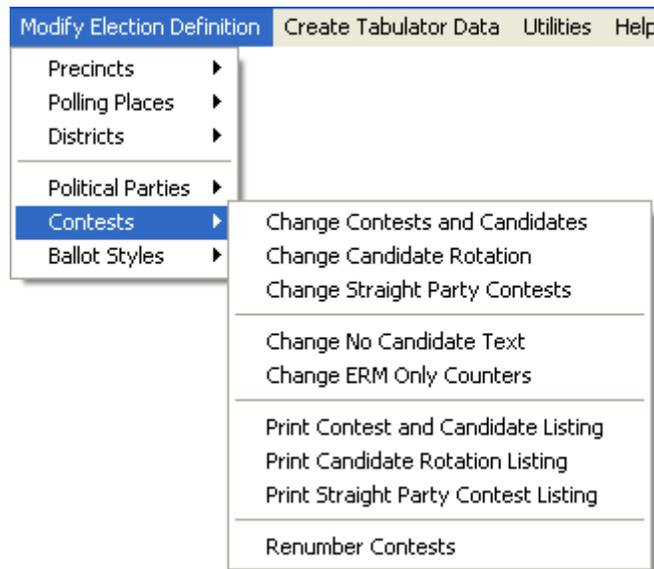
After defining contests and candidates, print the contest and candidate information and proof it carefully. This information appears in contest number order.

NOTICE OF UNCERTIFIED FUNCTIONALITY

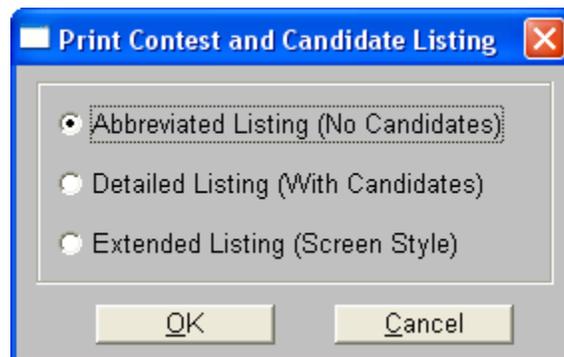
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



1. From the Modify Election Definition menu, point to **Contests**, and select **Print Contest and Candidate Listing**.



2. Select the type of information you want to print.
 - Select **Abbreviated Listing (No Candidates)** if you want the list to provide contest number, contest title, contest device title, number of candidates, votes allowed, and contest type.
 - Select **Detailed Listing (With Candidates)** if you want the list to provide contest number, contest title, column number, device contest title, device candidate name, number of candidates, votes allowed, and contest type in a concise format.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

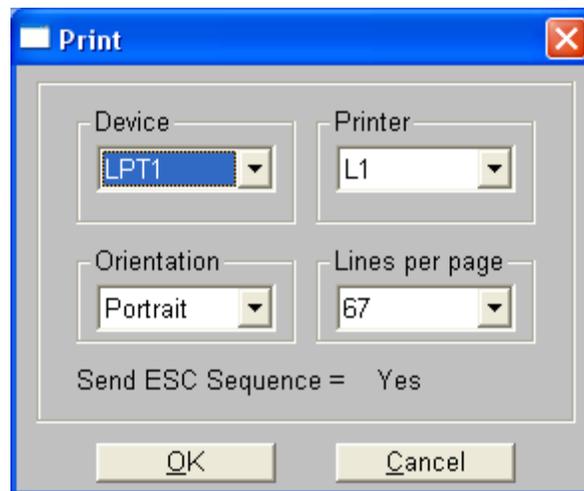
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

- Select **Extended Listing (Screen Style)** if you want the list to provide a detailed contest listing in the screen style format showing all information as entered on the screen.



NOTE: If the election is coded as system type **P**, destination codes do not print.

3. Click **OK**. The Print window appears.



4. From the **Device** list, select where the report will print.
 - Select **Disk** to print the report to the hard disk drive.
 - Select **LPT1**, **LPT2** or **LPT3** to print the report to the printer hooked up to a parallel port.
 - Select **COM1**, **COM2** to print the report to the printer hooked up on a serial port.
5. From the **Printer** list, select **L1**, **L2**, or **L3** for the correct laser printer or select **P1**, **P2**, or **P3** for the correct line printer.

If you select **L1**, **L2**, or **L3**, continue with steps 6 and 7. If you select **P1**, **P2**, or **P3**, skip to step 9.

Laser Printer

6. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select an option from the **Orientation** list.

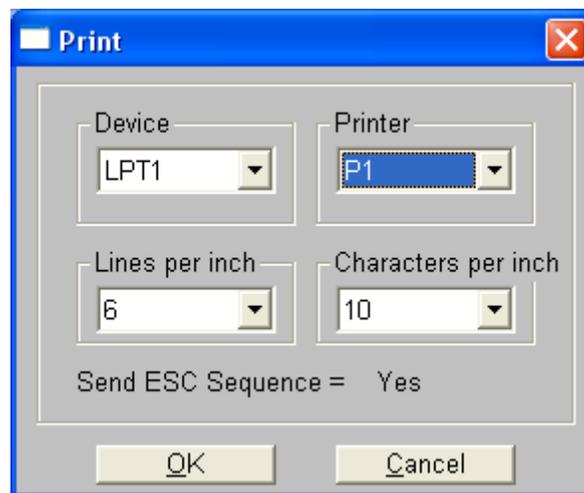
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

- Select **Portrait** to print in 8.5" x 11" mode
 - Select **Landscape** to print in 11" x 8.5" mode.
7. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select the number of lines to print per page from the **Lines per page** list
 - Select **59**, **67**, **79**, **96**, or **118** if you selected **Portrait** from the **Orientation** list.
 - Select **44**, **50**, **59**, **70** or **89** if you selected **Landscape** from the **Orientation** list.
 8. Skip to step 11.

Line Printer



9. From the **Lines per inch** list, choose to print **6** or **8** lines per inch.
10. From the **Characters per inch** list, select to print **10** or **16** characters per inch.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

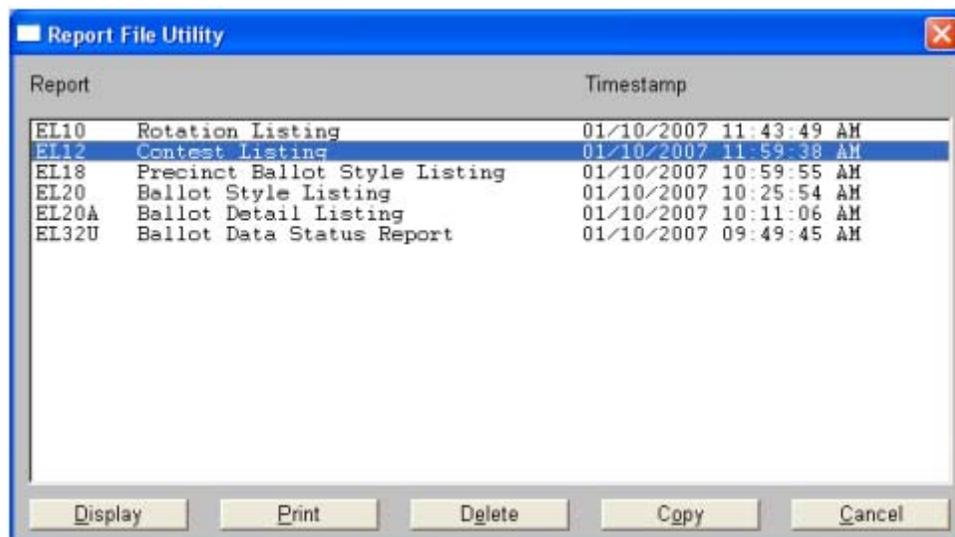
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

11. Click **OK**. If the **Device** is set to **Disk**, the Print Precinct/Ballot Style Listing window appears. Otherwise, the report will print directly to the printer you chose.



12. Click **OK**. The Report File Utility window appears.



13. Select from the following options.

Buttons Available on the Report File Utility Window

Use this button...	to perform this action...
Display	Display the selected report on your screen for immediate viewing
Print	Print the selected report to the device you specify

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Buttons Available on the Report File Utility

Use this button...	to perform this action...
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify
Cancel	Returns you to the main menu

If you select **Display**, the [EL12, Contest Listing](#) window will appear.



Refer to the [EL12, Contest Listing](#) heading in this chapter for a sample of the EL12, Contest Listing.

When you display a report, a menu bar is available at the top left of the report screen.

File Edit View Search

- ❖ Click **Edit** to change the font size.
- ❖ Click **View** to move around within the report.

View Menu Options

To perform this action...	Select this option...	Or, press...
Move to a specific page of the report	Go to page	Ctrl + G
Move forward one page	Next page	Ctrl + N
Move back one page	Previous page	Ctrl + P
Move to the first page of the report	First page	Ctrl + F
Move to the last page of the report	Last page	Ctrl + L

- ❖ Click **Search** and select **Find** to find a particular name or string of text, and then enter the text string. Press F3 or select **Find Next** to find the next instance of that string. The program will then find the text and highlight it.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

EL12, Contest Listing

3			
arch			
2:15 PM		YOUR COUNTY ELECTION HARDWARE PROGRAMMING MANAGER CONTEST LISTING	ELECTION ID: P REPORT-EL12-01
TITLE	CONTEST DEVICE TITLE	#	UT CNDS FOR DISTRICT ROT
ED VOTERS - TOTAL			
CAST - TOTAL			
CAST - REPUBLICAN PARTY			
CAST - DEMOCRATIC PARTY			
CAST - NONPARTISAN			
representative 11	U.S. Representative DISTRICT 11	6	1 CGL-011
Lt. Governor	Governor/Lt. Governor	6	1 COU-NTV Y
ner of Education	Commissioner of Education	3	1 COU-NTV Y
ner of Agriculture	Commissioner of Agriculture	3	1 COU-NTV Y
ate 14	State Senate DISTRICT 14	2	1 SEN-014 Y
representative 34	State Representative DISTRICT 34	2	1 REP-034 Y
representative 36	State Representative DISTRICT 36	4	1 REP-036 Y
representative 37	State Representative DISTRICT 37	3	1 REP-037 Y
representative 38	State Representative DISTRICT 38	2	1 REP-038 Y
mission Chairman	County Commission Chairman	2	1 COU-NTV Y
mission 4	County Commission DISTRICT 4	3	1 CCM-004 Y
ard 1	School Board DISTRICT 1	2	1 SCH-001 Y
ard, District 2 EE PARTISAN	School Board, District 2 TALLAHASSE E PAR	3	2 CIP-001
nan 3	Committeeman PRECINCT 3	3	1 CMM-003

NOTICE OF UNCERTIFIED FUNCTIONALITY

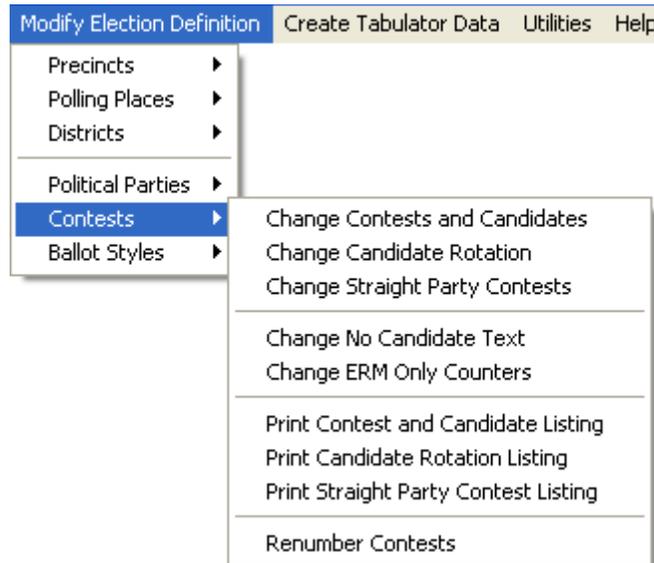
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

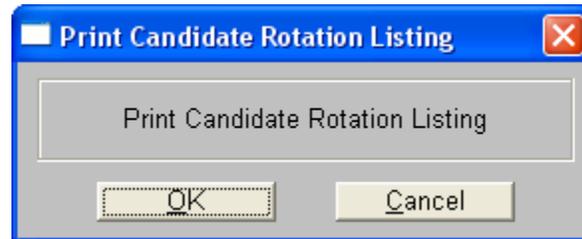
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Print Candidate Rotation Listing

This list shows each contest, the rotation number, and the candidates along with their rotated column and ballot positions and a list of precincts using that rotation. Proof this list carefully.



1. From the Modify Election Definition menu, point to **Contests**, and select **Print Candidate Rotation Listing**.



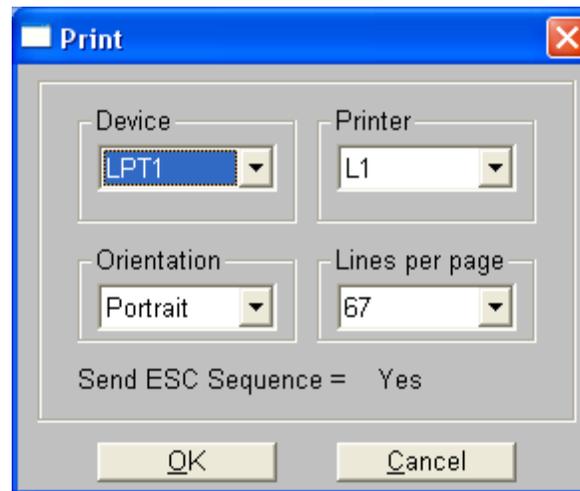
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

- Click **OK**. The Print window appears.



- From the **Device** list, select where the report will print.
 - Select **Disk** to print the report to the hard disk drive.
 - Select **LPT1**, **LPT2** or **LPT3** to print the report to the printer hooked up to a parallel port.
 - Select **COM1**, **COM2** to print the report to the printer hooked up on a serial port.
- From the **Printer** list, select **L1**, **L2**, or **L3** for the correct laser printer or select **P1**, **P2**, or **P3** for the correct line printer.

If you select **L1**, **L2**, or **L3**, continue with steps 5 and 6. If you select **P1**, **P2**, or **P3**, skip to step 8.

Laser Printer

- If you selected **L1**, **L2**, or **L3** from the **Printer** list, select an option from the **Orientation** list.
 - Select **Portrait** to print in 8.5" x 11" mode

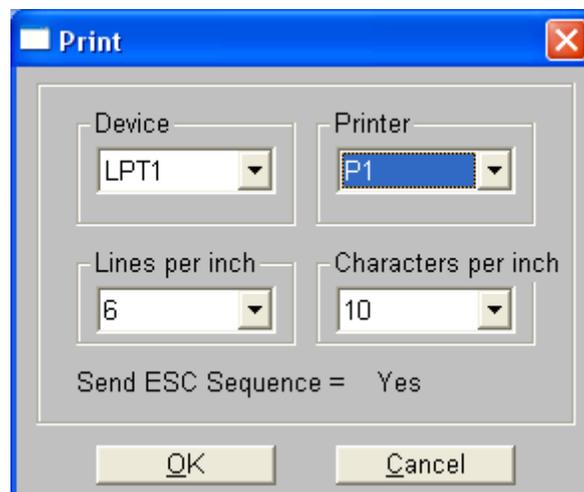
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

- Select **Landscape** to print in 11" x 8.5" mode.
6. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select the number of lines to print per page from the **Lines per page** list
 - Select **59**, **67**, **79**, **96**, or **118** if you selected **Portrait** from the **Orientation** list.
 - Select **44**, **50**, **59**, **70** or **89** if you selected **Landscape** from the **Orientation** list.
 7. Skip to step 10.

Line Printer



8. From the **Lines per inch** list, choose to print **6** or **8** lines per inch.
9. From the **Characters per inch** list, select to print **10** or **16** characters per inch.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

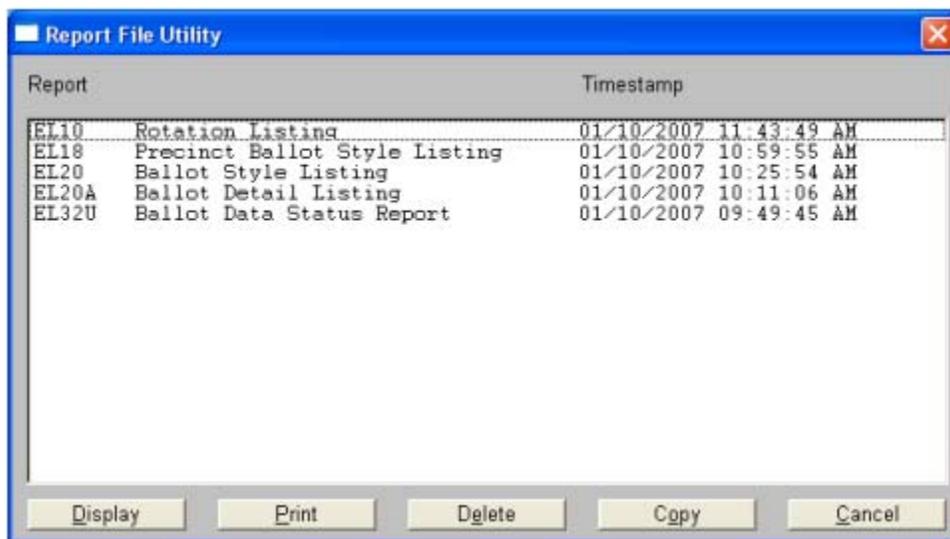
- Automated Bar Code Reader (ABCR) •iVotronic DRE •Model 100 •Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) •All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

10. Click **OK**. If the **Device** is set to **Disk**, the Print Precinct/Ballot Style Listing window appears. Otherwise, the report will print directly to the printer you chose.



11. Click **OK**. The Report File Utility window appears.



12. Select from the following options.

Buttons Available on the Report File Utility Window

Use this button...	To perform this action...
Display	Display the selected report on your screen for immediate viewing
Print	Print the selected report to the device you specify

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Buttons Available on the Report File Utility Window *(continued)*

Use this button...	To perform this action...
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify
Cancel	Return you to the main menu

If you select **Display**, the [EL10, Rotation Listing](#) window will appear.



Refer to the [EL10, Rotation Listing](#) heading in this chapter for a sample of the EL10, Rotation Listing.

When you display a report, a menu bar is available at the top left of the report screen.

File Edit View Search

- ❖ Click **Edit** to change the font size.
- ❖ Click **View** to move around within the report.

View Menu Options

To perform this action...	Select this option...	Or, press...
Move to a specific page of the report	Go to page	Ctrl + G
Move forward one page	Next page	Ctrl + N
Move back one page	Previous page	Ctrl + P
Move to the first page of the report	First page	Ctrl + F
Move to the last page of the report	Last page	Ctrl + L

- ❖ Click **Search** and select **Find** to find a particular name or string of text, and then enter the text string. Press F3 or select **Find Next** to find the next instance of that string. The program will then find the text and highlight it.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

EL10, Rotation Listing

11									
Search									
Phase 1 Tallahassee 06/26/01									
ELECTION ID: 1									
REPORT-EL10									
3	3:18 PM	TITLE:School Board DISTRICT		PARTY:2	SELECTION:SCH 003	CANDIDATES:02			
		STYLE:002			STYLE:003		STYLE:004		
		1 28 BASSETT			2 6 BASSETT		2 11 BASSETT		
		1 29 STEWART			2 7 STEWART		2 12 STEWART		
3	10	PRECINCTS:	2	39 40	PRECINCTS:	11 31 45	PRECINCTS:	24 33	

TITLE:City Race UPC TALLAH									
PARTY:2									
SELECTION:CIP 001									
CANDIDATES:02									
STYLE:002									
STYLE:003									
2 17 LESTER									
2 18 JESTER									
1 16 LESTER									
1 17 JESTER									
PRECINCTS: 33									
PRECINCTS: 33									

TITLE:Circuit Court Judge									
PARTY:0									
SELECTION:CIR 024									
CANDIDATES:03									
STYLE:002									
STYLE:003									
STYLE:004									
2 23 DAVIS									
2 24 GOLDMAN									
2 25 PHILLIPS									
3 13 DAVIS									
3 14 GOLDMAN									
3 15 PHILLIPS									
11	31	PRECINCTS:	2	33 39	PRECINCTS:	3 10 40	PRECINCTS:	11	

STYLE:006									
STYLE:007									
STYLE:008									
3 12 DAVIS									
3 13 GOLDMAN									
3 14 PHILLIPS									
2 6 DAVIS									
2 7 GOLDMAN									
2 8 PHILLIPS									
1 34 DAVIS									
1 35 GOLDMAN									
1 36 PHILLIPS									

NOTICE OF UNCERTIFIED FUNCTIONALITY

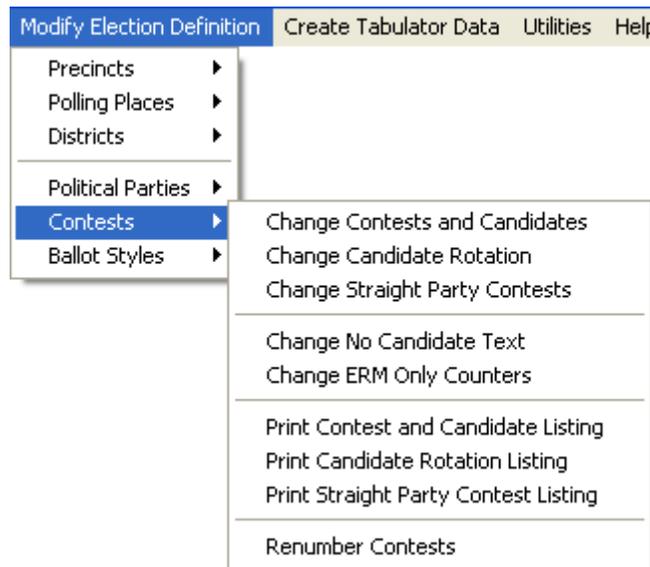
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Print Straight Party Contest Listing

Use this option to print a list of the straight parties and the contests affected by them for this election.



1. From the Modify Election Definition menu, point to **Contests**, and select **Print Straight Party Contest Listing**.



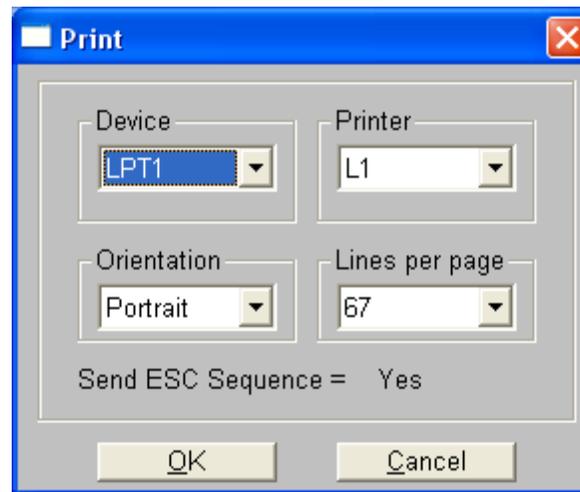
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

2. Click **OK**. The Print window appears.



3. From the **Device** list, select where the report will print.
 - Select **Disk** to print the report to the hard disk drive.
 - Select **LPT1**, **LPT2** or **LPT3** to print the report to the printer hooked up to a parallel port.
 - Select **COM1**, **COM2** to print the report to the printer hooked up on a serial port.
4. From the **Printer** list, select **L1**, **L2**, or **L3** for the correct laser printer or select **P1**, **P2**, or **P3** for the correct line printer.

If you select **L1**, **L2**, or **L3**, continue with steps 5 and 6. If you select **P1**, **P2**, or **P3**, skip to step 8.

Laser Printer

5. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select an option from the **Orientation** list.
 - Select **Portrait** to print in 8.5" x 11" mode

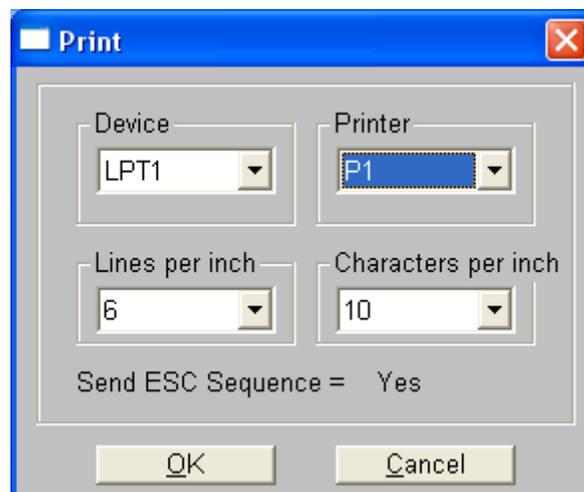
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

- Select **Landscape** to print in 11" x 8.5" mode.
6. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select the number of lines to print per page from the **Lines per page** list
 - Select **59**, **67**, **79**, **96**, or **118** if you selected **Portrait** from the **Orientation** list.
 - Select **44**, **50**, **59**, **70** or **89** if you selected **Landscape** from the **Orientation** list.
 7. Skip to step 10.

Line Printer



8. From the **Lines per inch** list, choose to print **6** or **8** lines per inch.
9. From the **Characters per inch** list, select to print **10** or **16** characters per inch.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

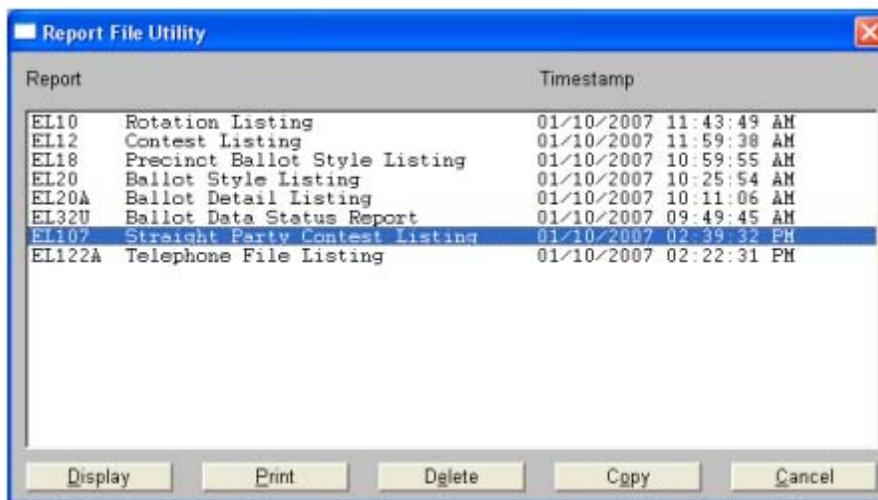
- Automated Bar Code Reader (ABCR) •iVotronic DRE •Model 100 •Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) •All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

10. Click **OK**. If the **Device** is set to **Disk**, the Print Precinct/Ballot Style Listing window appears. Otherwise, the report will print directly to the printer you chose.



11. Click **OK**. The Report File Utility window appears.



12. Select from the following options.

Buttons Available on the Report File Utility Window

Use this button...	To perform this action...
Display	Display the selected report on your screen for immediate viewing
Print	Print the selected report to the device you specify

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Buttons Available on the Report File Utility Window *(continued)*

Use this button...	To perform this action...
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify
Cancel	Return you to the main menu

If you select **Display**, the [EL107, Straight Party Contest Listing](#) window will appear.



Refer to the [EL107, Straight Party Contest Listing](#) heading in this chapter for a sample of the EL107, Straight Party Contest Listing.

When you display a report, a menu bar is available at the top left of the report screen.

File Edit View Search

- ❖ Click **Edit** to change the font size.
- ❖ Click **View** to move around within the report.

View Menu Options

To perform this action...	Select this option...	Or, press...
Move to a specific page of the report	Go to page	Ctrl + G
Move forward one page	Next page	Ctrl + N
Move back one page	Previous page	Ctrl + P
Move to the first page of the report	First page	Ctrl + F
Move to the last page of the report	Last page	Ctrl + L

- ❖ Click **Search** and select **Find** to find a particular name or string of text, and then enter the text string. Press F3 or select **Find Next** to find the next instance of that string. The program will then find the text and highlight it.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

EL107, Straight Party Contest Listing

f 1		
arch		
9:44 AM	YOUR COUNTY ELECTION HARDWARE PROGRAMMING MANAGER STRAIGHT PARTY CONTEST LISTING	ELECTION ID: C REPORT-EL107
NTEST	AFFECTED CONTEST	
TY		
	1100 U.S. Representative	
	1101 Governor/Lt. Governor	
	1102 Commissioner of Education	
	1103 Commissioner of Agriculture	
	1104 State Senate	
	1105 State Representative	
	1106 State Representative	
	1107 State Representative	
	1108 State Representative	

Renumber Contests

After all contests are entered and are complete, you may need to renumber some contests because of additions or changes. Use this option to renumber contests either by range or individually.



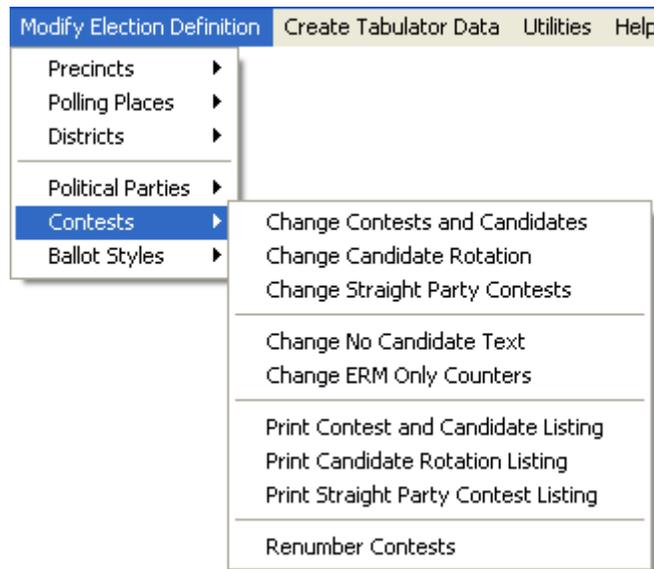
NOTE: Planning your contest sequence ahead of time will reduce your need for the Renumber Contests option.

NOTICE OF UNCERTIFIED FUNCTIONALITY

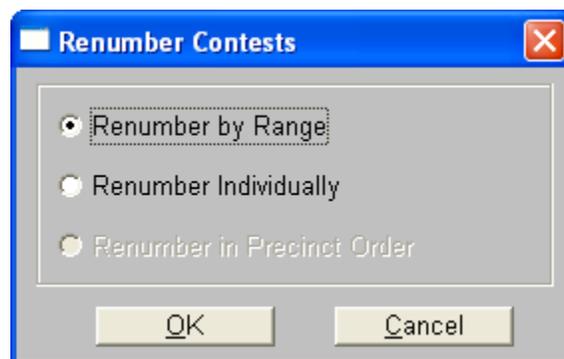
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



1. From the Modify Election Definition menu, point to **Contests**, and select **Renumber Contests**.



Warning: When renumbering, include all existing contest numbers in the ranges of contest numbers. Any contests not included in a range will be deleted.

2. Select one of the following options.
 - ❖ [Renumber by Range](#)
 - ❖ [Renumber Individually](#)

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Renumber by Range

If you select **Renumber by Range**, the following window appears.

The screenshot shows a dialog box titled "Renumber Contests". At the top, there are two input fields: "Increment to Renumber by" with the value "1" and "New Starting Number" with the value "5". Below these is a section titled "Starting-Ending Numbers to be Renumbered" which contains a grid of 40 "thru" boxes arranged in 8 rows and 5 columns. At the bottom of the dialog, there is a blue warning message: "Any existing numbers not included in above ranges will be deleted." and three buttons: "Update", "Don't Update", and "Close".

1. In the **Increment to Renumber by** box, type the number that you want to use to increment contest numbers.
2. In the **New Starting Number** box, enter the number you want to use for the first contest.
3. In the **Starting-Ending Numbers to be Renumbered** boxes, type the starting and ending contest number for each range of contests.
4. Click **Update** to run the renumber process.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



Warning: When renumbering, include all existing contest numbers in the ranges of contests numbers. Any contest not included in a range will be deleted.



NOTE: If HPM determines that you have excluded existing contests, a warning will appear on the screen, allowing you to make a decision to continue or to abandon the update.

Renumber Individually

If you select **Renumber Individually**, the following window appears.

Old Number	New Number	
1105	<input type="text"/>	State Representative
1106	<input type="text"/>	State Representative
1107	<input type="text"/>	State Representative
1108	<input type="text"/>	State Representative
1109	<input type="text"/>	County Commission Chairman
1110	<input type="text"/>	County Commission
1111	<input type="text"/>	School Board
1112	<input type="text"/>	School Board, District 2
1113	<input type="text"/>	Constableman
1114	<input type="text"/>	Constableman

Buttons: Copy All Old, Copy Old Number, Previous Screen, Next Screen, Update, Don't Update, Close

- In the **New Number** box, do one of the following:
 - If you want to change only a few contests, click the **Copy All Old** button to duplicate all contest numbers. Then change only the ones that need to be changed.
 - Type the new numbers for the contests that you want to change. Then, select each contest for which you do not want to change the numbers and click the **Copy Old Number** button to duplicate the contest number so that you do not have to type it manually.
- When you have entered all of the contest numbers, click **Update** to run the renumber process.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission



Warning: When renumbering, be sure each contest contains a number in the new number field. Any contest not containing a number in the new number field will be deleted.



NOTE: If HPM determines that you have excluded existing contests, a warning will appear on the screen, allowing you to make a decision to continue or to abandon the update.

Buttons Available on the Renumber Contests Window

Use this button...	To perform this action...
Copy All Old	Copy all old contest numbers into the New Number boxes
Copy Old	Copy the selected old contest number into the New Number box.
Previous Screen	Return to the previous screen of contests.
Next Screen	Advance to the next screen of contests
Update	Save the information you have entered and return to the New Number box.
Don't Update	Clear all information you have entered and return to the New Number box.
Close	Return to the main menu.

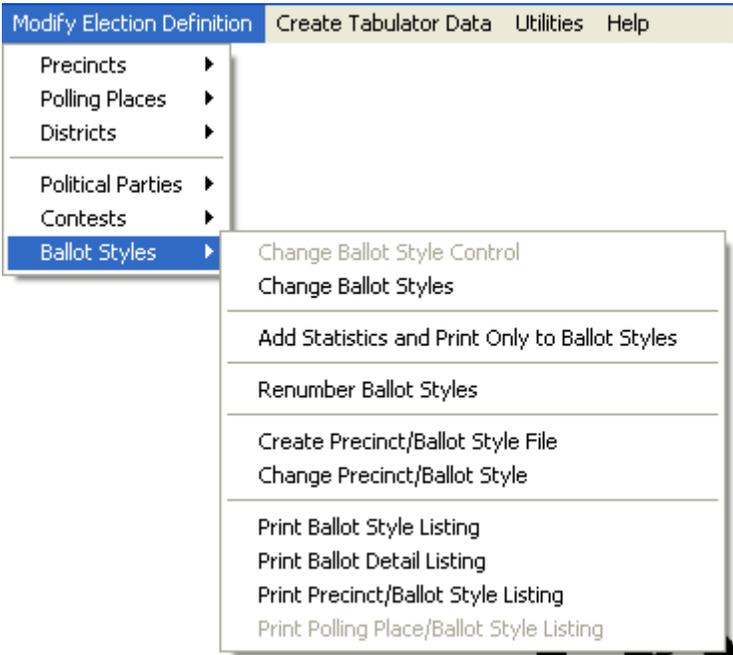
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 20: Ballot Styles



NOTICE OF UNCERTIFIED FUNCTIONALITY

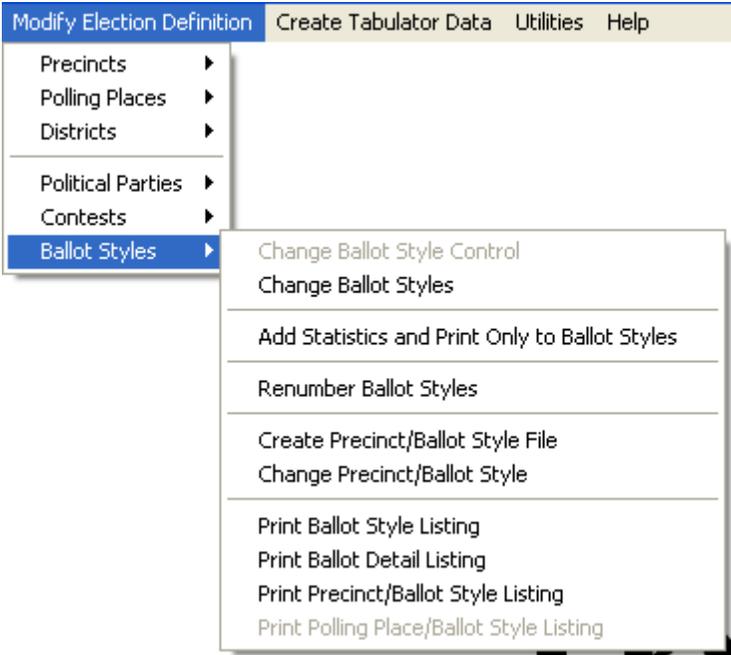
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

Change Ballot Style Control

The Ballot Control File is used when creating ballot styles, precinct/ballot styles and final database. This file enables you to determine how the security code positions are used.

Security code fields are used to define the precinct number, the ballot style number, a split precinct or a party code in a closed primary election. There are eight positions in both the left and right codes. The two together form a 16-bit binary number with the left code being the left eight positions and the right code being the right eight positions. Any number of positions can be assigned to any field but they must be contiguous. (for example, if a precinct code requires ten positions it can be assigned the bottom two positions on the left side and the entire right side) If 16 positions are not enough to define the ballot, additional positions can be defined, in groups of four positions, up to a maximum of 16 additional using the extended header option.

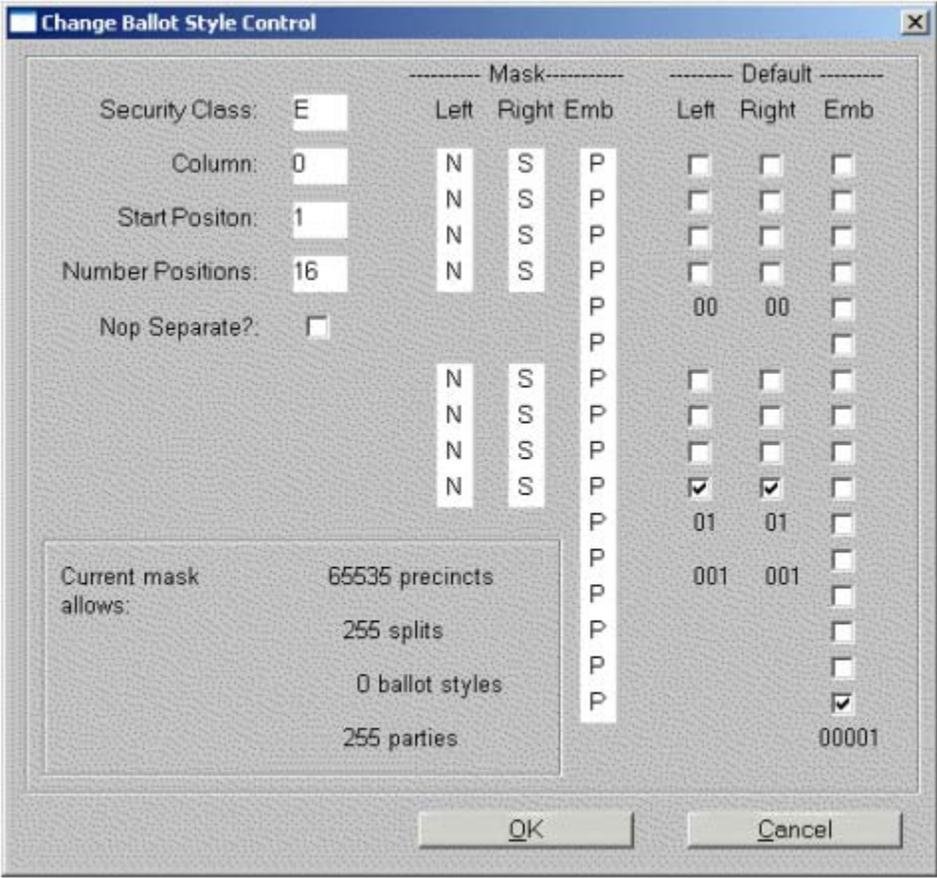


NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

- 1. From the Modify Election Definition menu, point to **Ballot Styles**, and select **Change Ballot Style Control**.



- 2. In the **Security Class** field, enter one of the following:



NOTE: Coding an election in HPM is not supported in this release.

Valid codes:

S - Standard

This security class is used when coding from scratch and having HPM use the security fields to insert ballot ID when running Create Ballot Style program and precinct and split ID when running Create Ballot Style by Precinct program.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

Valid codes: *(continued)*

E - Extended

This security class is usually used by a jurisdiction requires more than 16 positions to define all header code fields.

M - Mixed

If you entered M as the System Type on the Change Jurisdiction Master window, you must enter M here as the security class. This will be treated like the S class except that it will control the mask that is placed in the extra AB database created during the final database create.

N - Non-conventional

This security class is used when header codes are either are manually entered into the ballot styles or imported from an .IFC file and should not be modified by any create program.

3. In the **Column** field, select the number of the column on the ballot in which the embedded security will appear (if using embedded security). Valid columns are 0-3, 0-5, or 0-7, depending on the ballot width.
4. In the **Start Position** field, select the number of the first position that will be used for the embedded security.
5. In the **Number Positions** field, enter the number of positions in the column that will be used for the embedded security. Valid numbers are 0-16.
6. Select the **Nop Separate** check box, if you do not want non-partisan contests to appear on the same ballots. Be sure that this box is not selected if you do want non-partisan contests to appear on the same ballots. This field is available only if this is a closed primary. This field only applies when creating ballot styles in HPM. It has no affect when importing ballot styles from an .IFC file.
7. Complete the [Mask Fields](#).

Mask Fields

The mask is in effect for all ballot styles in this election. The mask will appear on other screens to remind you of the mask in effect, but it can only be changed on this window. The **Security Class**, **Column Number**, **Start Position**, and **Number Positions** fields for the embedded security also can only be changed on this window.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Party code is not required in the mask for a closed primary election. However, if it is to be a part of the mask, the appropriate positions will have to be changed to **N**. If precinct ID has been coded, those positions will have to be manually changed to **P**. Each ballot style by party must have a unique party/split code combination

If there are splits within a precinct, the split code or precinct ID must be part of the security code. The split code and precinct ID are interchangeable.

Valid codes:

S - Split number

P - Precinct number

N - Party number

B - Ballot ID number

When creating Eagle parameters, masks of B, N, or P will be converted to S and treated like a split code. If there are splits within a precinct, the split code or ballot ID must be part of the security code. The split code and ballot ID are interchangeable.

Party code is not mandatory in the mask for a closed primary election. However, if it is to be a part of the mask, the appropriate positions will have to be manually changed to N. If precinct ID has been coded, those positions will have to be manually changed to P. Each ballot style by party must have a unique party/split code combination.

Standard Security Mask

General Mask for Precinct ID Ballot		Primary Mask for Precinct ID Ballot	
Left	Right	Left	Right
S	P	N	P
S	P	N	P
S	P	N	P
S	P	N	P
S	P	S	P

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Standard Security Mask (continued)

General Mask for Precinct ID Ballot		Primary Mask for Precinct ID Ballot	
Left	Right	Left	Right
S	P	S	P
S	P	S	P
S	P	S	P

Standard Security Mask

General Mask for Ballot ID Ballot		Primary Mask for Ballot ID Ballot	
Left	Right	Left	Right
B	B	N	B
B	B	N	B
B	B	N	B
B	B	N	B
B	B	B	B
B	B	B	B
B	B	B	B
B	B	B	B

Extended Security Mask

General Mask for Precinct ID Ballot			Primary Mask for Precinct ID Ballot		
Left	Right	Extended	Left	Right	Extended
S	S	P	S	N	P
S	S	P	S	N	P
S	S	P	S	N	P
S	S	P	S	N	P

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Extended Security Mask (continued)

General Mask for Precinct ID Ballot			Primary Mask for Precinct ID Ballot		
Left	Right	Extended	Left	Right	Extended
S	S	P	S	N	P
S	S	P	S	N	P
S	S	P	S	N	P
S	S	P	S	N	P
		P			P
		P			P
		P			P
		P			P
		P			P
		P			P
		P			P
		P			P

Extended Security Mask

General Mask for Ballot by Ballot ID			Primary Mask for Ballot by Ballot ID		
Left	Right	Extended	Left	Right	Extended
S	S	B	S	N	B
S	S	B	S	N	B
S	S	B	S	N	B
S	S	B	S	N	B
S	S	B	S	N	B
S	S	B	S	N	B
S	S	B	S	N	B
S	S	B	S	N	B

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

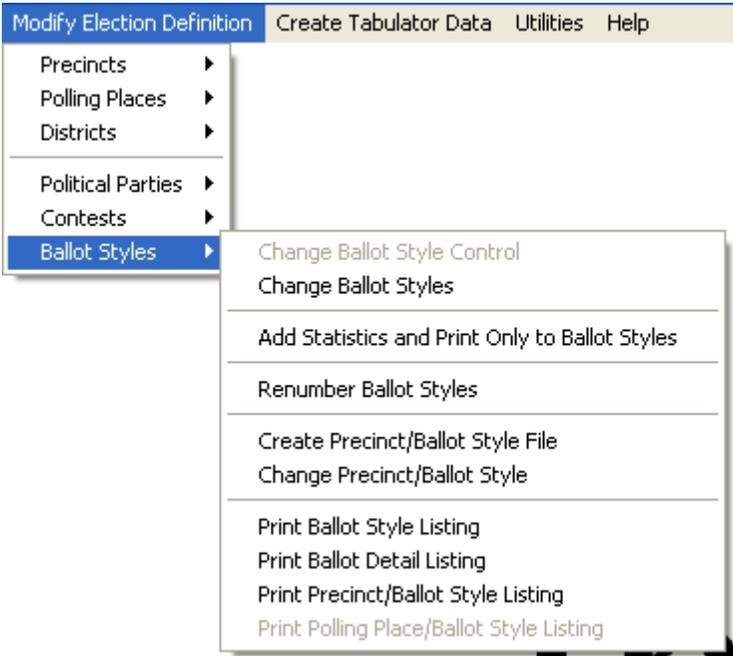
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

Extended Security Mask (continued)

General Mask for Ballot by Ballot ID			Primary Mask for Ballot by Ballot ID		
Left	Right	Extended	Left	Right	Extended
		B			B
		B			B
		B			B
		B			B
		B			B
		B			B
		B			B
		B			B

Change Ballot Styles

Use this option to manually create ballot styles or to change or delete existing ballot styles that have already been created.

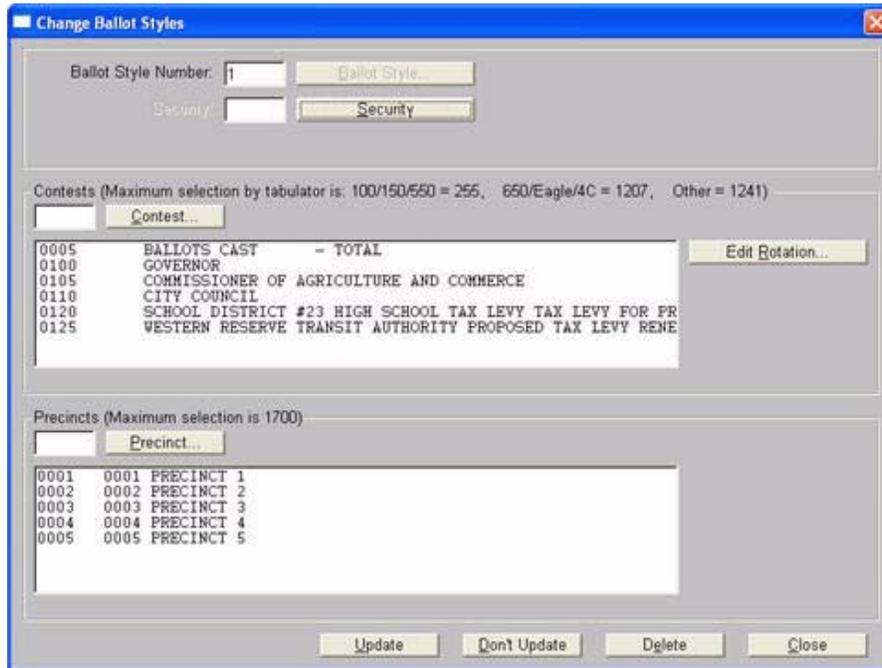


NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

1. From the Modify Election Definition menu, point to **Ballot Styles**, and select **Change Ballot Styles**. The Change Ballot Styles window appears.



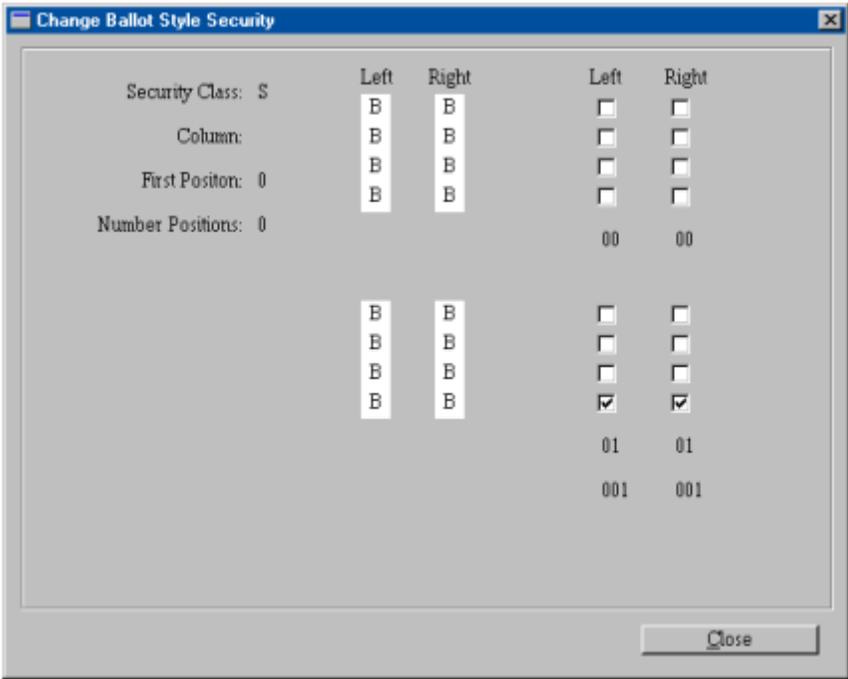
2. Type the number of the ballot style in the **Ballot Style Number** box, or click the **Ballot Style** button and select the ballot style number from the list.
3. Click **Security**. The Change Ballot Style Security window appears.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



4. In the **Left** and **Right** boxes, select the security codes you want to use for this ballot.
5. Click **Close** to return to the Change Ballot Style Security window.
6. Select the contests that you want to appear on this ballot from the **Contests** list.
7. Select a contest and click **Edit Rotation** to make changes to the rotations for that contest.
8. Click **Precinct** and select the precincts that will use this ballot style.
9. Click **Update** to save your entries.



NOTE: If you only made changes in the Change Ballot Style Security window, you must select **Update** or your changes will be lost.

Buttons Available on the Change Ballot Styles Window

Use this button...	To perform this action...
Update	Save the information you have entered.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

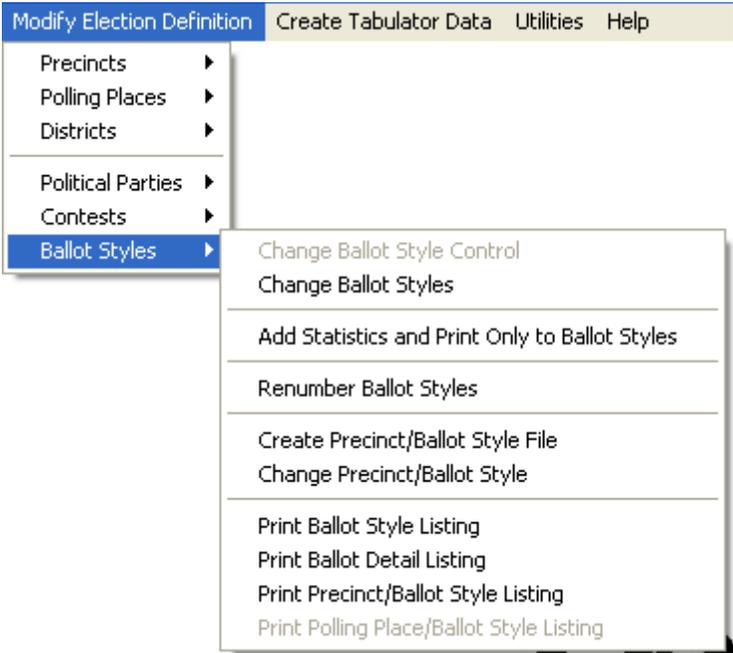
- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

Buttons Available on the Change Ballot Styles

Use this button...	To perform this action...
Don't Update	Clear all information you have entered and return to the Ballot Style Number box.
Delete	Delete all information on this screen and return to the Ballot Style Number box.
Close	Return to the main menu.

Add Statistics and Print Only to Ballot Styles

Use this option to add statistical or print only contests to the ballot styles that were imported into HPM. Do not use this option if the ballot styles were created in HPM.

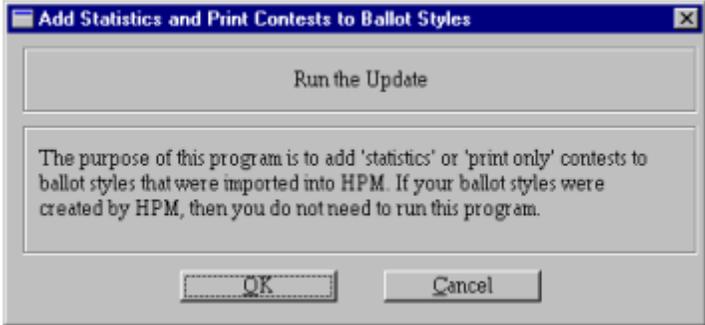


NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

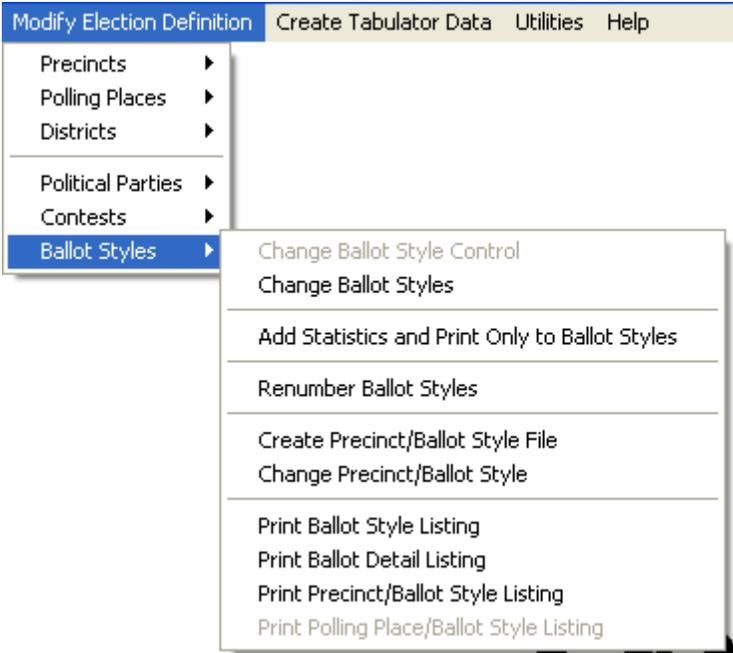
1. From the Modify Election Definition menu, point to **Ballot Styles**, and select **Add Statistics and Print Only to Ballot Styles**. The following window appears.



2. Click **OK**. The ballot styles will be updated automatically.

Renumber Ballot Styles

Use this option to renumber the ballot styles by range, individually, or in precinct order.

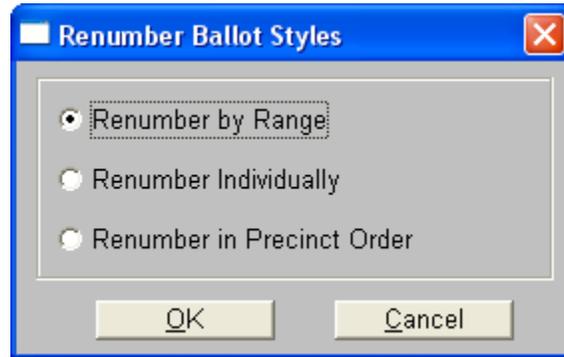


NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features **HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:**

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

1. From the Modify Election Definition menu, point to **Ballot Styles**, and select **Renumber Ballot Styles**. The following window appears.

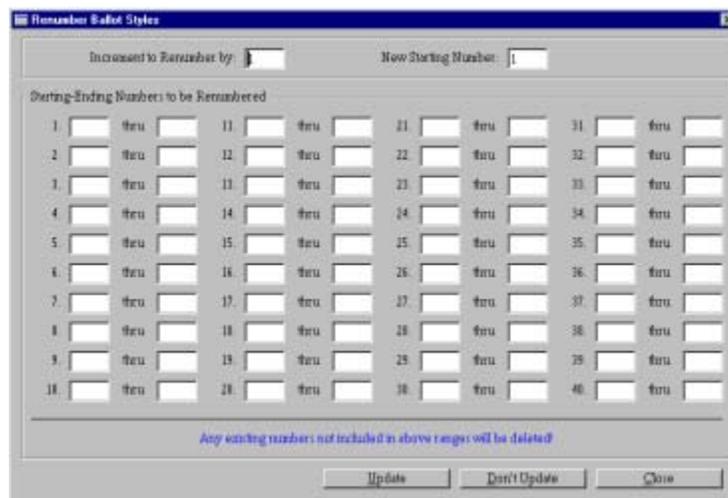


2. Select one of the following.
 - [Renumber by Range](#)
 - [Renumber Individually](#)
 - [Renumber in Precinct Order](#)

The window that appears depends on the option you select.

Renumber by Range

If you select Renumber by Range, the following window appears.



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

1. In the **Increment to Renumber by** box, enter the number to increment the ballot style numbers by.
2. In the **New Starting Number** box, enter the new starting number.
3. In the **Starting-Ending Numbers to be Renumbered** frame, enter the starting and ending ballot style number for each range of ballot styles you want to change.



Warning: When renumbering, include all existing ballot style numbers in the ranges of ballot style numbers. Any ballot style not included in a range will be deleted.



NOTE: If the program determines that you have excluded existing contests, a warning will display on the screen, allowing you to make a decision to continue or to abandon the update.

4. Click **Update** to run the renumbering process.

Renumber Individually

If you select Renumber Individually, the following window will appear.

Old Number	New Number
11	10
12	11
13	12
14	13
15	17
16	15
17	16
18	14
19	18
20	

1. In the **New Number** field to the right of the **Old Number** field (existing number), do the following:

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

- If you want to change only a few ballot styles, click the **Copy All Old** button to duplicate all ballot style numbers. Then change only the numbers that need to be changed.
- Change the numbers that need to be changed. Then, for each number that does not need to be changed, click the **Copy Old Number** button to duplicate the ballot style number of the entry currently selected so that you do not have to manually enter it.



Warning: When renumbering, include all existing ballot style numbers in the ranges of ballot style numbers. Any ballot style not included in a range will be deleted.



NOTE: If the program determines that you have excluded existing contests, a warning will display on the screen, allowing you to make a decision to continue or to abandon the update.

2. When you have entered all of the new ballot style numbers, click **Update** to run the renumber process.

Buttons Available on the Renumber Ballot Styles Window

Use this button...	To perform this action...
Copy All Old	Copy all old ballot style numbers into the New Number boxes
Copy Old	Copy the selected old ballot style into the New Number box.
Previous Screen	Return to the previous screen of ballot styles.
Next Screen	Advance to the next screen of ballot styles.
Update	Save the information you have entered and return to the New Number box.
Don't Update	Clear all information you have entered and return to the New Number box.
Close	Return to the main menu.

NOTICE OF UNCERTIFIED FUNCTIONALITY

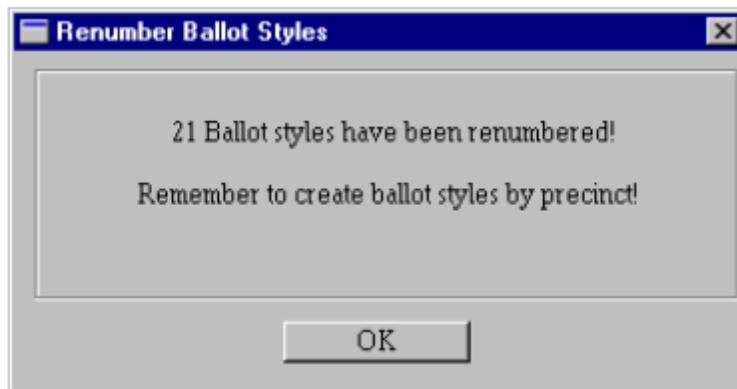
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Renumber in Precinct Order

Use this option if the IFC file was not used or if you need to recreate ballot styles in HPM to match the ballot style sequence produced by a Ballot Generation System. After the program rennumbers the ballot styles, the following window will appear.



Create Precinct/Ballot Style File

After initially creating ballot styles, you must create the ballot styles by precincts. These file associate precinct number, ballot style number, and security code.

The Create ballot Style by Precinct option creates the ballot styles automatically. Any existing records will be deleted when this option is run. You can manually change security codes using the [Change Precinct/Ballot Style](#) option.



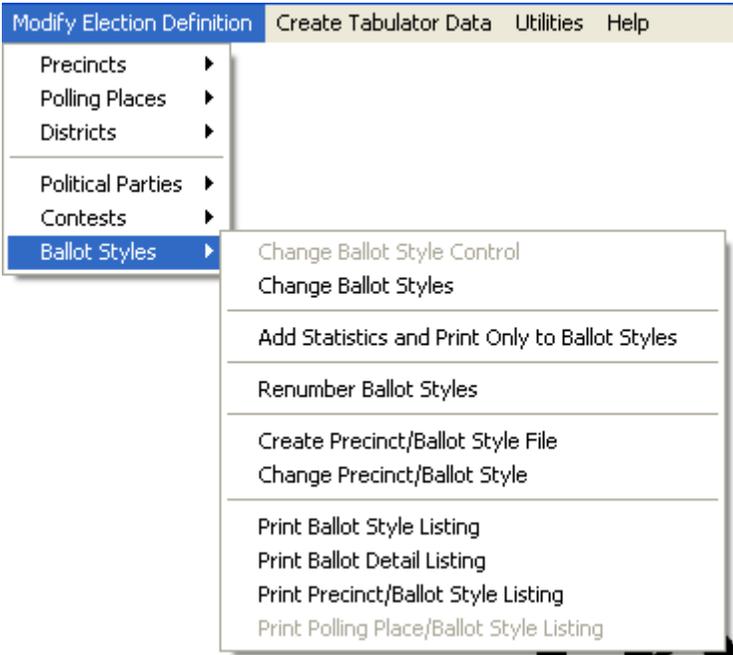
Warning: Automatic create overrides any manual entries or corrections.

NOTICE OF UNCERTIFIED FUNCTIONALITY

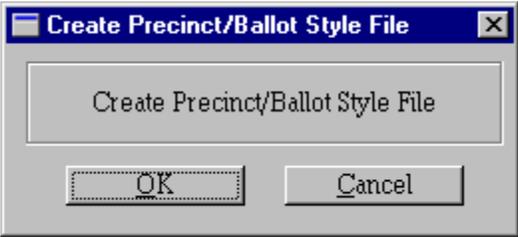
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



1. From the Modify Election Definition menu, point to **Ballot Styles**, and select **Create Precinct/Ballot Style File**. The following window appears.



2. Click **OK**.

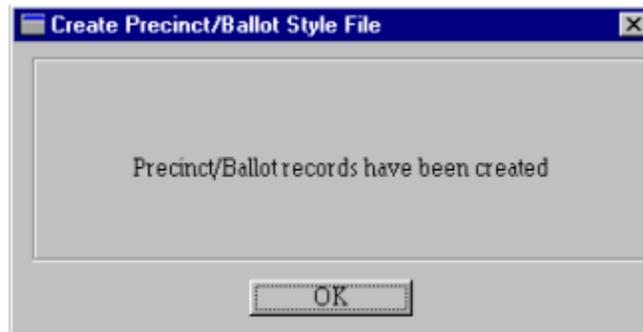
 **NOTE:** If the error message *File PRI0200.dat Error #22, duplicate record* appears, go to the HPM main screen. From the Utilities menu, click **Change Control File**. Be sure that the correct state code is selected in the **State** check box. If you still receive the message, return to Election Data Manager and eliminate any duplicate files that exist. Refer to the Disclosure statement in the License agreement at the initiation of the HPM application.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

3. When the precincts/ballot style file has been created, the following information window appears.



Change Precinct/Ballot Style

Use this option if you need to change any precinct ballot styles.



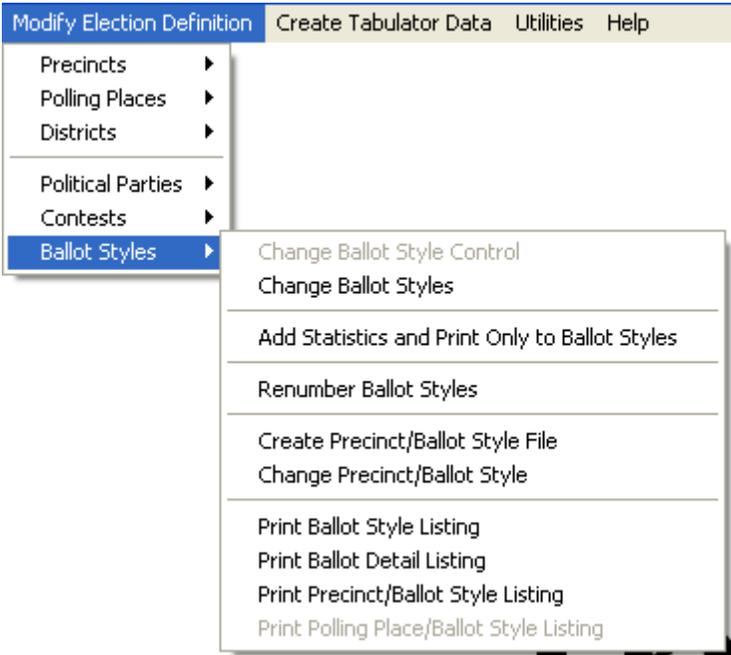
NOTE: The ballot style by precinct file must always agree with the ballot styles.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

1. From the Modify Election Definition menu, point to **Ballot Styles**, and select **Change Precinct/Ballot Style**. The following window appears.

	Left	Right	Left	Right
Ballot Style: 6	N	B	<input type="checkbox"/>	<input type="checkbox"/>
Ballot Type: 003	N	B	<input type="checkbox"/>	<input type="checkbox"/>
Security Class: S	N	B	<input type="checkbox"/>	<input type="checkbox"/>
Column: 0			00	00
Start Position: 00	N	B	<input type="checkbox"/>	<input type="checkbox"/>
Number Positions: 00	N	B	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	N	B	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	N	B	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			00	07
			000	007

2. Click the **Precinct** list and select the precinct number you want to change and click **OK**.
3. Make the changes necessary to the left and right security.



Refer to the [Mask Fields](#) heading and the [Standard Security Mask](#) and [Extended Security Mask](#) tables in this chapter for information about changing the left and right security.

4. Click **Update** to save the changes.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

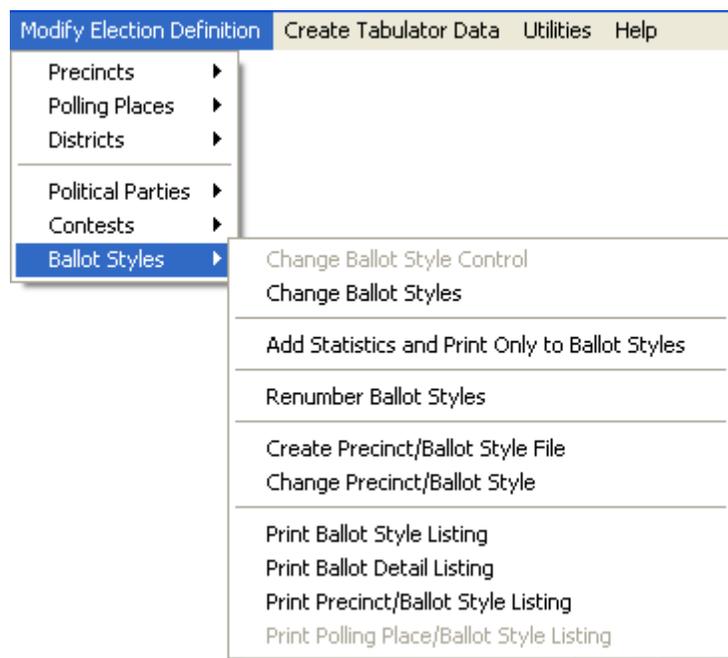
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

Buttons Available on the Change Precinct Ballot Styles Window

Use this button...	To perform this action...
Update	Save the information you have entered and return to the Precinct Number box on the Change Precinct/Ballot Style window.
Don't Update	Clear all information you have entered and return to the Precinct Number box on the Change Precinct/Ballot Style window.
Close	Return to the main menu.

Print Ballot Style Listing

The Ballot Style Listing includes the ballot style number for which the following information is printed: ballot type, security ID, contest numbers and titles, rotation numbers, precinct number and name using that style, total number of contests, and total number of precincts included on the ballot style.

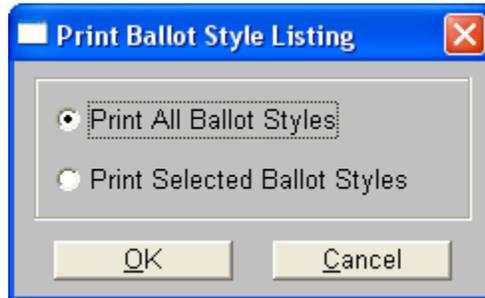


NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

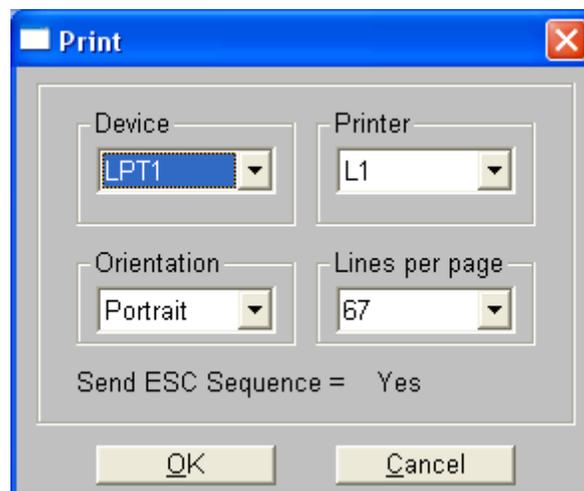
1. From the Modify Election Definition menu, point to **Ballot Styles**, and select **Print Ballot Style Listing**. The following window appears.



2. Select whether you want to print the detail for all ballot styles or for selected ballot styles.
3. If you selected **Print Selected Ballot Styles**, the following window appears. Enter the range of styles you want to print in this window.



4. Click **OK**. The Print window appears.



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

5. From the **Device** list, select where the report will print.
 - Select **Disk** to print the report to the hard disk drive.
 - Select **LPT1**, **LPT2** or **LPT3** to print the report to the printer hooked up to a parallel port.
 - Select **COM1**, **COM2** to print the report to the printer hooked up on a serial port.
6. From the **Printer** list, select **L1**, **L2**, or **L3** for the correct laser printer or select **P1**, **P2**, or **P3** for the correct line printer.

If you select **L1**, **L2**, or **L3**, continue with steps 5 and 6. If you select **P1**, **P2**, or **P3**, skip to step 8.

Laser Printer

7. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select an option from the **Orientation** list.
 - Select **Portrait** to print in 8.5" x 11" mode
 - Select **Landscape** to print in 11" x 8.5" mode.
8. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select the number of lines to print per page from the **Lines per page** list
 - Select **59**, **67**, **79**, **96**, or **118** if you selected **Portrait** from the **Orientation** list.
 - Select **44**, **50**, **59**, **70** or **89** if you selected **Landscape** from the **Orientation** list.
9. Skip to step 12.

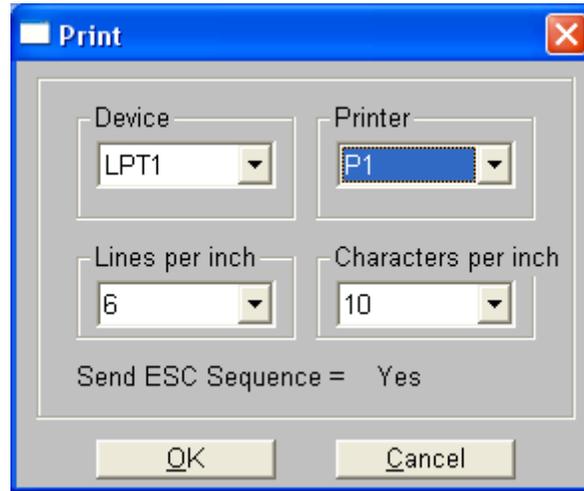
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Line Printer



10. From the **Lines per inch** list, choose to print **6** or **8** lines per inch.
11. From the **Characters per inch** list, select to print **10** or **16** characters per inch.
12. Click **OK**. If the **Device** is set to **Disk**, the Print Ballot Data File Status Listing window appears. Otherwise, the report will print directly to the printer you chose.



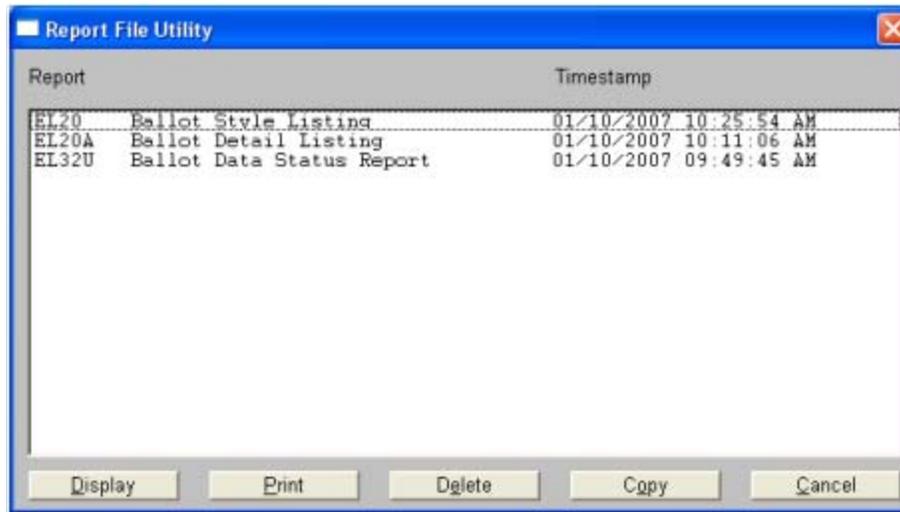
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

13. Click **OK**. The Report File Utility window appears.



14. Select from the following options.

Buttons Available on the Report File Utility Window

Use this button...	To perform this action...
Display	Display the selected report on your screen for immediate viewing
Print	Print the selected report to the device you specify
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify
Cancel	Return you to the main menu

If you select **Display**, the [EL20, Ballot Style Listing](#) window will appear.



Refer to the [EL20, Ballot Style Listing](#) heading in this chapter for a sample of the EL20, Ballot Style Listing.

When you display a report, a menu bar is available at the top left of the report screen.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

File Edit View Search

- ❖ Click **Edit** to change the font size.
- ❖ Click **View** to move around within the report.

View Menu Options

To perform this action...	Select this option...	Or, press...
Move to a specific page of the report	Go to page	Ctrl + G
Move forward one page	Next page	Ctrl + N
Move back one page	Previous page	Ctrl + P
Move to the first page of the report	First page	Ctrl + F
Move to the last page of the report	Last page	Ctrl + L

- ❖ Click **Search** and select **Find** to find a particular name or string of text, and then enter the text string. Press F3 or select **Find Next** to find the next instance of that string. The program will then find the text and highlight it.

NOTICE OF UNCERTIFIED FUNCTIONALITY

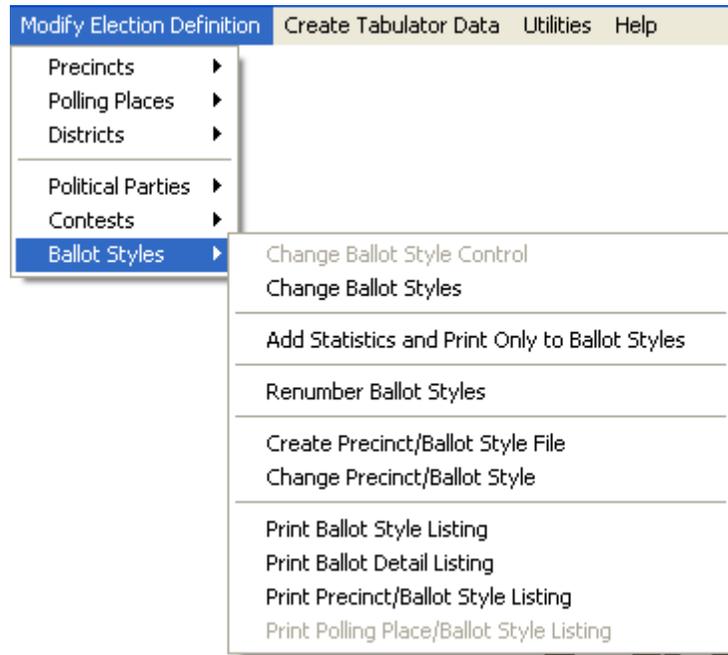
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

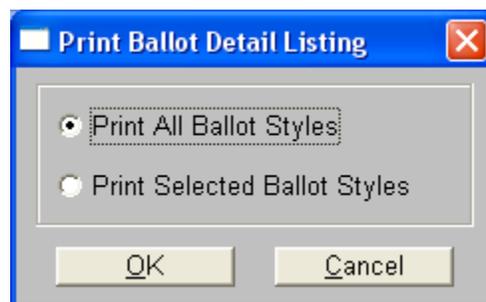
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Print Ballot Detail Listing

Use this option to check the ballot information. The report contains the ballot style number for which the following information is printed: districts, the precinct numbers on each style, the contest numbers and names, the party code, candidate names and positions, rotations, and column numbers.



1. From the Modify Election Definition menu, point to **Ballot Styles**, and select **Print Ballot Detail Listing**.



2. Select whether you want to print the detail for all ballot styles or for selected ballot styles.

NOTICE OF UNCERTIFIED FUNCTIONALITY

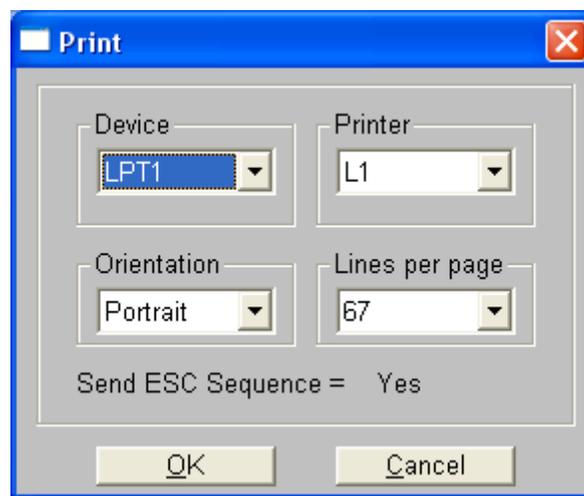
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

3. If you selected **Print Selected Ballot Styles**, the following window appears. Enter the range of styles you want to print in this window.



4. Click **OK**. The Print window appears.



5. From the **Device** list, select where the report will print.
- Select **Disk** to print the report to the hard disk drive.
 - Select **LPT1**, **LPT2** or **LPT3** to print the report to the printer hooked up to a parallel port.
 - Select **COM1**, **COM2** to print the report to the printer hooked up on a serial port.
6. From the **Printer** list, select **L1**, **L2**, or **L3** for the correct laser printer or select **P1**, **P2**, or **P3** for the correct line printer.

If you select **L1**, **L2**, or **L3**, continue with steps 5 and 6. If you select **P1**, **P2**, or **P3**, skip to step 8.

NOTICE OF UNCERTIFIED FUNCTIONALITY

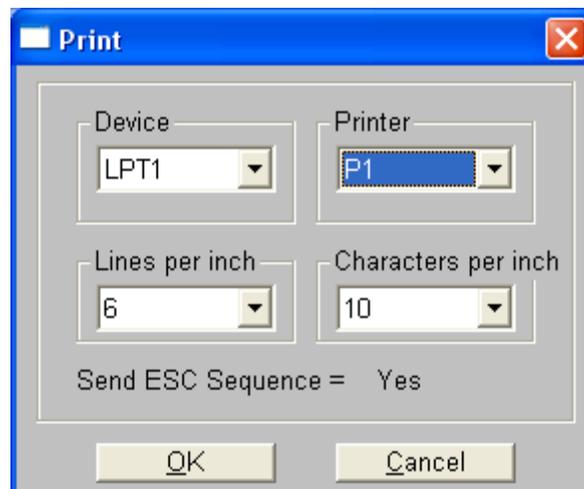
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

Laser Printer

7. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select an option from the **Orientation** list.
 - Select **Portrait** to print in 8.5" x 11" mode
 - Select **Landscape** to print in 11" x 8.5" mode.
8. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select the number of lines to print per page from the **Lines per page** list
 - Select **59**, **67**, **79**, **96**, or **118** if you selected **Portrait** from the **Orientation** list.
 - Select **44**, **50**, **59**, **70** or **89** if you selected **Landscape** from the **Orientation** list.
9. Skip to step 12.

Line Printer



10. From the **Lines per inch** list, choose to print **6** or **8** lines per inch.
11. From the **Characters per inch** list, select to print **10** or **16** characters per inch.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

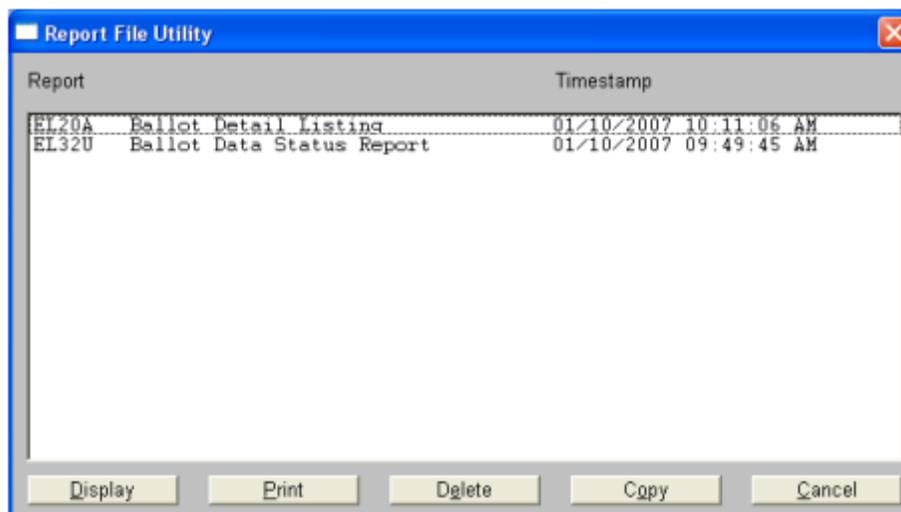
- Automated Bar Code Reader (ABCR) •iVotronic DRE •Model 100 •Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) •All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

12. Click **OK**. If the **Device** is set to **Disk**, the Print Ballot Data File Status Listing window appears. Otherwise, the report will print directly to the printer you chose.



13. Click **OK**. The Report File Utility window appears.



14. Select from the following options.

Buttons Available on the Report File Utility Window

Use this button...	To perform this action...
Display	Display the selected report on your screen for immediate viewing
Print	Print the selected report to the device you specify

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Buttons Available on the Report File Utility Window *(continued)*

Use this button...	To perform this action...
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify
Cancel	Return you to the main menu

If you select **Display**, the [EL20A, Ballot Detail Listing](#) window will appear.



Refer to the [EL20A, Ballot Detail Listing](#) heading in this chapter for a sample of the EL20A, Ballot Detail Listing.

When you display a report, a menu bar is available at the top left of the report screen.

File Edit View Search

- ❖ Click **Edit** to change the font size.
- ❖ Click **View** to move around within the report.

View Menu Options

To perform this action...	Select this option...	Or, press...
Move to a specific page of the report	Go to page	Ctrl + G
Move forward one page	Next page	Ctrl + N

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

View Menu Options *(continued)*

To perform this action...	Select this option...	Or, press...
Move back one page	Previous page	Ctrl + P
Move to the first page of the report	First page	Ctrl + F
Move to the last page of the report	Last page	Ctrl + L

- ❖ Click **Search** and select **Find** to find a particular name or string of text, and then enter the text string. Press F3 or select **Find Next** to find the next instance of that string. The program will then find the text and highlight it.

NOTICE OF UNCERTIFIED FUNCTIONALITY

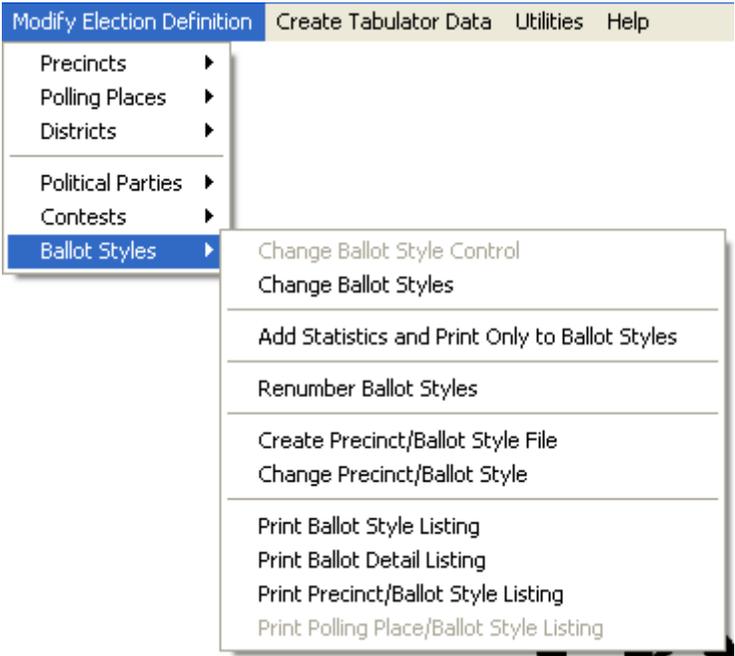
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ● iVotronic DRE ● Model 100 ● Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ● All functions related to network data transmission

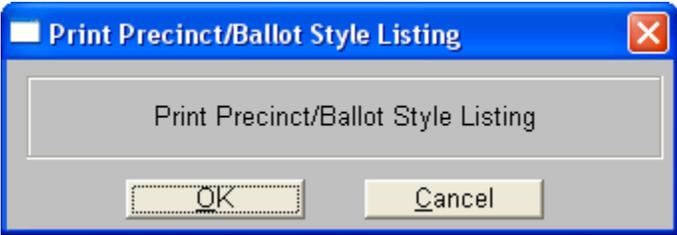
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Print Precinct/Ballot Style Listing

This report is a list of precincts for which the following information is printed: the precinct name and number, style number, the ID, the party, the districts and the security information.



1. From the Modify Election Definition menu, point to **Ballot Styles**, and select **Print Precinct/Ballot Style Listing**.

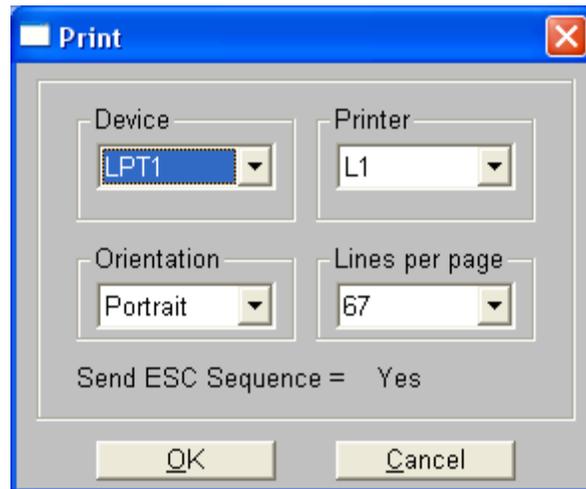


NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

2. Click **OK**. The Print window appears.



3. From the **Device** list, select where the report will print.
 - Select **Disk** to print the report to the hard disk drive.
 - Select **LPT1**, **LPT2** or **LPT3** to print the report to the printer hooked up to a parallel port.
 - Select **COM1**, **COM2** to print the report to the printer hooked up on a serial port.
4. From the **Printer** list, select **L1**, **L2**, or **L3** for the correct laser printer or select **P1**, **P2**, or **P3** for the correct line printer.
 If you select **L1**, **L2**, or **L3**, continue with steps 5 and 6. If you select **P1**, **P2**, or **P3**, skip to step 8.

Laser Printer

5. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select an option from the **Orientation** list.
 - Select **Portrait** to print in 8.5" x 11" mode
 - Select **Landscape** to print in 11" x 8.5" mode.
6. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select the number of lines to print per page from the **Lines per page** list
 - Select **59**, **67**, **79**, **96**, or **118** if you selected **Portrait** from the **Orientation** list.

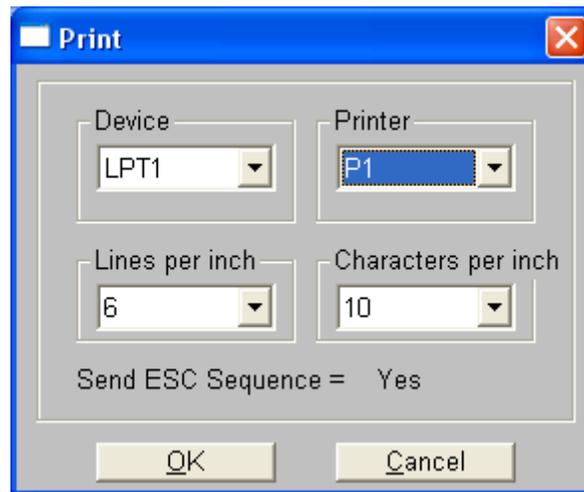
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

- Select **44, 50, 59, 70** or **89** if you selected **Landscape** from the **Orientation** list.
7. Skip to step 10.

Line Printer



8. From the **Lines per inch** list, choose to print **6** or **8** lines per inch.
9. From the **Characters per inch** list, select to print **10** or **16** characters per inch.
10. Click **OK**. If the **Device** is set to **Disk**, the Print Precinct/Ballot Style Listing window appears. Otherwise, the report will print directly to the printer you chose.



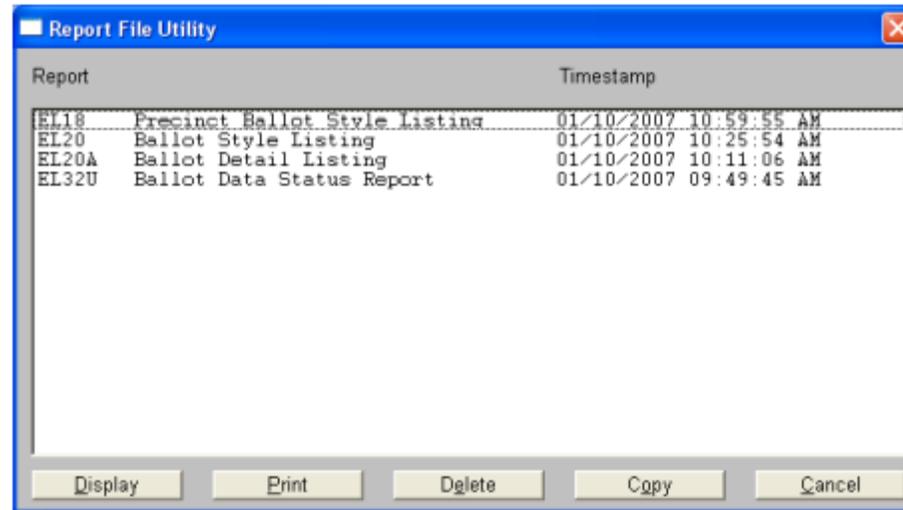
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

11. Click **OK**. The Report File Utility window appears.



12. Select from the following options.

Buttons Available on the Report File Utility Window

Use this button...	To perform this action...
Display	Display the selected report on your screen for immediate viewing
Print	Print the selected report to the device you specify
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Buttons Available on the Report File Utility Window *(continued)*

Use this button...	To perform this action...
Cancel	Return you to the main menu

If you select **Display**, the [EL18, Precinct/Ballot Style Listing](#) window will appear.



Refer to the [EL18, Precinct/Ballot Style Listing](#) heading in this chapter for a sample of the EL18, Precinct/Ballot Style Listing.

When you display a report, a menu bar is available at the top left of the report screen.

File Edit View Search

- ❖ Click **Edit** to change the font size.
- ❖ Click **View** to move around within the report.

View Menu Options

To perform this action...	Select this option...	Or, press...
Move to a specific page of the report	Go to page	Ctrl + G
Move forward one page	Next page	Ctrl + N
Move back one page	Previous page	Ctrl + P
Move to the first page of the report	First page	Ctrl + F
Move to the last page of the report	Last page	Ctrl + L

- ❖ Click **Search** and select **Find** to find a particular name or string of text, and then enter the text string. Press F3 or select **Find Next** to find the next instance of that string. The program will then find the text and highlight it.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

EL18, Precinct/Ballot Style Listing

4		YOUR COUNTY ELECTION HARDWARE PROGRAMMING MANAGER PRECINCT/BALLOT STYLE LISTING						ELECTION ID: REPORT-EL18
2:18 PM		STYLE	PARTY	DISTRICTS/SECURITY MASK:				
1		COU-NTY AMD-A	REP-034	SCH-001	CIR-024	CIR-025	CNT-0	
		LEFT:00	01 001	RIGHT:00	00 000	EMBEDDED:		
2		COU-NTY CNT-004 AMD-A	CCM-002	SCH-002	SCH-003	CIR-024	CIR-0	
		LEFT:00	01 001	RIGHT:00	00 000	EMBEDDED:		
3		CIR-024	CIR-025	CNT-001	CNT-004	AMD-A		
		LEFT:00	01 001	RIGHT:00	00 000	EMBEDDED:		
3		CIR-024	CIR-025	CNT-001	CNT-004	AMD-A		
		LEFT:00	01 001	RIGHT:00	00 000	EMBEDDED:		
4		COU-NTY CNT-001 AMD-A	SEN-014	REP-038	CCM-004	SCH-001	CIR-0	
		LEFT:00	01 001	RIGHT:00	00 000	EMBEDDED:		
5		COU-NTY AMD-A	SCH-002	SCH-003	CIR-024	CIR-025	CNT-0	
		LEFT:00	01 001	RIGHT:00	00 000	EMBEDDED:		
2		COU-NTY CNT-004 AMD-A	CCM-002	SCH-002	SCH-003	CIR-024	CIR-0	
		LEFT:00	01 001	RIGHT:00	00 000	EMBEDDED:		
3		CIR-024	CIR-025	CNT-001	CNT-004	AMD-A		
		LEFT:00	01 001	RIGHT:00	00 000	EMBEDDED:		
6		COU-NTY CNT-004 AMD-A	REP-037	SCH-001	CM1-003	CIR-024	CIR-0	
		LEFT:00	01 001	RIGHT:00	00 000	EMBEDDED:		
2		COU-NTY CNT-004 AMD-A	CCM-002	SCH-002	SCH-003	CIR-024	CIR-0	
		LEFT:00	01 001	RIGHT:00	00 000	EMBEDDED:		
3		CIR-024	CIR-025	CNT-001	CNT-004	AMD-A		
		LEFT:00	01 001	RIGHT:00	00 000	EMBEDDED:		
7		COU-NTY CNT-004 AMD-A	REP-036	SCH-001	CM1-010	CIR-024	CIR-0	
		LEFT:00	01 001	RIGHT:00	00 000	EMBEDDED:		
8		CGL-011 CIR-024	COU-NTY	SEN-014	REP-037	CCM-004	SCH-0	
		LEFT:00	01 001	RIGHT:00	00 000	EMBEDDED:		
9		CGL-011	COU-NTY	SCH-002	SCH-003	CIR-024	CIR-0	

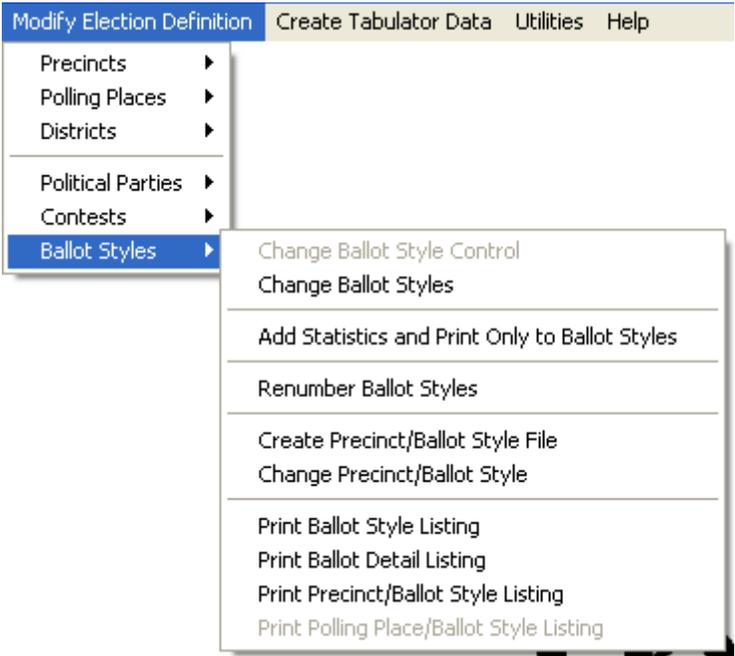
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

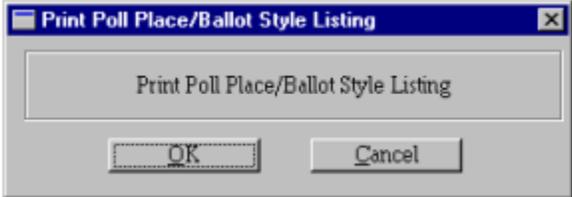
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

Print Polling Place/Ballot Style Listing

This report is a list of polling places for which the following information is printed: the polling place number, the precinct name(s) and number(s), the style number(s), the ID, the party, the districts, and the security information.



1. From the Modify Election Definition menu, point to **Ballot Styles**, and select **Print Polling Place/Ballot Style Listing**.

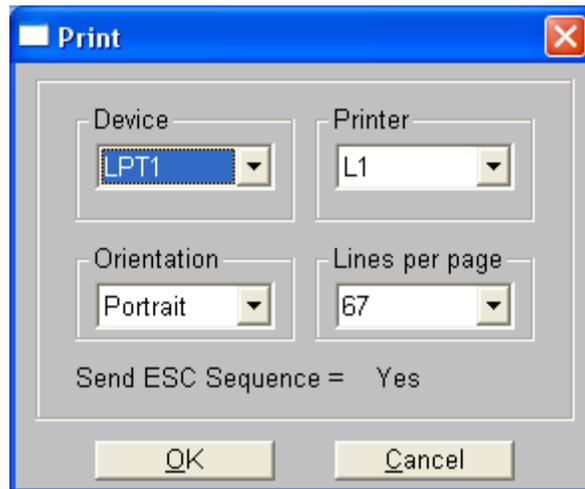


NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

2. Click **OK**. The Print window appears.



3. From the **Device** list, select where the report will print.
 - Select **Disk** to print the report to the hard disk drive.
 - Select **LPT1**, **LPT2** or **LPT3** to print the report to the printer hooked up to a parallel port.
 - Select **COM1**, **COM2** to print the report to the printer hooked up on a serial port.
4. From the **Printer** list, select **L1**, **L2**, or **L3** for the correct laser printer or select **P1**, **P2**, or **P3** for the correct line printer.
 If you select **L1**, **L2**, or **L3**, continue with steps 5 and 6. If you select **P1**, **P2**, or **P3**, skip to step 8.

Laser Printer

5. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select an option from the **Orientation** list.
 - Select **Portrait** to print in 8.5" x 11" mode
 - Select **Landscape** to print in 11" x 8.5" mode.
6. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select the number of lines to print per page from the **Lines per page** list
 - Select **59**, **67**, **79**, **96**, or **118** if you selected **Portrait** from the **Orientation** list.

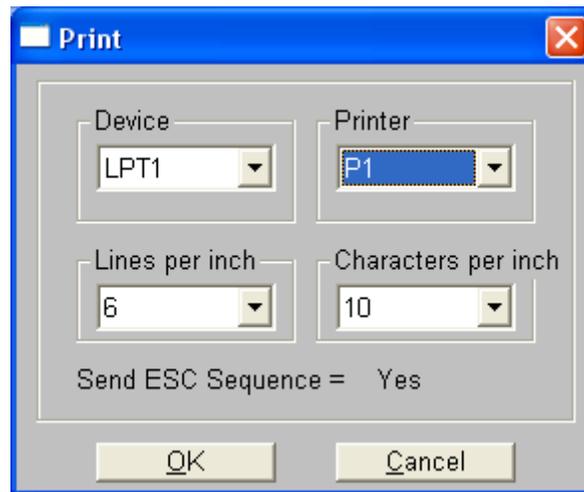
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

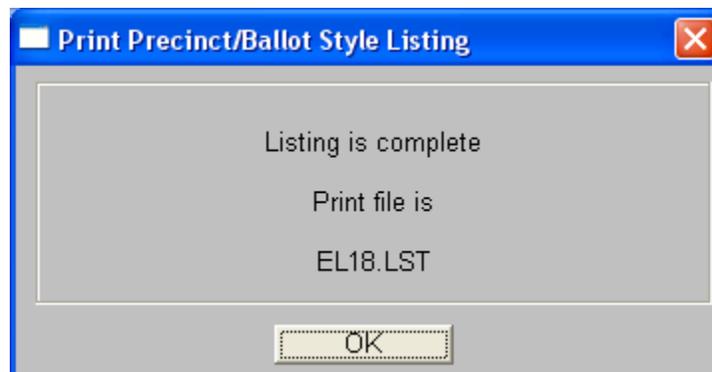
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

- Select **44, 50, 59, 70** or **89** if you selected **Landscape** from the **Orientation** list.
7. Skip to step 10.

Line Printer



8. From the **Lines per inch** list, choose to print **6** or **8** lines per inch.
9. From the **Characters per inch** list, select to print **10** or **16** characters per inch.
10. Click **OK**. If the **Device** is set to **Disk**, the Print Precinct/Ballot Style Listing window appears. Otherwise, the report will print directly to the printer you chose.



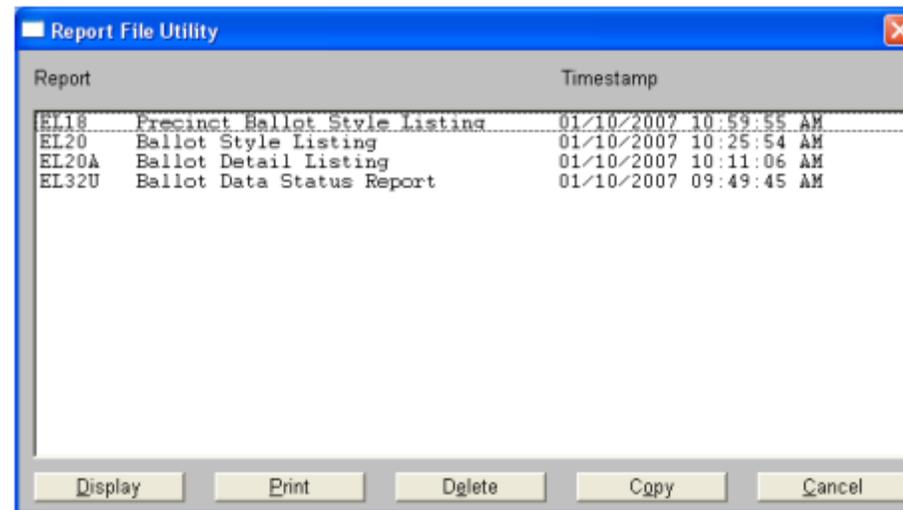
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

11. Click **OK**. The Report File Utility window appears.



12. Select from the following options.

Buttons Available on the Report File Utility Window

Use this button...	To perform this action...
Display	Display the selected report on your screen for immediate viewing
Print	Print the selected report to the device you specify
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Buttons Available on the Report File Utility Window (*continued*)

Use this button...	To perform this action...
Cancel	Return you to the main menu

If you select **Display**, the [EL18A, Poll Place/Ballot Style Listing](#) window will appear.



Refer to the [EL18A, Poll Place/Ballot Style Listing](#) heading in this chapter for a sample of the EL18A, Poll Place/Ballot Style Listing.

When you display a report, a menu bar is available at the top left of the report screen.

File Edit View Search

- ❖ Click **Edit** to change the font size.
- ❖ Click **View** to move around within the report.

View Menu Options

To perform this action...	Select this option...	Or, press...
Move to a specific page of the report	Go to page	Ctrl + G
Move forward one page	Next page	Ctrl + N
Move back one page	Previous page	Ctrl + P
Move to the first page of the report	First page	Ctrl + F
Move to the last page of the report	Last page	Ctrl + L

- ❖ Click **Search** and select **Find** to find a particular name or string of text, and then enter the text string. Press F3 or select **Find Next** to find the next instance of that string. The program will then find the text and highlight it.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

EL18A, Poll Place/Ballot Style Listing

of 4		Search	
YOUR COUNTY ELECTION HARDWARE PROGRAMMING MANAGER			
POLL PLACE/BALLOT STYLE LISTING			ELECTION ID: PRI REPORT-EL18A
03	2:19 PM	STYLE	PARTY DISTRICTS/SECURITY MASK:
		1	COU-NTY REP-034 SCH-001 CIR-024 CIR-025 CNT-001 AMD-A LEFT:00 01 001 RIGHT:00 00 000 EMBEDDED:
		2	COU-NTY CCM-002 SCH-002 SCH-003 CIR-024 CIR-025 CNT-004 AMD-A LEFT:00 01 001 RIGHT:00 00 000 EMBEDDED:
		3	CIR-024 CIR-025 CNT-001 CNT-004 AMD-A LEFT:00 01 001 RIGHT:00 00 000 EMBEDDED:
		3	CIR-024 CIR-025 CNT-001 CNT-004 AMD-A LEFT:00 01 001 RIGHT:00 00 000 EMBEDDED:
		4	COU-NTY SEN-014 REP-038 CCM-004 SCH-001 CIR-024 CNT-001 CNT-004 AMD-A LEFT:00 01 001 RIGHT:00 00 000 EMBEDDED:
		5	COU-NTY SCH-002 SCH-003 CIR-024 CIR-025 CNT-001 AMD-A LEFT:00 01 001 RIGHT:00 00 000 EMBEDDED:
10, 11		2	COU-NTY CCM-002 SCH-002 SCH-003 CIR-024 CIR-025 CNT-004 AMD-A LEFT:00 01 001 RIGHT:00 00 000 EMBEDDED:
		3	CIR-024 CIR-025 CNT-001 CNT-004 AMD-A LEFT:00 01 001 RIGHT:00 00 000 EMBEDDED:
		7	COU-NTY REP-036 SCH-001 CCM-010 CIR-024 CIR-025 CNT-004 AMD-A LEFT:00 01 001 RIGHT:00 00 000 EMBEDDED:
		8	CGL-011 COU-NTY SEN-014 REP-037 CCM-004 SCH-001 CIR-024 CIR-025 CNT-001 CNT-004 AMD-A LEFT:00 01 001 RIGHT:00 00 000 EMBEDDED:
		9	CGL-011 COU-NTY SCH-002 SCH-003 CIR-024 CIR-025 CNT-004 AMD-A LEFT:00 01 001 RIGHT:00 00 000 EMBEDDED:
		10	CGL-011 CIR-024 CIR-025 CNT-001 CNT-004 AMD-A LEFT:00 01 001 RIGHT:00 00 000 EMBEDDED:
4		10	CGL-011 CIR-024 CIR-025 CNT-001 CNT-004 AMD-A LEFT:00 01 001 RIGHT:00 00 000 EMBEDDED:
		11	CGL-011 COU-NTY SEN-014 REP-036 SCH-001 CMW-024 CIR-025 CNT-001 CNT-004 AMD-A

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

Part 6: Create Tabulator Data Menu

Part 6 contains information about the following topics.

- ❖ Chapter 21: Create Final Database
- ❖ Chapter 22: Create Tabulator Parameters
- ❖ Chapter 23: Load Memory Device With Parameters
- ❖ Chapter 24: Create Key PEB
- ❖ Chapter 25: Prepare Election Compact Flash
- ❖ Chapter 26: Create DAM Precinct List
- ❖ Chapter 27: Telephone Number File
- ❖ Chapter 28: Reports
- ❖ Chapter 29: Display PEBLOG

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

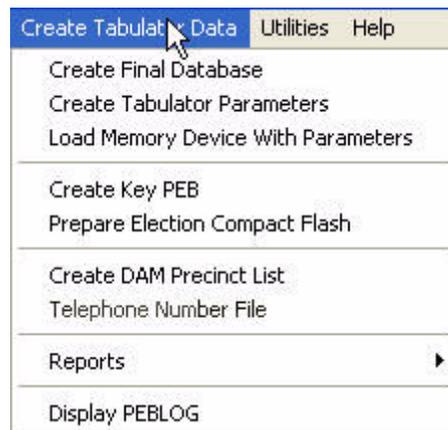
Chapter 21: Create Final Database

Once you have a completely defined election, you are ready to prepare the final version of the election setup, the final database. Then you can create the parameters and burn the MemoryPacks, PC Cards, PEBs, etc.

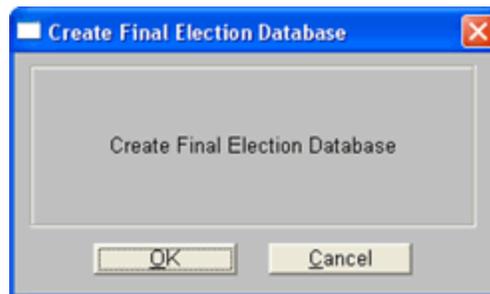
This option creates the database that contains all of the basic election information that has previously been entered.



NOTE: if Your election is iVotronic only, you do not need to use the Create Final Database option.



1. From the Create Tabulator Data menu, select **Create Final Database**.



2. Click **OK** and the system creates the file automatically.

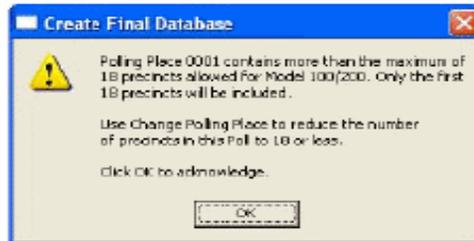
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

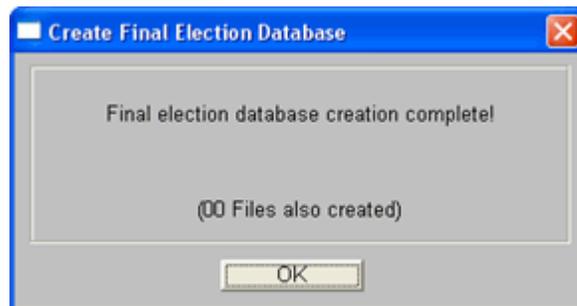
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

NOTE: If you have exceeded the maximum number of 18 precincts allowed for the Model 100/200, you will receive this warning message. You will need to reduce the number of precincts assigned to the polling place.



3. The following window appears when the creation process is finished. Click **OK**.



NOTICE OF UNCERTIFIED FUNCTIONALITY

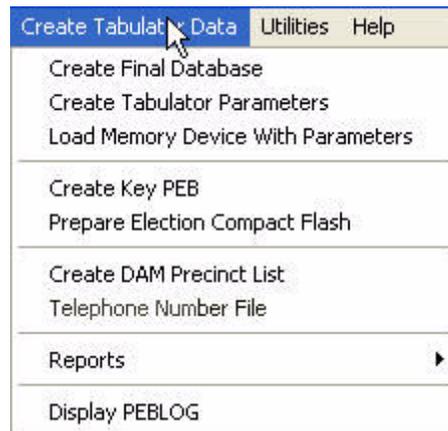
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

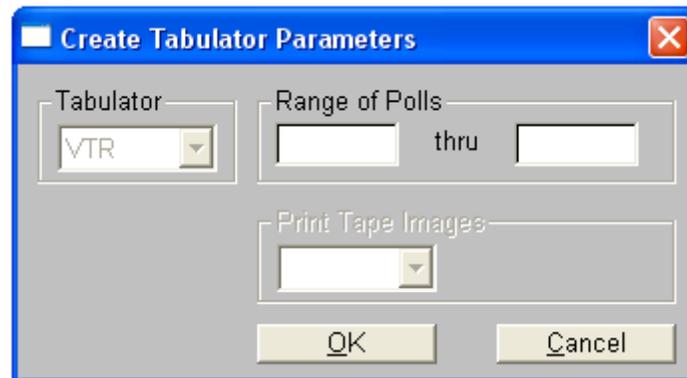
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 22: Create Tabulator Parameters

After creating the final database, create the parameter file for the equipment you are using. If you are using the Model 650, the parameters were created at the time you created the final database and do not need to be created here.



1. From the Create Tabulator Data menu, select **Create Tabulator Parameters**.



2. From the **Tabulator** list, select the type of tabulator you will use for your election.
 - Select **100/200** if you are using the Model 100 or the DS200
 - Select **VTR** if you are using the iVotronic/iVotronic.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

NOTE: The **3PE** and **150/550** options are no longer available.



NOTE: If you are using Model 650, the parameter file was created when you created the final database, so you do not need to create tabulator parameters.

3. In the **Range of Polls** boxes, enter the range of precincts/polling places for which you want to create parameters. Since these parameters are for Model 100 and DS200 polling places only, do not include any voting sites using iVotronic terminals only. Click **OK**.



NOTE: The **Print Tape Images** box is no longer available.

4. After the parameters have been created, the following information window will appear.



NOTICE OF UNCERTIFIED FUNCTIONALITY

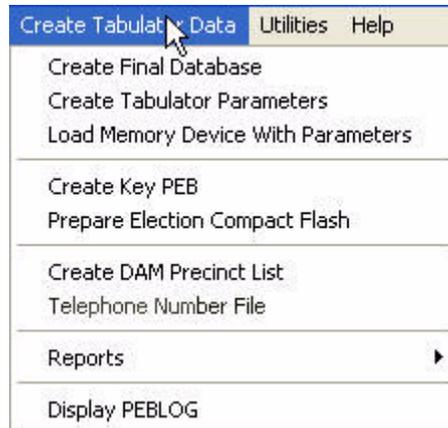
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 23: Load Memory Device With Parameters

This option will download the files to the PEB, PC Card, USB Flash Drive or Zip Drive.



NOTE: The options that appear in the **Tabulator** field of the Load Memory Device With Parameters window contain the parameters chosen on the Election Specifications window.

DS200



NOTE: HPM will automatically clear the USB flash drive before programming election storage media. However, ES&S recommends formatting and clearing the USB flash drive with a Windows PC, which applies anti-virus scanning to each removable storage device and ensures clean installation of election files. Manually clearing the USB device also ensures that no HPM-created folders remain from previous elections.



Warning: Ensure that DS200 USB memory devices are correctly partitioned and properly formatted to the FAT32 file system prior to loading devices with election configuration files.

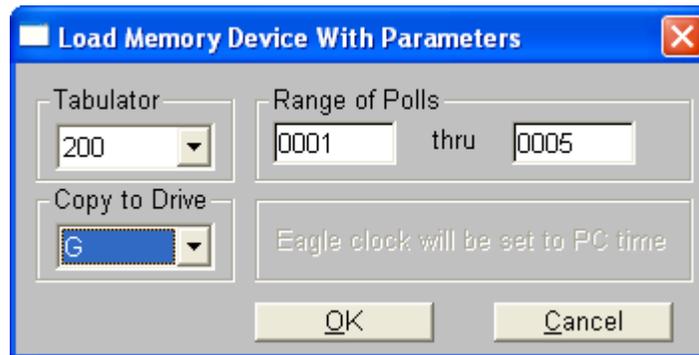
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

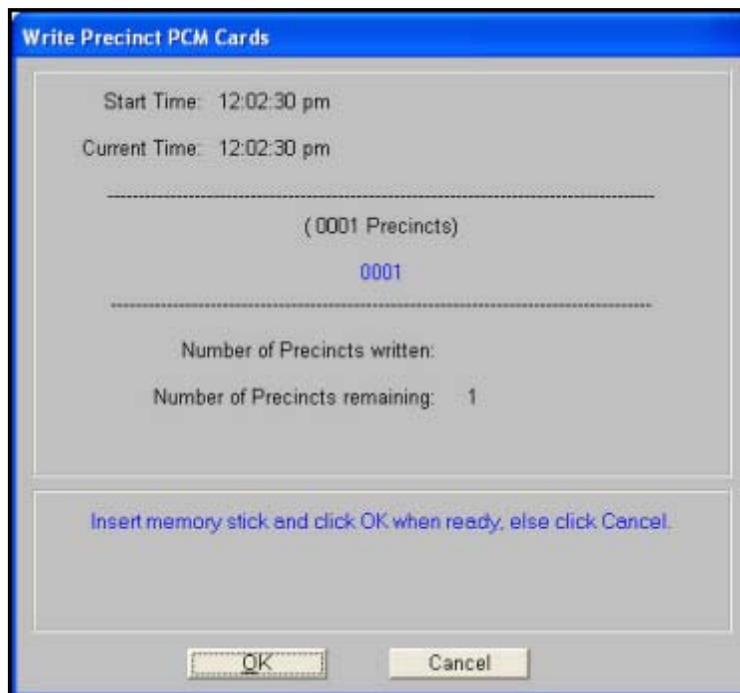
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

1. From the Create Tabulator Data menu, select **Load Memory Device with Parameters**.



2. From the **Tabulator** list, select **200** as the tabulator.
3. In the **Range of Polls** boxes, enter the range of precincts/polls you want to load and click **OK**. The following window appears.



4. Insert a USB flash drive into a USB port.

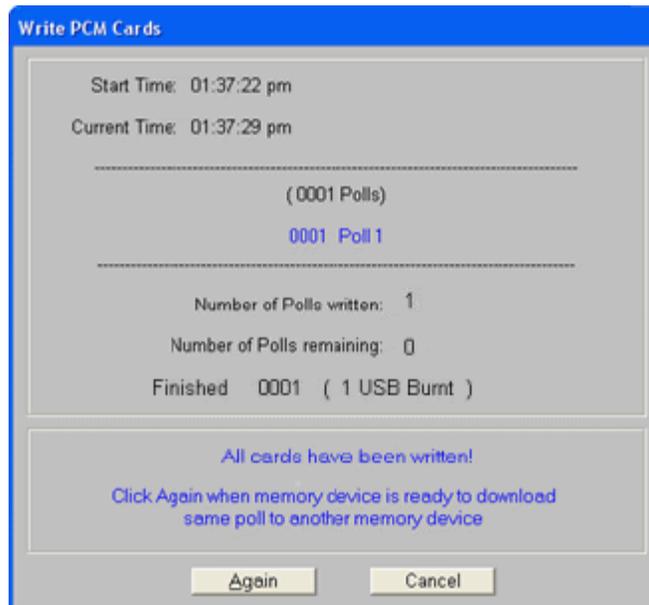
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

5. Click **OK**. The following window appears.



6. If you want to load the election to another USB flash drive, insert another USB flash drive into the USB port and click **Again**. When you are finished loading the election, click **Cancel**.
7. After you have loaded the parameters to the memory device, print a Prom Status Listing report.



Refer to the [Print Precinct Burn Status Listing](#) heading in [Chapter 28: Reports](#) for information about creating and printing an [EL41, Prom Status Listing](#).

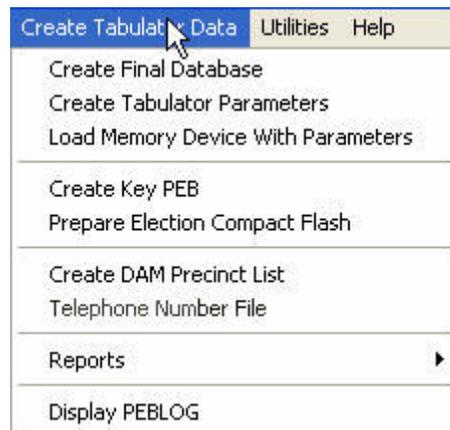
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

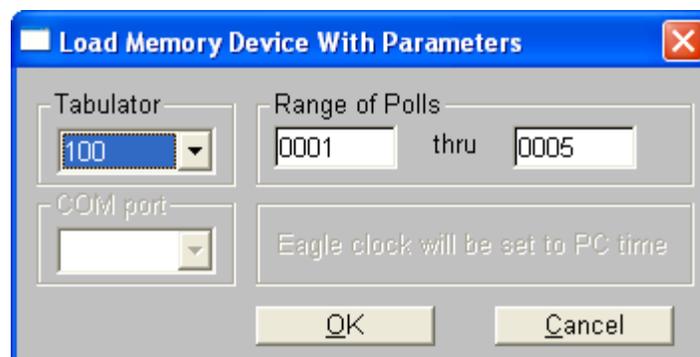
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

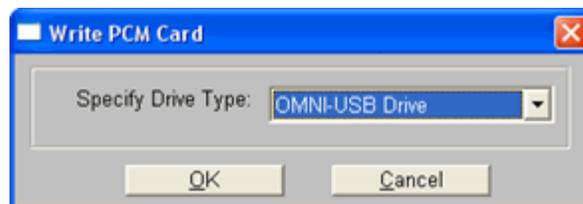
Model 100



1. From the Create Tabulator Data menu, select **Load Memory Device with Parameters**.



2. From the **Tabulator** list, select **100** as the tabulator.
3. In the **Range of Polls** boxes, enter the range of precincts/polls you want to load and click **OK**. The following screen will appear.

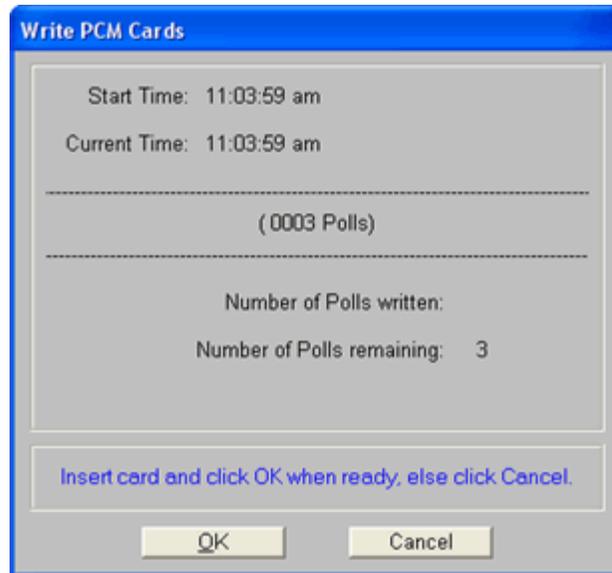


4. Select the **OMNI-PARALLEL Drive** or **OMNI-USB Drive** from the **Specify Drive Type** drop down and click **OK**. The following screen will appear.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features **HAVE NOT COMPLETED TESTING FOR CERTIFICATION** BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission



5. Load the PCM Card into your drive and click **OK**, or click **Cancel** if you do not want to continue.
6. After you have loaded the parameters to the memory device, print a Prom Status Listing report.



Refer to the [Print Precinct Burn Status Listing](#) heading in [Chapter 28: Reports](#) for information about creating and printing an [EL41, Prom Status Listing](#).

Model 650



NOTE: If you need to reformat the zip disk, be sure to format it with the **FAT** (not FAT32) format. In addition, after receiving the *files transferred successfully* message, wait until the disk access light is off for at least five consecutive seconds before you eject the disk.



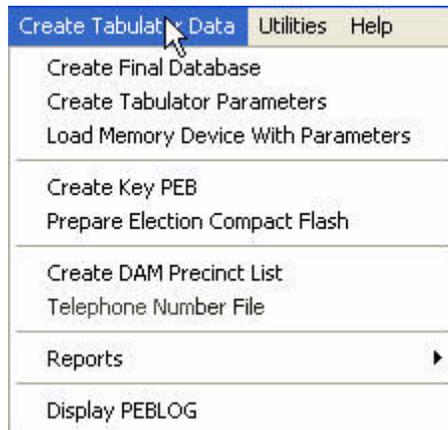
Refer to the [Reformat the Zip Disk](#) heading in this chapter for information about reformatting the zip disk.

NOTICE OF UNCERTIFIED FUNCTIONALITY

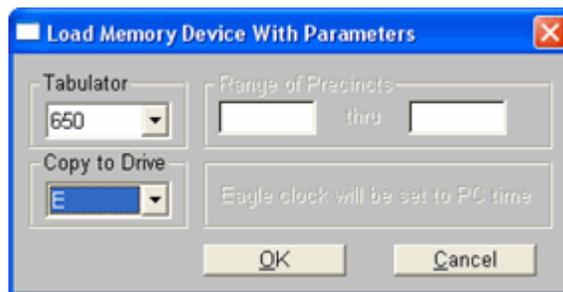
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



1. From the Create Tabulator Data menu, select **Load Memory Device with Parameters**.



2. From the **Tabulator** list, select **650** as the tabulator.
3. From the **Copy to Drive** list, select the letter of the drive where the Zip Drive is installed.
4. Click **OK**. The following message screen will appear instructing you to insert the zip disk.



5. Click **OK**. The .OFC, .PRE, .PRF, and .RPT files will be copied to the zip disk. When the files have been copied, the following message will appear.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission



6. Click **OK**.
7. After you have loaded the parameters to the memory device, print a Prom Status Listing report.



Refer to the [Print Precinct Burn Status Listing](#) heading in [Chapter 28: Reports](#) for information about creating and printing an [EL41, Prom Status Listing](#).

Reformat the Zip Disk

Some zip disks are pre-formatted with a file system that is not compatible with the Model 650 scanner. Take the following steps to reformat the disk with the FAT (but not FAT32) format.

1. Insert the Zip Disk to be formatted into the zip drive.
2. Double-click the **My Computer** icon on the desktop.
3. Click the icon for your zip drive to select it.
4. From the File menu, click **Format** to open the **Format** window.
5. If the **File System** list box displays any format other than **FAT**, change the format.
6. Click the **File System** arrow list, and select **FAT**. Be sure to format it with **FAT16**.
7. Click **Start** to format the disk.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Load the Zip Disk with M650 Mixed Mode Parameters

When Mixed Mode is used and the Final Database is created in HPM, an extra set of files are created for the M650. These files are to be used for absentee tabulation where the file name has AB as the last two positions of the election name and are located in the elecdata folder. HPM does not provide a means for copying these files to the M650 Zip Disk media. To load the Zip Disk memory device with these parameters follow these steps:

1. Insert a 100MB Zip Disk into a Zip Drive connected to the PC or network where the files reside.
2. Format the 100MB Zip Disk, reference the [Reformat the Zip Disk](#) section in this chapter.
3. Navigate and click on the elecdata folder in Windows Explorer to display files located in the /elecdata folder. (This folder is located on the local disk (C:) or the mapped network drive.)
4. Locate and highlight the four files that include the 1st six characters of the current election followed by the letters AB that make up the file names created by HPM for Mixed Mode. The four files extensions will be .OFC, .PRE, .PRF and .RPT.
5. With the four files highlighted, right click and select **Copy**.
6. Double-click on **My Computer** on the desktop, and then double-click on the drive letter where your Zip Drive is located.
7. Right click on the mouse and the click **Paste**, to paste the files on the Zip Disk.
8. The four files will be copied to the Zip Disk and are now ready to be used on the M650.

iVotronic Terminals



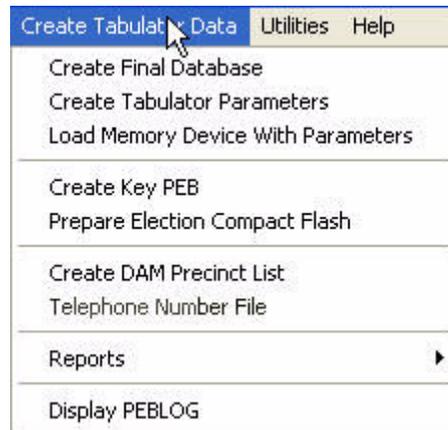
Refer to the [Chapter 25: Prepare Election Compact Flash](#) chapter if you are using iVotronic equipment and the Compact Flash Utility.

NOTICE OF UNCERTIFIED FUNCTIONALITY

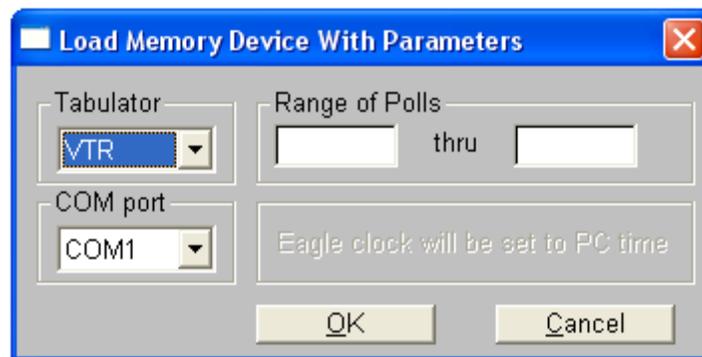
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



1. From the Create Tabulator Data menu, select **Load Memory Device with Parameters**.



2. From the **Tabulator** list, select **VTR**.
3. In the **Range of Polls** boxes, enter the range of polls you want to load.
4. From the **COM port** list, select the COM port you are using.



Refer to the *iVotronic System Operations Procedures* for more information about COM ports.

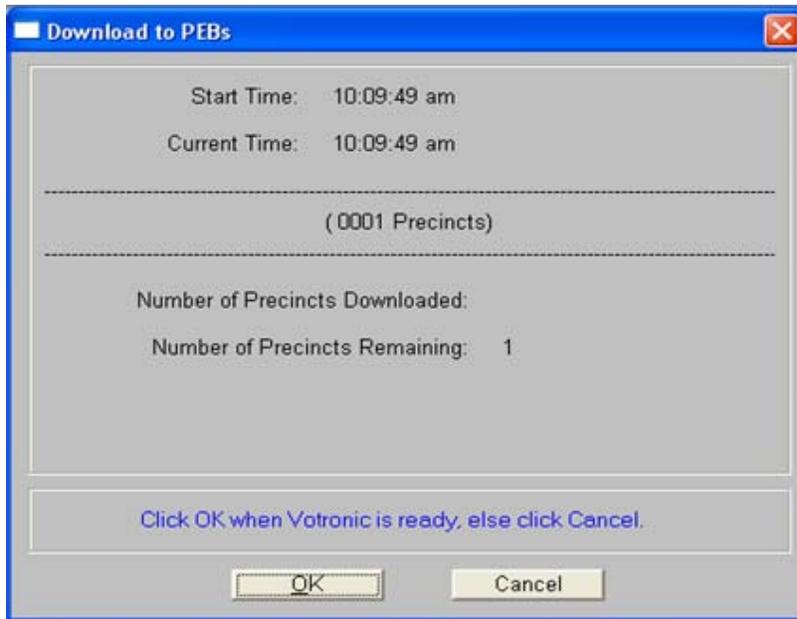
5. Click **OK**. The Download to PEBs window appears.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features **HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:**

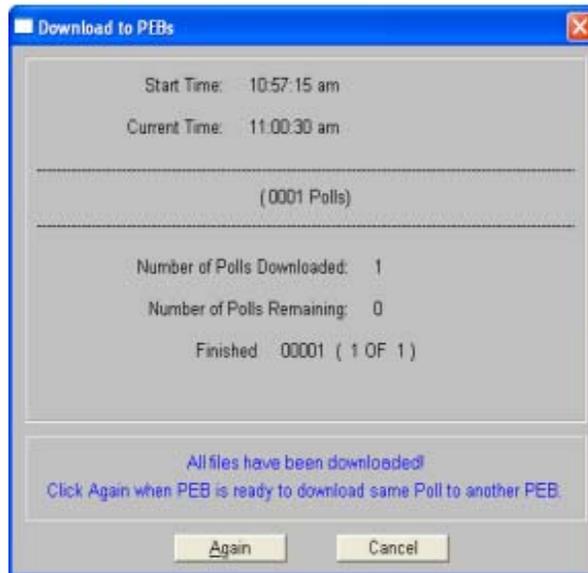
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



6. Click **OK** to start the download process.

The **Processing Data** window will appear with the message *Please wait for processing to complete*. When the processing is finished, the following window appears.



7. After you have loaded the parameters to the memory device, print a Prom Status Listing report.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission



Refer to the [Print Precinct Burn Status Listing](#) heading in [Chapter 28: Reports](#) for information about creating and printing an [EL41, Prom Status Listing](#).

Qualify PEBs for iVotronic Terminals

You can use HPM and a PEB Reader connected to a PC to transfer election definitions to PEBs. Using HPM to transfer election data to PEBs takes around 10 seconds per PEB for a typical election compared to around 90 seconds per PEB using an iVotronic terminal.



NOTE: This feature does not support the burning of large poll PEBs.

The Election Qualification Code (EQC) code is randomly generated by HPM the first time each specific election name is referenced in HPM and is done along with the creation of iVotronic encryption key. There is no indication to the HPM user that this is happening, it is part of the initialization process for each new election name in HPM. The generation of the encryption key and EQC code happens for all elections regardless of the equipment type being used.

The PEB Burn feature also includes a log file of all PEBs burned for each election definition. The log file, named PEBLOG.CSV, is created in the `\elecdata\election_name` folder so that there is a unique log file for each election definition. This file is created when the first PEB for each election definition is burned and then appended to for all subsequent PEBs that are burned.

This log file is a flat, pipe-delimited file that can be opened in Excel for reference and printed, if required.

Take the following steps to transfer your election definition to PEBs.

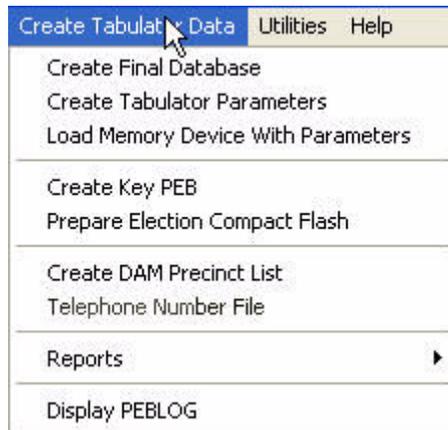
1. Connect the PEB Reader to your PC.
2. Open Hardware Programming Manager.

NOTICE OF UNCERTIFIED FUNCTIONALITY

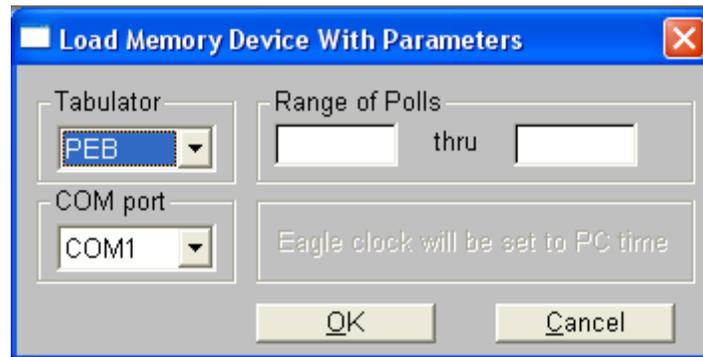
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



- From the Create Tabulator Data menu, select **Load Memory Device with Parameters**.



- From the **Tabulator** list, select **PEB**.



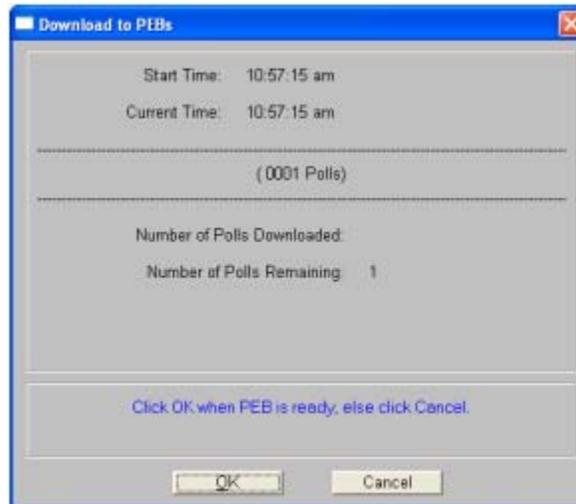
NOTE: For larger elections, use the Supervisor terminal to burn PEBs and select **VTR** from the **Tabulator** list.

- In the **Range of Polls** boxes, enter the range of polls for which you want to load parameters.
- From the **COM port** list, select the COM port you are using.
- Insert a PEB into the PEB reader.
- Click **OK**. The Download to PEBs screen appears.

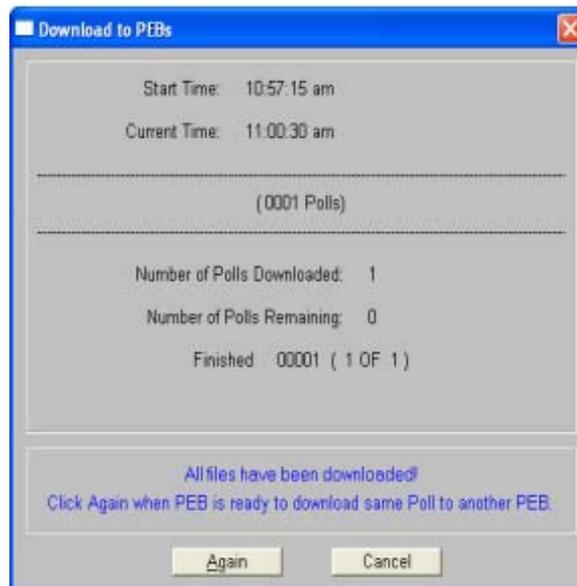
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission



9. Click **OK** to start the download process. The Processing Data screen will appear with the message *Please wait for processing to complete.*
10. When the processing is finished, the following screen appears.



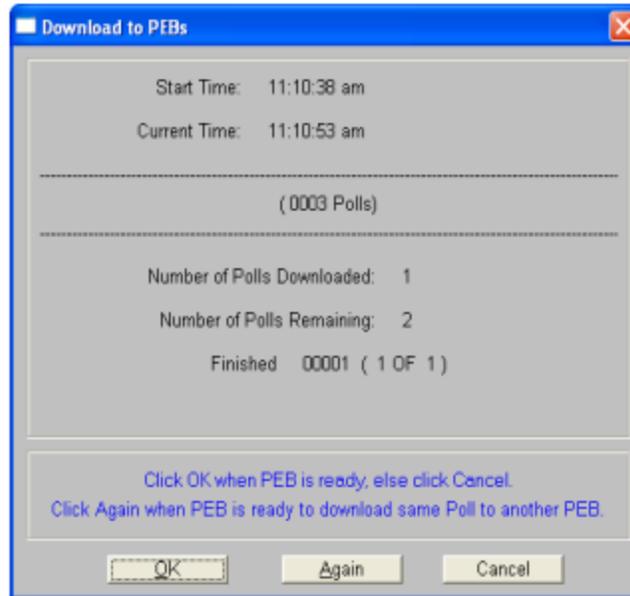
11. Select **Again** to prepare more PEBs for the poll. Click **Cancel** when you finish preparing PEBs.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

12. The following screen will appear if you selected a range of polls, such as 1 through 3. Select **Again** to continue to prepare more PEBs for the same polling place. Click **OK** to move on and prepare PEBs for the next polling place. Click **Cancel** when finished preparing PEBs.



NOTE: The PEB burn process does not support burning large poll PEBs, those which require the TBL / VLR files resident on the election compact flash card. Use the PEB burn feature and the PEB Reader / Writer for regular PEBs and use the Supervisor Terminal to burn large poll elections.

Qualify PEBs for Large Polls

HPM identifies the need for the large poll ballot and PEB during the Create Tabulator Parameters process and then lists all large poll ballots on the HPM [EL32U, Ballot Data File Status Report](#).

Before burning large poll PEBs, the Supervisor Terminal being used to burn the large poll PEBs must be Cleared and Tested using a non-large poll PEB burned using the HPM feature so that the HPM-assigned election-specific EQC code is transferred into the Supervisor Terminal and is then available to burn into the large poll PEB.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

As a reminder, to burn large poll PEBs you must first burn the compact flash card for the election using the [Prepare Election Compact Flash](#) function in HPM. This creates the master compact flash card from which copies are made for each voter terminal used in the election. Either the master compact flash card or a duplicate of the master must be inserted into the Supervisor Terminal before attempting to burn a large poll PEB. The large poll PEB burn operation will fail if the compact flash card is not present.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

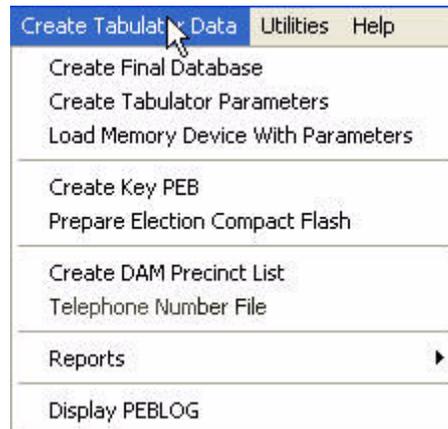
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 24: Create Key PEB

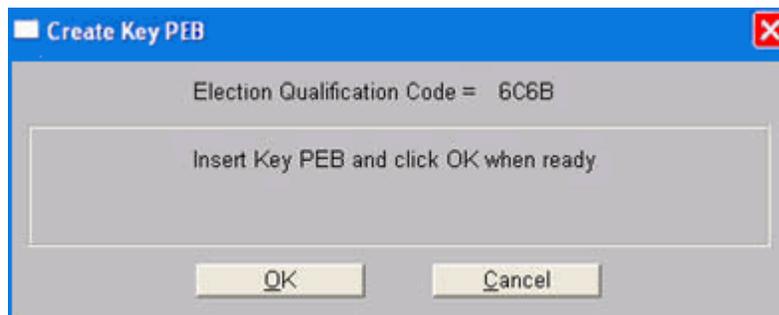
This option enables the creation of an encrypted PEB for use with the iVotronic.



Refer to the iVotronic System Operations Procedures manual for more information about the Key PEB.



1. From the Create Tabulator Data menu, select **Create Key PEB**.



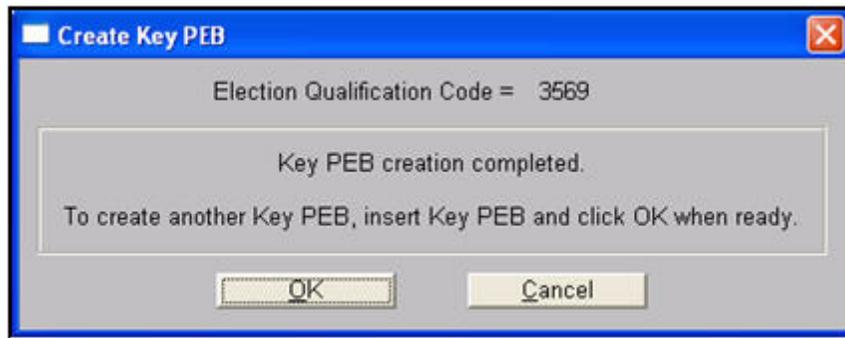
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

2. Insert the PEB into the PEB reader and Click **OK** in the Create Key PEB window.



3. Remove the PEB from the PEB reader.
4. To create more Key PEBs insert another PEB into the PEB reader and click **OK**.
5. If no more Key PEBs are needed click **Cancel**.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 25: Prepare Election Compact Flash

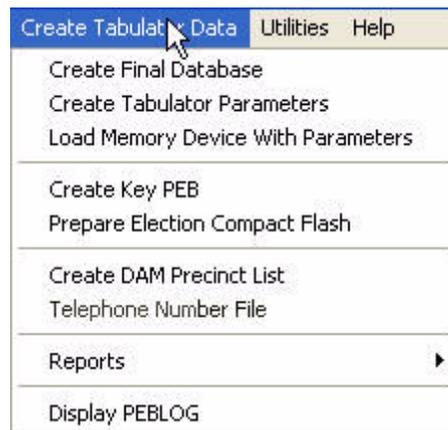
This option enables iVotronic users to copy all bitmap and WAV files needed for the entire iVotronic ballot to the compact flash card.

NOTE: The following directories and file types are found in the **\ELECDATA \election name\Flash** directory, this folder is located on the local disk or mapped network drive:

- 
- ADT
 - BXT
 - CPF
 - SYS
 - WAV
 - WXT

The Compact Flash Utility adds the time stamp to the .bxt and .wav files when it copies them from the PC to the compact flash.

The .html file is a log of all files copied to the compact flash card. If the program finds any files that were not needed, it removes them from the card and labels them as REMOVED in the log file.



1. From the Create Tabulator Data menu, select **Prepare Election Compact Flash**. The following window will appear.

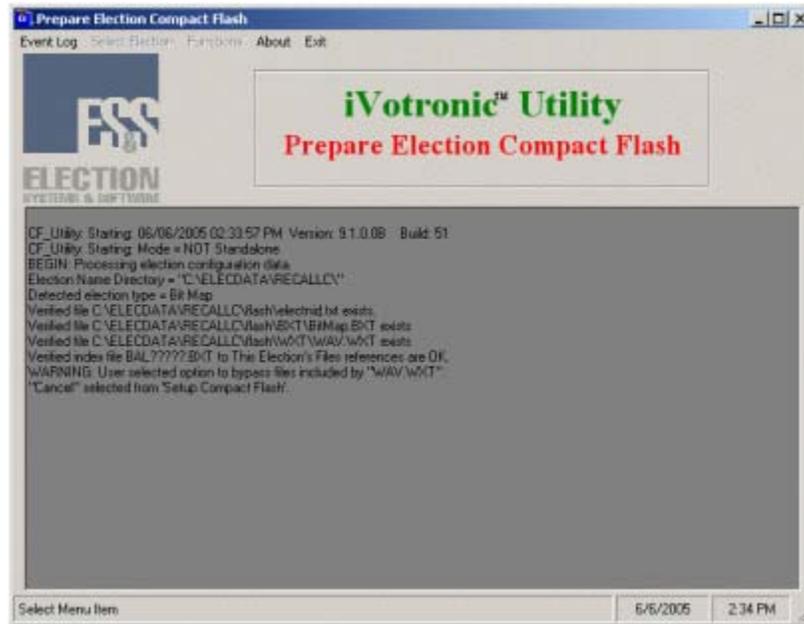
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features **HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:**

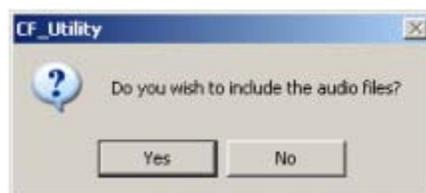
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

The system will detect that the electnid.txt, Bitmap.BXT, and WAV.WXT all exist, and then display messages that they each exist. In addition, it will verify the Bitmap.BXT index files against the BAL#####.BXT files and then the BAL#####.BXT files back against the Bitmap.BXT index file.



2. A message box will appear asking whether you want to download the WAV files. If the compact flash card you are downloading is for an audio-enabled unit, download the WAV files. If this terminal is not audio-enabled, you do not need to download the WAV files.



If you select **Yes** and the WAV folder does not contain all files listed in the WAV.WXT file the system will display a message similar to the following, that shows the number of audio files missing.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



If you select **No** the event log will show you selected the option to bypass files included in the WAV.WXT file.



3. Select the appropriate drive letter from the **Select the Compact Flash Drive Letter** list.

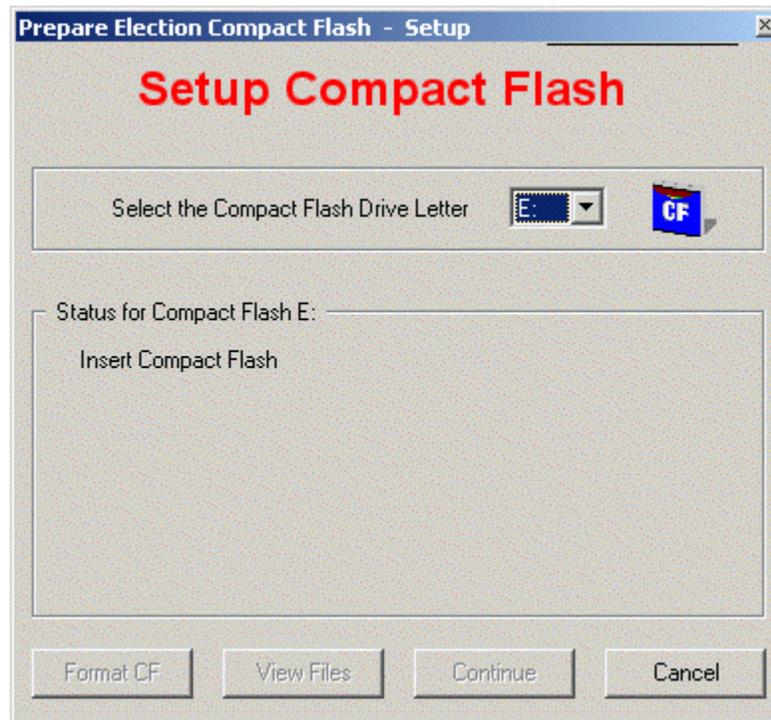
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

If a drive letter for the compact flash card has not been selected, the message, “No Compact Flash Drive Selected” appears. If a compact flash card has not been inserted into the reader, the system detects that it is not there and returns a message to insert it.



4. Insert a compact flash card into the compact flash unit. Be sure that the card has the capacity to hold all of the files.

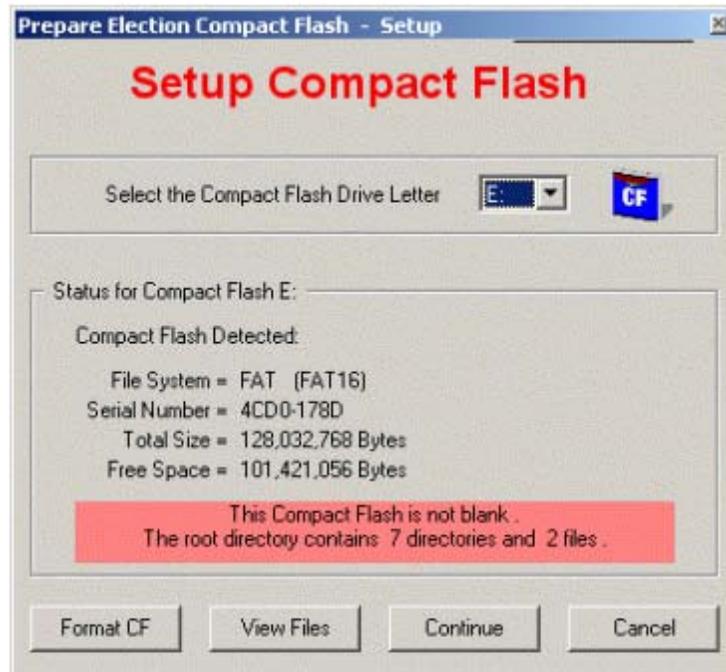
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

After the compact flash card has been inserted, the buttons at the bottom become active and the status of the compact flash card appears.



The status items are:

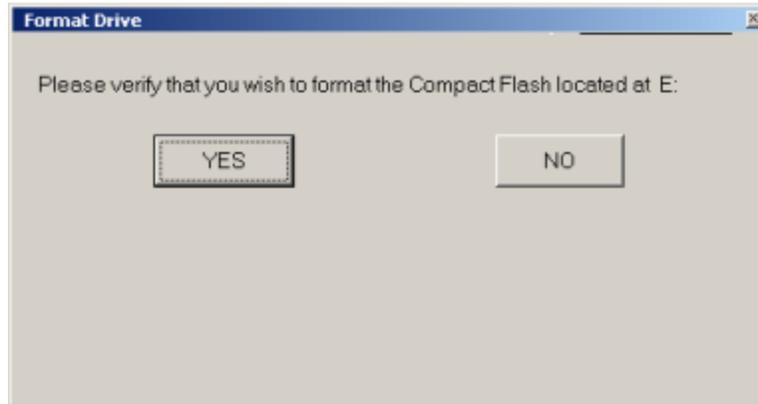
- **File System** – FAT must be 16 in order to use this program
 - **Serial Number** – Serial number of this compact flash card for identification purposes only
 - **Total Size** – Displays total space on the compact flash card
 - **Free Space** – After all files are loaded, at least 2MB of free space must be present for audit data collection
5. If the card is not blank, a message will appear advising you of the number of files and directories present.

NOTICE OF UNCERTIFIED FUNCTIONALITY

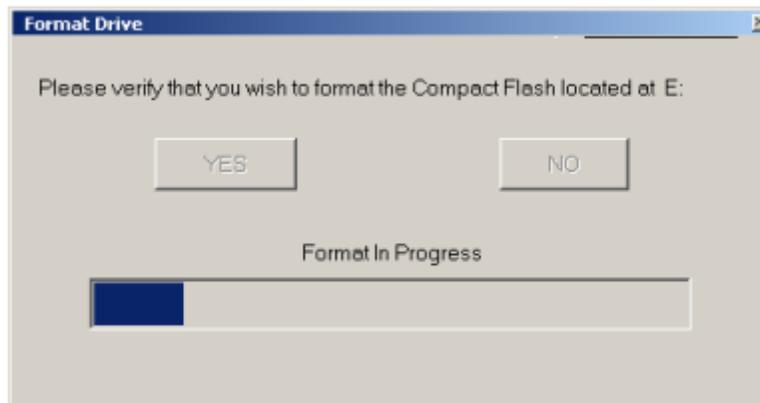
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

The card can be reformatted, if necessary. Select **Format CF** to format the compact flash. This process will delete all information contained on the flash and prepare it for download.



6. Select **NO** to not proceed with the format process and return to the previous screen. Select **YES** to continue with the format process. The following screen will appear, showing the progress of the format process.



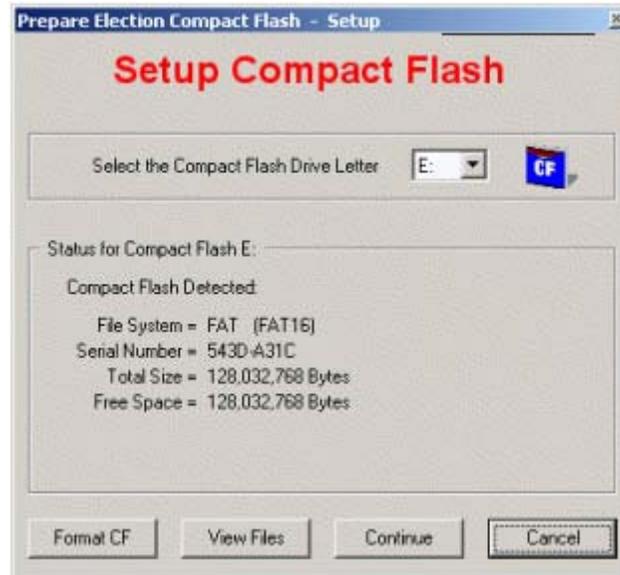
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Once the formatting is complete the following screen will appear.



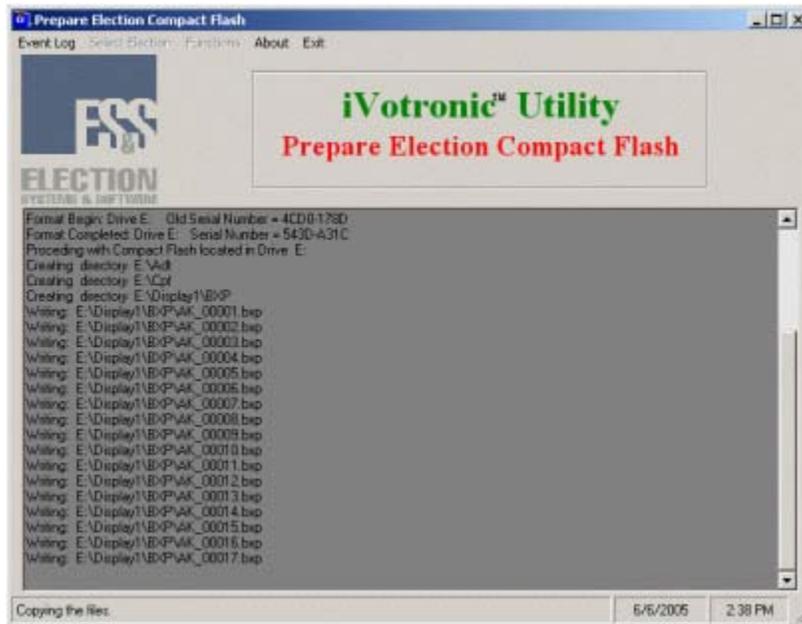
7. Select **Continue** to download the required election files to the compact flash card. This process will delete all information contained on the flash and prepare it for download. After all files are copied and the timestamps are merged into the BXT and WXT files, the system verifies that there is sufficient space (at least 2MB) left on the compact flash card.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



The screen will display the files being copied to the compact flash card. The system will prompt you when all files have been copied. If an error is encountered during the copy process the system will display a message similar to the following example.



8. Select **View Files** to view a list of files copied to the compact flash card.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



9. To print a hard copy of the iVotronic Prepare Election Compact Flash log select **Print Event Log**. The standard print options screen will appear.
10. To save a copy of the iVotronic Prepare Election Compact Flash log select **Save Event Log**. The standard Save As options screen displays. Select the destination for the CF Utility.log file.

NOTICE OF UNCERTIFIED FUNCTIONALITY

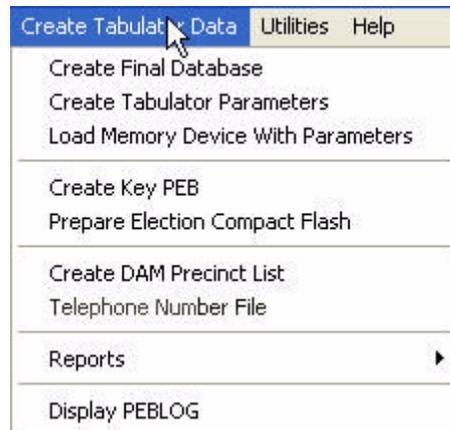
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

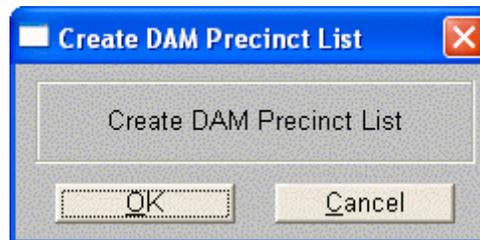
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 26: Create DAM Precinct List

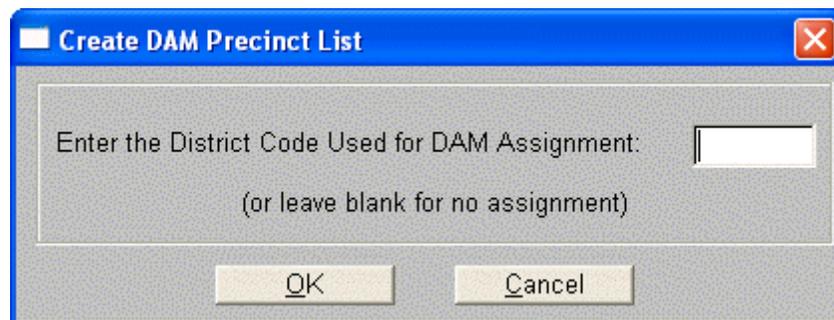
This option is a listing of the precincts that will be sent to each DAM unit and will have the election name with an SPL extension (e.g., TESTELEC.SPL). After creating the parameters and loading the files onto the memory device, use this option to create the precinct list for Data Acquisition Manager (DAM).



1. Select **Create DAM Precinct List** from the **Create Tabulator Data** menu.



2. Click **OK**

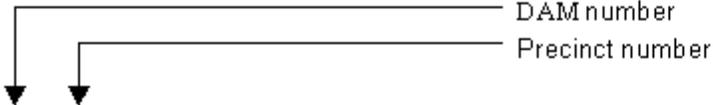


NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

3. Enter the District code to be used for DAM assignment. This code is in the Districts window accessed from the **Jurisdiction Master** screen. Because this district code will determine which precincts each DAM unit will be expecting, it must be included for any precincts that are using DAM units. You may leave this field blank if you are not assigning a DAM district code. The file will be created automatically.
4. If you have assigned a DAM district code and there are unassigned precincts, the system will ask if it should include the unassigned precincts in DAM 0001. Click **Yes** if all unassigned precincts should be included in DAM 0001 or **No** if they should not be included.
5. The .SPL file will contain eight numbers and the precinct name on each line. The eight numbers are the DAM district number and the precinct number. For example, if DAM district 0001 is assigned to precinct 0001 and DAM district 0002 is assigned to precincts 0003-0006 and 0008, the entries in this file would be as follows:



00010001WASHINGTON 1B

00020003WASHINGTON 1D

00020004WASHINGTON 1E

00020005WASHINGTON 2A

00020006WASHINGTON 2C

00020008WASHINGTON 3A

DAM 0001 will be expecting results from precinct 0001 only, and DAM 0002 will be expecting results from precincts 0003, 0004, 0005, 0006 and 0008.

6. After the file has been created, an information box will appear.

NOTICE OF UNCERTIFIED FUNCTIONALITY

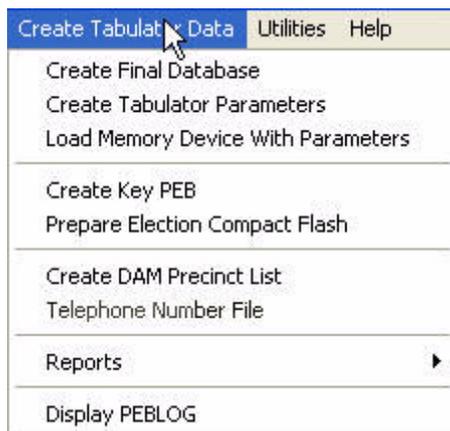
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 27: Telephone Number File

Use this option to set the telephone numbers for your modems. This option is available only if you have selected the **Using Modems** check box in the Change Control File window from the Utilities menu.



1. Select **Telephone Number File** on the **Create Tabulator Data** menu.

When you use this option the first time, the following window will appear. After you have created the telephone number file in this window, the default telephone numbers window will be the first window.

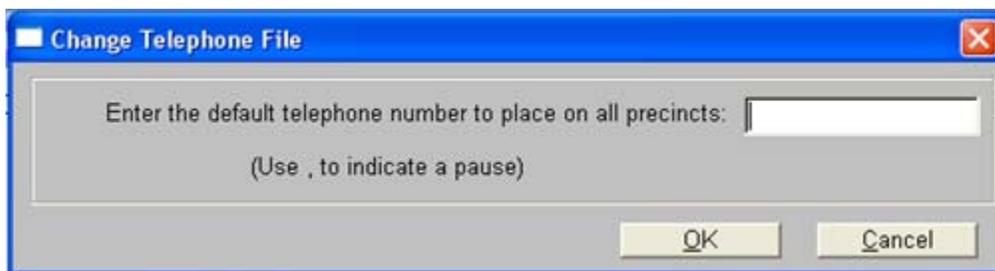


2. Leave the file name blank, and click **OK** to create the <election name>.TEL file. The default telephone number window will open.

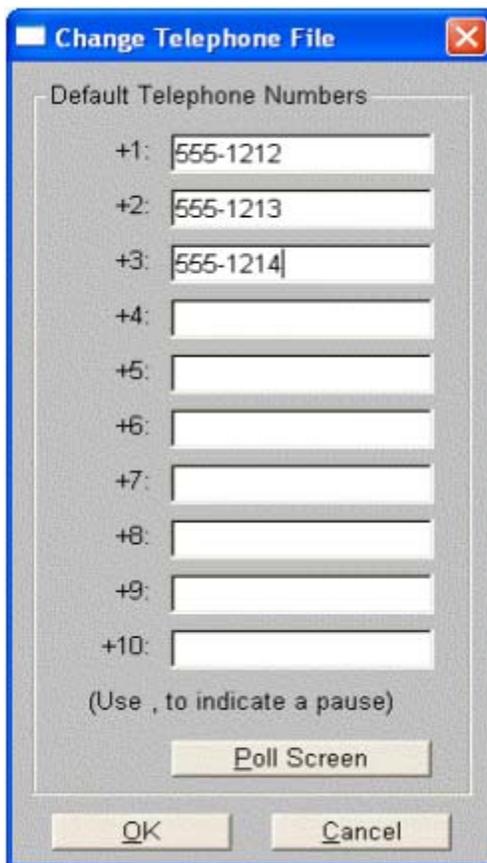
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission



3. Enter the default telephone number to be placed on all precincts/polls. Click **OK**. The Change Default Telephone File window will open.



4. Enter all of the default telephone numbers.
5. To go to the screen with a list of precincts/polling places and their telephone numbers, click **Poll Screen** or **Precinct Screen**.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

Poll	Telephone Number	Poll	Telephone Number	Poll	Telephone Number	(+1 thru +9 Default telephone numbers)
1	815-555-1212	2	815 555-1218	3	815 555-1215	+1=815-555-1212
4	815 555-1215	5	815 555-1213	6	815 555-1213	+2=815 555-1213
7	815 555-1216	8	815 555-1214	9	815 555-1215	+3=815 555-1215
10	815-555-1212	11	815 555-1214	12	815 555-1217	+4=815 555-1214
13	815 555-6161	14	815 555-1219	15	815 555-1217	+5=815 555-1216
16		17		18		+6=815 555-1217
19		20		21		+7=815 555-1218
22		23		24		+8=815 555-1219
25		26		27		+9=815 555-6161
28		29		30		
31		32		33		
34		35		36		
37		38		39		
40		41		42		
43		44		45		



NOTE: If you are using Polling Place Mode, you will enter telephone numbers by Poll; if you are not using Polling Place Mode, you will enter telephone numbers by Precinct.

6. Press **Shift +** and then type the number of the default telephone number you will use for this poll.

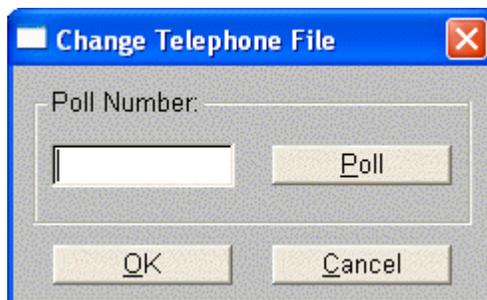
All default numbers that you have entered are listed at the right in this window. The number will be entered automatically.

7. Enter all polls and their default telephone numbers.
8. If you want to change a specific precinct/poll click the **Find Poll/Find Precinct** button to open the Poll/Precinct Number window.

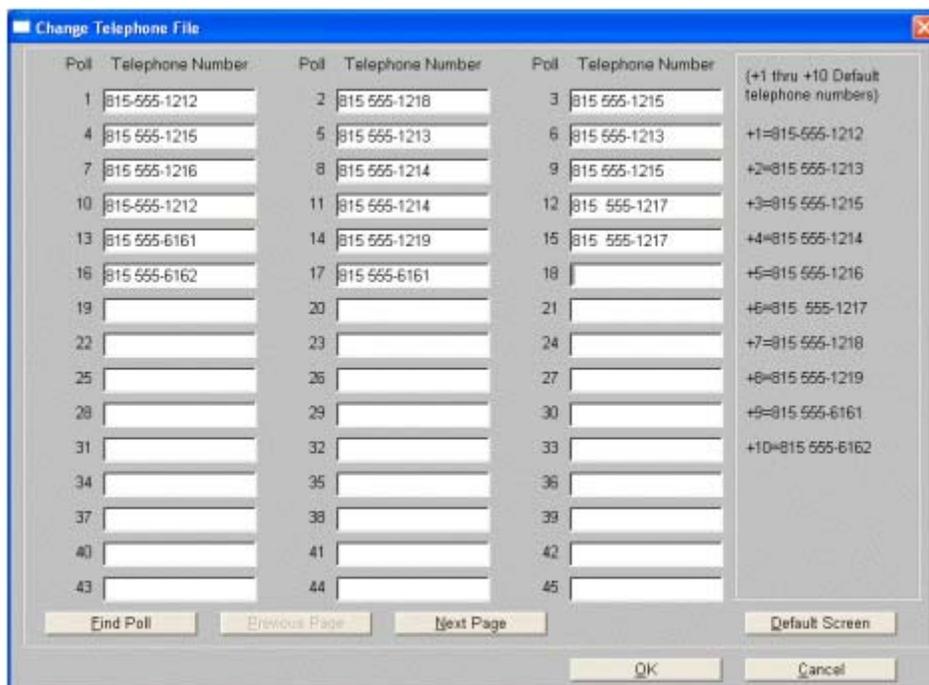
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission



9. Select a poll or precinct from the **Poll** or **Precinct** list and click **OK**. You will return to the previous screen.



10. When you click **OK** to exit the program, you will be prompted to save the file.

NOTICE OF UNCERTIFIED FUNCTIONALITY

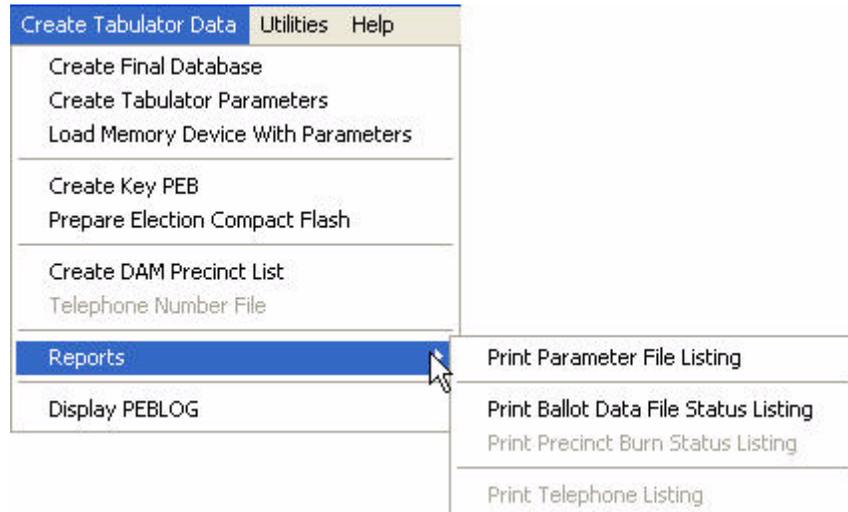
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

Chapter 28: Reports

Use the Reports option on the Create Tabulator Data menu to create the following reports.

- ❖ EL32, Parameter Listing - All Parameters
- ❖ EL32, Parameter Listing - Selected Parameters
- ❖ EL32, Parameter Listing - All Parameters Extended Mode
- ❖ EL32, Parameter Listing - Selected Parameters Extended Mode
- ❖ EL32U, Ballot Data File Status Report
- ❖ EL41, Prom Status Listing
- ❖ EL122B, PBC Telephone No. Listing



Print Parameter File Listing

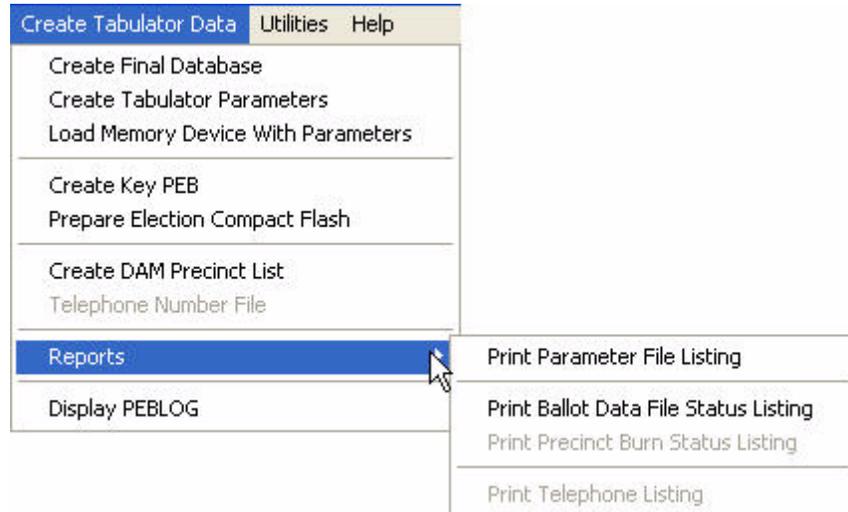
Use the Print Parameter File Listing to view the parameters of the election files for tabulators that use the Optech ballot.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



1. From the Create Tabulator Data menu, point to **Reports**, and select **Print Parameter File Listing**.



2. Select which parameters you want to print.
 - Print All Parameters
 - Print Selected Parameters
 - Print All Parameters in Extended Mode
 - Print Selected Parameters in Extended Mode
3. If you chose **Print Selected Parameters** or **Print Selected Parameters in Extended Mode**, the following window appears. Enter the range of precincts/polls for which to print in the **Include Precincts** boxes.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

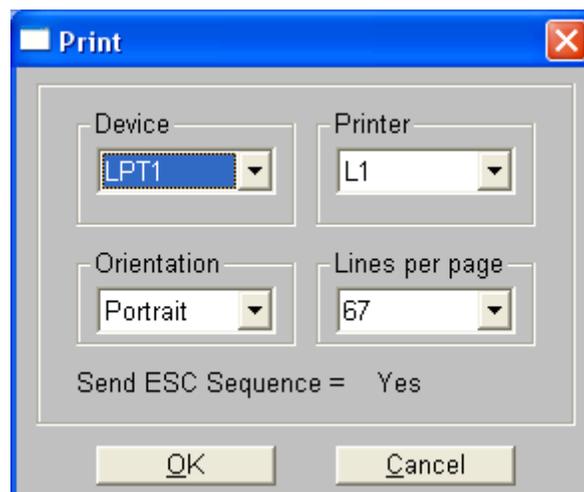
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



NOTE: If you chose **Print All Parameters** or **Print All Parameters in Extended Mode**, this window does not appear. Skip step 3.

4. Click **OK**. The Print window appears.



5. From the **Device** list, select where the report will print.
 - Select **Disk** to print the report to the hard disk drive.
 - Select **LPT1**, **LPT2** or **LPT3** to print the report to the printer hooked up to a parallel port.
 - Select **COM1**, **COM2** to print the report to the printer hooked up on a serial port.
6. From the **Printer** list, select **L1**, **L2**, or **L3** for the correct laser printer or select **P1**, **P2**, or **P3** for the correct line printer.
 If you select **L1**, **L2**, or **L3**, continue with steps 7 and 8. If you select **P1**, **P2**, or **P3**, skip to step 10.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features **HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:**

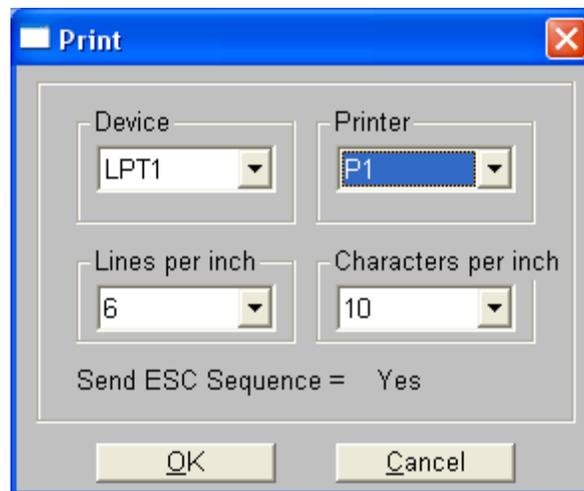
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Laser Printer

7. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select an option from the **Orientation** list.
 - Select **Portrait** to print in 8.5" x 11" mode
 - Select **Landscape** to print in 11" x 8.5" mode.
8. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select the number of lines to print per page from the **Lines per page** list
 - Select **59**, **67**, **79**, **96**, or **118** if you selected **Portrait** from the **Orientation** list.
 - Select **44**, **50**, **59**, **70** or **89** if you selected **Landscape** from the **Orientation** list.
9. Skip to step 12.

Line Printer



10. From the **Lines per inch** list, choose to print **6** or **8** lines per inch.
11. From the **Characters per inch** list, select to print **10** or **16** characters per inch.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

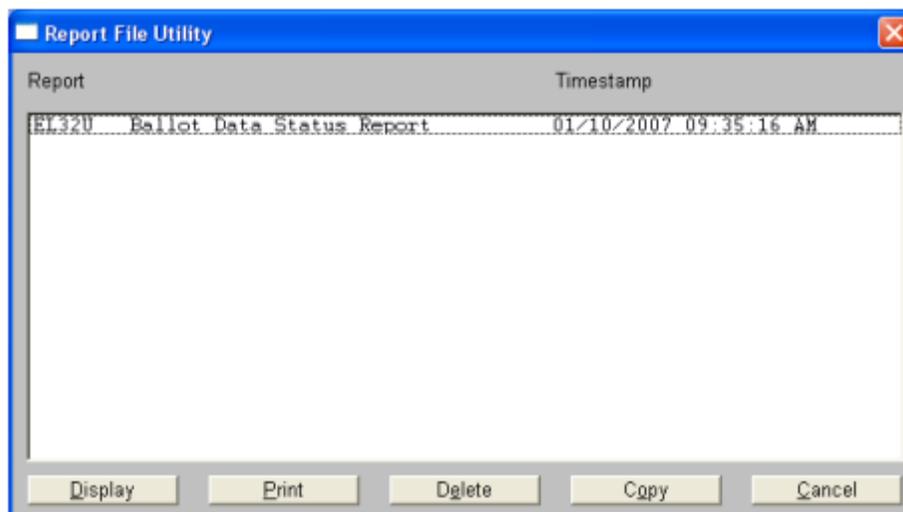
- Automated Bar Code Reader (ABCR) •iVotronic DRE •Model 100 •Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) •All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

12. Click **OK**. If the **Device** is set to **Disk**, the Print Ballot Data File Status Listing window appears. Otherwise, the report will print directly to the printer you chose.



13. Click **OK**. The Report File Utility window appears.



14. Select from the following options.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Buttons Available on the Report File Utility Window

Use this button...	To perform this action...
Display	Display the selected report on your screen for immediate viewing
Print	Print the selected report to the device you specify
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify
Cancel	Return you to the main menu

If you select **Display**, the EL32, Parameter Listing window will appear. The option you chose in step 2 determines the version of the report that will be created.



Refer to the [EL32, Parameter Listing - All Parameters](#), [EL32, Parameter Listing - Selected Parameters](#), [EL32, Parameter Listing - All Parameters Extended Mode](#), and [EL32, Parameter Listing - Selected Parameters Extended Mode](#) headings in this chapter for a samples of the EL32, Parameter Listing reports.

When you display a report, a menu bar is available at the top left of the report screen.

File Edit View Search

- ❖ Click **Edit** to change the font size.
- ❖ Click **View** to move around within the report.

View Menu Options

To perform this action...	Select this option...	Or, press...
Move to a specific page of the report	Go to page	Ctrl + G
Move forward one page	Next page	Ctrl + N
Move back one page	Previous page	Ctrl + P
Move to the first page of the report	First page	Ctrl + F

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

View Menu Options (*continued*)

To perform this action...	Select this option...	Or, press...
Move to the last page of the report	Last page	Ctrl + L

- ❖ Click **Search** and select **Find** to find a particular name or string of text, and then enter the text string. Press F3 or select **Find Next** to find the next instance of that string. The program will then find the text and highlight it.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

EL32, Parameter Listing - All Parameters

EAGLE/OPTECH IU-C DEMO BALLOT ELECTION MANAGEMENT SYSTEM PARAMETER LISTING		ELECTION ID: ESS3PE REPORT - EL32 PAGE 1	
line1 RUN DATE:06-02-05 9:42 AM			
0001 PRECINCT 1	WRITE-IN (2, 005)	DIRECTOR OF ENTERTAINMENT	
EAGLE/OPTECH IU-C	OVER	VOTE FOR NO MORE THAN 3	
FAMOUS NAMES/100	UNDER		
DEMONSTRATION BALLOT	MEMBER OF STATE	CAROLE LOMBARD (3, 016)	
REV A - STRAIGHT PARTY BALLOT	LEGISLATURE - 3RD DIST	GEORGE JESSEL (3, 017)	
STYLE 1	UA - SUSAN B. ANTHONY (2, 006)	BILLY ROSE (3, 018)	
BALLOTS COUNTED	OR - MAMIE EISENHOWER (2, 007)	NATHRYN SMITH (3, 019)	
- TOTAL	OR - ELEANOR ROOSEVELT (2, 008)	ISADORA DUNCAN (3, 020)	
STRAIGHT PARTY OFFICE	NY - DOLLY MADISON (2, 009)	EDWARD ELLINGTON (3, 021)	
UA - VIRGINIA PARTY (1, 001)	WRITE-IN (2, 010)	WRITE-IN (3, 022)	
OH - OHIO PARTY (1, 002)	OVER	WRITE-IN (3, 023)	
OR - OREGON PARTY (1, 003)	UNDER	OVER	
NY - NEW YORK PARTY (1, 004)	STATE TREASURER	UNDER	
OVER	UA - CORNELIUS VANDERBILT (2, 011)	DIRECTOR OF TRANSPORTATION	
UNDER	OR - J. PAUL GETTY (2, 012)	UA - HENRY FORD (3, 025)	
PRESIDENT & VICE PRESIDENT	OR - JOHN D. ROCKEFELLER (2, 013)	OH - RANSOM E. OLDS (3, 026)	
UA - ZACHARY TAYLOR (1, 005)	NY - JOHN P. MORGAN (2, 014)	WRITE-IN (3, 027)	
UA - WILLARD WILMORE (1, 006)	WRITE-IN (2, 015)	OVER	
OH - BENJAMIN HARRISON (1, 007)	OVER	UNDER	
OR - ADLAI E. STEVENSON (1, 008)	ASSOCIATE JUSTICE OF SUPREME COURT	JUDGE OF SUPERIOR COURT - 2ND DISTRICT	
OR - CHESTER A. ARTHUR (1, 009)	UA - LEARNED HAND (2, 016)	UM. A. DOUGLAS (5, 001)	
OR - THOMAS A. HENDRICKS (1, 010)	OH - CLARENCE DARROW (2, 017)	JOHN BASSETT MOORE (5, 002)	
NY - THEODORE ROOSEVELT (1, 011)	OR - JOHN MARSHALL (2, 018)	EARL WARREN (5, 003)	
NY - CHARLES W. FAIRBANKS (1, 012)	NY - JOHN JAY (2, 019)	JOHN SOLOMON (5, 004)	
WRITE-IN (1, 013)	WRITE-IN (2, 020)	WRITE-IN (5, 005)	
OVER	OVER	OVER	
UNDER	UNDER	UNDER	
U. S. SENATOR	BOARD OF EDUCATION	JUDGE OF SUPERIOR COURT - 3RD DISTRICT	
UA - EVERETT DIRKSEN (1, 010)	BOOKER T. WASHINGTON (3, 001)	OLIVER HOLMES (5, 006)	
OH - CHARLES CURTIS (1, 011)	ALBERT EINSTEIN (3, 002)	GEO. BAER (5, 007)	
OR - JOHN HANCOCK (1, 012)	THOMAS A. EDISON (3, 003)	CARRY NATION (5, 008)	
NY - NELSON W. ALDRICH (1, 013)	HELEN KELLER (3, 004)	ROGER TANEY (5, 009)	
WRITE-IN (1, 014)	JOHN DEWEY (3, 005)	WRITE-IN (5, 010)	
OVER	WRITE-IN (3, 006)	OVER	
UNDER	OVER	UNDER	
U. S. REPRESENTATIVE	DIRECTOR OF RECREATION	JUDGE OF SUPERIOR COURT - 4TH DISTRICT	
UA - WILLIAM B. WILSON (1, 015)	VOTE FOR NO MORE THAN 2	UM. McADOO (5, 011)	
OH - ROBERT LAPOLLETTE (1, 016)	LEROV "SACHEL" PAIGE (3, 007)	JOHN ARMSTRONG (5, 012)	
OR - W. C. REDFIELD (1, 017)	HAROLD "RED" GRANGE (3, 008)	THOMAS TODD (5, 013)	
NY - JAMES WADSWORTH (1, 018)	JOHN WEISSMULLER (3, 009)	WRITE-IN (5, 014)	
WRITE-IN (1, 019)	ROUTE ROCONE (3, 010)	OVER	
OVER	WILLIAM DEMPSEY (3, 011)	UNDER	
UNDER	GEORGE RUTH (3, 012)	JUDGE OF SUPERIOR COURT - 5TH DISTRICT	
STATE SENATOR	MILDRED ZAHARIAS (3, 013)	SOJOURNER TRUTH (5, 015)	
UA - FLORENCE NIGHTINGALE (2, 001)	WRITE-IN (3, 014)	MARY K. MORAN (5, 016)	
OH - ANDREW CARNEGIE (2, 002)	OVER		
OR - FRANCIS SCOTT KEY (2, 003)	UNDER		
NY - WILLIAM R. HEARST (2, 004)			

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABC) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

EL32, Parameter Listing - Selected Parameters

EAGLE OPTECH IU-C DEMO BALLOT ELECTION MANAGEMENT SYSTEM PARAMETER LISTING		ELECTION ID: ESS3PE REPORT - EL32 PAGE 1	
line1 RUN DATE:06-02-05 9:44 AM			
0003 PRECINCT 3	WRITE-IN (2, 005)	DIRECTOR OF ENTERTAINMENT	
EAGLE/OPTECH IU-C	OVER	VOTE FOR NO MORE THAN 3	
FAMOUS NAMES/100	UNDER	CAROLE LOMBARD (3, 016)	
DEMONSTRATION BALLOT	MEMBER OF STATE	GEORGE JESSEL (3, 017)	
REV A - STRAIGHT PARTY BALLOT	LEGISLATURE - 3RD DIST	BILLY ROSE (3, 018)	
STYLE 1	UA - SUSAN B. ANTHONY (2, 006)	KATHRYN SMITH (3, 019)	
BALLOTS COUNTED	OH - MAMIE EISENHOWER (2, 007)	ISADORA DUNCAN (3, 020)	
- TOTAL	OR - ELEANOR ROOSEVELT (2, 008)	EDWARD ELLINGTON (3, 021)	
STRAIGHT PARTY OFFICE	NY - DOLLY MADISON (2, 009)	WRITE-IN (3, 022)	
UA - VIRGINIA PARTY (1, 001)	WRITE-IN (2, 010)	WRITE-IN (3, 023)	
OH - OHIO PARTY (1, 002)	OVER	WRITE-IN (3, 024)	
OR - OREGON PARTY (1, 003)	UNDER	UNDER	
NY - NEW YORK PARTY (1, 004)	STATE TREASURER	DIRECTOR OF TRANSPORTATION	
OVER	UA - CORNELIUS VANDERBILT (2, 011)	UA - HENRY FORD (3, 025)	
UNDER	OH - J. PAUL GETTY (2, 012)	OH - RANSOM E. OLDS (3, 026)	
PRESIDENT & VICE PRESIDENT	OR - JOHN D. ROCKEFELLER (2, 013)	WRITE-IN (3, 027)	
UA - ZACHARY TAYLOR	NY - JOHN P. MORGAN (2, 014)	OVER	
UA - MILLARD FILLMORE (1, 005)	WRITE-IN (2, 015)	UNDER	
OH - BENJAMIN HARRISON	ASSOCIATE JUSTICE OF SUPREME COURT	JUDGE OF SUPERIOR COURT - 2ND DISTRICT	
OH - ADLAI E. STEVENSON	UA - LEARNED HAND (2, 016)	WM. A. DOUGLAS (5, 001)	
OR - CHESTER A. ARTHUR	OH - CLARENCE DARROW (2, 017)	JOHN BASSETT MOORE (5, 002)	
OR - THOMAS A. HENDRICKS	OR - JOHN MARSHALL (2, 018)	EARL WARREN (5, 003)	
NY - THEODORE ROOSEVELT	NY - JOHN JAY (2, 019)	JOHN SOLOMON (5, 004)	
NY - CHARLES W. FAIRBANKS	WRITE-IN (2, 020)	WRITE-IN (5, 005)	
WRITE-IN	OVER	OVER	
OVER	UNDER	UNDER	
UNDER	BOARD OF EDUCATION	JUDGE OF SUPERIOR COURT - 3RD DISTRICT	
U. S. SENATOR	BOOKER T. WASHINGTON (3, 001)	OLIVER HOLMES (5, 006)	
UA - EVERETT DIRKSEN (1, 010)	ALBERT EINSTEIN (3, 002)	GEO. BAER (5, 007)	
OH - CHARLES CURTIS (1, 011)	THOMAS A. EDISON (3, 003)	CARRY MATLON (5, 008)	
OR - JOHN HANCOCK (1, 012)	HELEN KELLER (3, 004)	ROGER TANEY (5, 009)	
NY - NELSON W. ALDRICH	JOHN DEWEY (3, 005)	WRITE-IN (5, 010)	
WRITE-IN (1, 014)	WRITE-IN (3, 006)	OVER	
OVER	OVER	UNDER	
UNDER	UNDER	JUDGE OF SUPERIOR COURT - 4TH DISTRICT	
U. S. REPRESENTATIVE	DIRECTOR OF RECREATION	WM. McADOO (5, 011)	
UA - WILLIAM B. WILSON (1, 015)	VOTE FOR NO MORE THAN 2	JOHN ARMSTRONG (5, 012)	
OH - ROBERT LAPOLLETTE (1, 016)	LERROY "SATCHEL" PRICE (3, 007)	THOMAS TODD (5, 013)	
OR - W. C. REDFIELD (1, 017)	HAROLD "RED" GRANGE (3, 008)	WRITE-IN (5, 014)	
NY - JAMES WADSWORTH	JOHN WEISSMULLER (3, 009)	OVER	
WRITE-IN (1, 019)	KNUTE ROCKNE (3, 010)	UNDER	
OVER	WILLIAM DEMPSEY (3, 011)	JUDGE OF SUPERIOR COURT - 5TH DISTRICT	
UNDER	GEORGE RUTH (3, 012)	SOJOURNER TRUTH (5, 015)	
STATE SENATOR	MILDRED ZAHARIAS (3, 013)	MARY K. MORAN (5, 016)	
UA - FLORENCE NIGHTINGALE (2, 001)	WRITE-IN (3, 014)		
OH - ANDREW CARNEGIE (2, 002)	WRITE-IN (3, 015)		
OR - FRANCIS SCOTT KEY (2, 003)	OVER		
NY - WILLIAM R. HEARST (2, 004)	UNDER		

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

EL32, Parameter Listing - All Parameters Extended Mode

```

EL32 Page 1 of 8
File Edit View Search

                                EAGLE OPTTECH IU-C DEMO BALLOT
                                ELECTION MANAGEMENT SYSTEM
                                PARAMETER LISTING
                                ELECTION ID: ESS3PE
                                REPORT - EL32 PAGE 1

line1
RUN DATE:06-02-05 9:44 AM

<Polls open at: 01/01/05 00:00>
<Polls close at: 12/01/05 00:00>
<3 Column Optech Ballot>
  <Regular bals: counted, rear bin>
  <Read error bals: returned to voter>
  <Unprocessed bals: returned to voter>
  <Blank bals: returned to voter>
  <Write-in bals: counted, center bin>
  <Over voted bals: returned to voter>
  <Cross voted bals: counted, rear bin>
  <Return error bals: striped, center bin>
  <State code is MI>
  <Access code is 5657>
  <Count option 17 in set to off>
  <Count option 18 in set to off>
  <Count option 19 in set to off>
  <Count option 20 in set to off>
  <Count option 21 in set to off>
  <Security Left=*****! Right=*****!>
  <Security Left=*****! Right=*****!>
  <Security Left=*****! Right=*****!>
  <Security Left=*****! Right=*****!>

0001 PRECINCT 1
EAGLE/OPTTECH IU-C
FAMOUS NAMES/100
DEMONSTRATION BALLOT
REV A - STRAIGHT PARTY BALLOT
STYLE 1

BALLOTS COUNTED
- TOTAL
  <Counter 1>
  <Split cd Left=*****! Right=*****!>

<Straight Party State>
STRAIGHT PARTY OFFICE
  <Split cd Left=*****! Right=*****!>

UA - VIRGINIA PARTY
  <Col 1 Pos 1 Party 1 Counter 2>
OH - OHIO PARTY
  <Col 1 Pos 2 Party 2 Counter 3>
OR - OREGON PARTY
  <Col 1 Pos 3 Party 3 Counter 4>
NY - NEW YORK PARTY
  <Col 1 Pos 4 Party 4 Counter 5>
OVER
UNDER

PRESIDENT &
VICE PRESIDENT
UA - ZACHARY TAYLOR
  <Split cd Left=*****! Right=*****!>
UA - MILLARD FILLMORE
  <Col 1 Pos 5 Party 1 Counter 8>
OH - BENJAMIN HARRISON
OH - ADLAI E. STEVENSON

  <Col 1 Pos 6 Party 2 Counter 9>
OR - CHESTER A. ARTHUR
OR - THOMAS A. HENDRICKS
  <Col 1 Pos 7 Party 3 Counter 10>
NY - THEODORE ROOSEVELT
NY - CHARLES W. FAIRBANKS
  <Col 1 Pos 8 Party 4 Counter 11>
WRITE-IN
  <Col 1 Pos 9 Counter 12>
OVER
UNDER

U. S. SENATOR
  <Split cd Left=*****! Right=*****!>
UA - EVERETT DIRKSEN
  <Col 1 Pos 10 Party 1 Counter 15>
OH - CHARLES CURTIS
  <Col 1 Pos 11 Party 2 Counter 16>
OR - JOHN HANCOCK
  <Col 1 Pos 12 Party 3 Counter 17>
NY - NELSON W. ALDRICH
  <Col 1 Pos 13 Party 4 Counter 18>
WRITE-IN
  <Col 1 Pos 14 Counter 19>
OVER
UNDER

U. S. REPRESENTATIVE
  <Split cd Left=*****! Right=*****!>
UA - WILLIAM B. WILSON
  <Col 1 Pos 15 Party 1 Counter 22>
OH - ROBERT LAFOLLEITE
  <Col 1 Pos 16 Party 2 Counter 23>
OR - U. C. REDFIELD
  <Col 1 Pos 17 Party 3 Counter 24>
NY - JAMES WADSWORTH
  <Col 1 Pos 18 Party 4 Counter 25>
WRITE-IN
  <Col 1 Pos 19 Counter 26>
OVER
UNDER

STATE SENATOR
  <Split cd Left=*****! Right=*****!>
UA - FLORENCE NIGHTINGALE
  <Col 2 Pos 1 Party 1 Counter 29>
OH - ANDREW CARNEGIE
  <Col 2 Pos 2 Party 2 Counter 30>
OR - FRANCIS SCOTT KEY
  <Col 2 Pos 3 Party 3 Counter 31>
NY - WILLIAM R. HERBST
  <Col 2 Pos 4 Party 4 Counter 32>
WRITE-IN
  <Col 2 Pos 5 Counter 33>
OVER
UNDER

MEMBER OF STATE
LEGISLATURE - 3RD DIST
  <Split cd Left=*****! Right=*****!>
UA - SUSAN B. ANTHONY
  <Col 2 Pos 6 Party 1 Counter 36>
OH - MAMIE EISENHOWER
  <Col 2 Pos 7 Party 2 Counter 37>
OR - ELEANOR ROOSEVELT
  <Col 2 Pos 8 Party 3 Counter 38>
NY - DOLLY MADISON
  <Col 2 Pos 9 Party 4 Counter 39>
WRITE-IN
  <Col 2 Pos 10 Counter 40>
OVER
UNDER

STATE TREASURER
  <Split cd Left=*****! Right=*****!>
UA - CORNELIUS VANDERBILT
  <Col 2 Pos 11 Party 1 Counter 43>
OH - J. PAUL GETTY
  <Col 2 Pos 12 Party 2 Counter 44>
OR - JOHN D. ROCKEFELLER
  <Col 2 Pos 13 Party 3 Counter 45>
NY - JOHN P. MORGAN
  <Col 2 Pos 14 Party 4 Counter 46>
WRITE-IN
  <Col 2 Pos 15 Counter 47>
OVER
UNDER

ASSOCIATE JUSTICE OF
SUPREME COURT
  <Split cd Left=*****! Right=*****!>
UA - LEARNED HAND
  <Col 2 Pos 16 Party 1 Counter 50>
OH - CLARENCE DARROW
  <Col 2 Pos 17 Party 2 Counter 51>
OR - JOHN MARSHALL
  <Col 2 Pos 18 Party 3 Counter 52>
NY - JOHN JAY
  <Col 2 Pos 19 Party 4 Counter 53>
WRITE-IN
  <Col 2 Pos 20 Counter 54>
OVER
UNDER

BOARD OF EDUCATION
  <Split cd Left=*****! Right=*****!>
BOOKER T. WASHINGTON
  <Col 3 Pos 1 Counter 57>
ALBERT EINSTEIN
  <Col 3 Pos 2 Counter 58>
THOMAS A. EDISON
  <Col 3 Pos 3 Counter 59>
HELEN KELLER
  <Col 3 Pos 4 Counter 60>
JOHN DEWEY
  <Col 3 Pos 5 Counter 61>
WRITE-IN

```

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

EL32, Parameter Listing - Selected Parameters Extended Mode

```

EL32 Page 1 of 3
File Edit View Search

Line1          EAGLE OPTTECH IU-C DEMO BALLOT          ELECTION ID: ESS3PE
RUN DATE:06-02-05  9:45 AM          ELECTION MANAGEMENT SYSTEM          REPORT - EL32  PAGE 1
PARAMETER LISTING

(Polls open at: 01/01/05 00:00)
(Polls close at: 12/01/05 00:00)
(3 Column Opttech Ballot)
  (Regular bals: counted, rear bin)
  (Read error bals: returned to voter)
  (Unprocessed bals: returned to voter)
  (Blank bals: returned to voter)
  (Write-in bals: counted, center bin)
  (Over voted bals: returned to voter)
  (Cross voted bals: counted, rear bin)
  (Return error bals: striped, center bin)
  (State code is MI)
  (Access code is 5657)
  (Count option 17 is set to off)
  (Count option 18 is set to off)
  (Count option 19 is set to off)
  (Count option 20 is set to off)
  (Count option 21 is set to off)
  (Security Left-*****| Right-*****|)
  (Security Left-*****|* Right-*****|)

0003 PRECINCT 3
EAGLE/OPTTECH IU-C
FAMOUS NAMES/100
DEMONSTRATION BALLOT
REV A - STRAIGHT PARTY BALLOT
STYLE 1

BALLOTS COUNTED
- TOTAL
  (Counter 1)
  (Split cd Left-*****| Right-*****|)

(Straight Party Stats)
STRAIGHT PARTY OFFICE
  (Split cd Left-*****| Right-*****|)

UA - VIRGINIA PARTY
  (Col 1 Pos 1 Party 1 Counter 2)
OH - OHIO PARTY
  (Col 1 Pos 2 Party 2 Counter 3)
OR - OREGON PARTY
  (Col 1 Pos 3 Party 3 Counter 4)
NY - NEW YORK PARTY
  (Col 1 Pos 4 Party 4 Counter 5)
OVER
UNDER

PRESIDENT &
VICE PRESIDENT
UA - ZACHARY TAYLOR
  (Split cd Left-*****| Right-*****|)
UA - MILLARD FILLMORE
  (Col 1 Pos 5 Party 1 Counter 8)
OH - BENJAMIN HARRISON
OH - ABRAHAM LINCOLN
  (Col 1 Pos 6 Party 2 Counter 9)
OR - CHESTER A. ARTHUR
OR - THOMAS A. HENDRICKS
  (Col 1 Pos 7 Party 3 Counter 10)
NY - THEODORE ROOSEVELT
NY - CHARLES W. FAIRBANKS
  (Col 1 Pos 8 Party 4 Counter 11)
WRITE-IN
  (Col 1 Pos 9 Counter 12)
OVER
UNDER

U. S. SENATOR
  (Split cd Left-*****| Right-*****|)
UA - EVERETT DIRNSEN
  (Col 1 Pos 10 Party 1 Counter 15)
OH - CHARLES CURTIS
  (Col 1 Pos 11 Party 2 Counter 16)
OR - JOHN HANCOCK
  (Col 1 Pos 12 Party 3 Counter 17)
NY - NELSON W. ALDRICH
  (Col 1 Pos 13 Party 4 Counter 18)
WRITE-IN
  (Col 1 Pos 14 Counter 19)
OVER
UNDER

U. S. REPRESENTATIVE
  (Split cd Left-*****| Right-*****|)
UA - WILLIAM B. WILSON
  (Col 1 Pos 15 Party 1 Counter 22)
OH - ROBERT LAPOLLETTE
  (Col 1 Pos 16 Party 2 Counter 23)
OR - U. C. REDFIELD
  (Col 1 Pos 17 Party 3 Counter 24)
NY - JAMES WADSWORTH
  (Col 1 Pos 18 Party 4 Counter 25)
WRITE-IN
  (Col 1 Pos 19 Counter 26)
OVER
UNDER

STATE SENATOR
  (Split cd Left-*****| Right-*****|)
UA - FLORENCE NIGHTINGALE
  (Col 2 Pos 1 Party 1 Counter 29)
OH - ANDREW CARNEGIE
  (Col 2 Pos 2 Party 2 Counter 30)
OR - FRANCIS SCOTT KEY
  (Col 2 Pos 3 Party 3 Counter 31)
NY - WILLIAM A. HEARST
  (Col 2 Pos 4 Party 4 Counter 32)
WRITE-IN
  (Col 2 Pos 5 Counter 33)
OVER
UNDER

MEMBER OF STATE
LEGISLATURE - 3RD DIST
  (Split cd Left-*****| Right-*****|)
UA - SUSAN B. ANTHONY
  (Col 2 Pos 6 Party 1 Counter 36)
OH - MAMIE EISENHOWER
  (Col 2 Pos 7 Party 2 Counter 37)
OR - ELEANOR ROOSEVELT
  (Col 2 Pos 8 Party 3 Counter 38)
NY - DOLLY MADISON
  (Col 2 Pos 9 Party 4 Counter 39)
WRITE-IN
  (Col 2 Pos 10 Counter 40)
OVER
UNDER

STATE TREASURER
  (Split cd Left-*****| Right-*****|)
UA - CORNELIUS VANDERBILT
  (Col 2 Pos 11 Party 1 Counter 43)
OH - J. PAUL GETTY
  (Col 2 Pos 12 Party 2 Counter 44)
OR - JOHN D. ROCKEFELLER
  (Col 2 Pos 13 Party 3 Counter 45)
NY - JOHN P. MORGAN
  (Col 2 Pos 14 Party 4 Counter 46)
WRITE-IN
  (Col 2 Pos 15 Counter 47)
OVER
UNDER

ASSOCIATE JUSTICE OF
SUPREME COURT
  (Split cd Left-*****| Right-*****|)
UA - LEARNED HAND
  (Col 2 Pos 16 Party 1 Counter 50)
OH - CLARENCE DARROW
  (Col 2 Pos 17 Party 2 Counter 51)
OR - JOHN MARSHALL
  (Col 2 Pos 18 Party 3 Counter 52)
NY - JOHN JAY
  (Col 2 Pos 19 Party 4 Counter 53)
WRITE-IN
  (Col 2 Pos 20 Counter 54)
OVER
UNDER

BOARD OF EDUCATION
  (Split cd Left-*****| Right-*****|)
BOOKER T. WASHINGTON
  (Col 3 Pos 1 Counter 57)
ALBERT EINSTEIN
  (Col 3 Pos 2 Counter 58)
THOMAS A. EDISON
  (Col 3 Pos 3 Counter 59)
HELEN KELLER
  (Col 3 Pos 4 Counter 60)
JOHN DEWEY
  (Col 3 Pos 5 Counter 61)
WRITE-IN
  (Col 3 Pos 6 Counter 62)
OVER

```

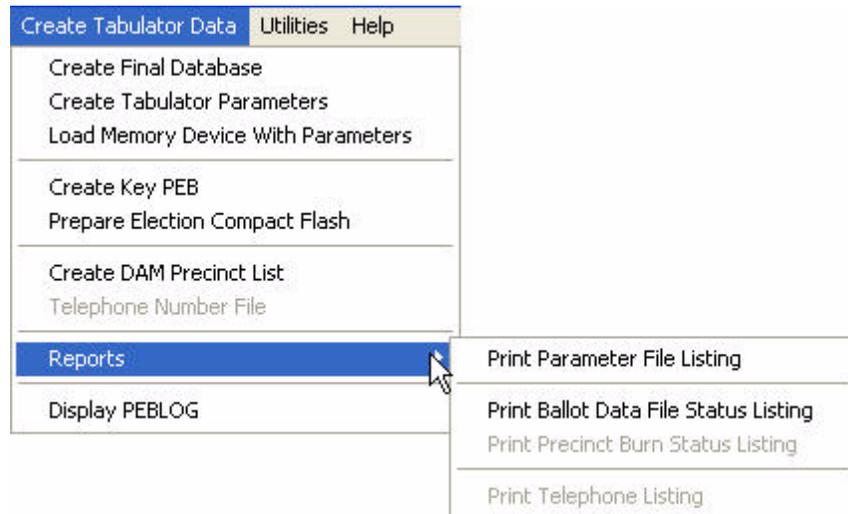
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

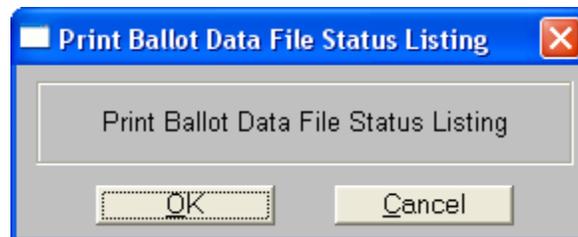
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Print Ballot Data File Status Listing

This report applies to iVotronic terminals only and provides information pertaining to the PXT file, BIN file, and compact flash file.



1. From the Create Tabulator Data menu, point to **Reports**, and select **Print Ballot Data File Status File Listing**. The following window appears.



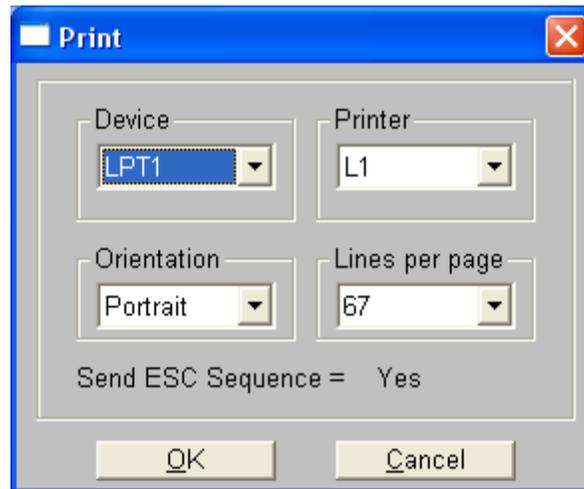
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

2. Click **OK**. The Print window appears.



3. From the **Device** list, select where the report will print.
 - Select **Disk** to print the report to the hard disk drive.
 - Select **LPT1**, **LPT2** or **LPT3** to print the report to the printer hooked up to a parallel port.
 - Select **COM1**, **COM2** to print the report to the printer hooked up on a serial port.
4. From the **Printer** list, select **L1**, **L2**, or **L3** for the correct laser printer or select **P1**, **P2**, or **P3** for the correct line printer.
 If you select **L1**, **L2**, or **L3**, continue with steps 5 and 6. If you select **P1**, **P2**, or **P3**, skip to step 8.

Laser Printer

5. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select an option from the **Orientation** list.
 - Select **Portrait** to print in 8.5" x 11" mode
 - Select **Landscape** to print in 11" x 8.5" mode.
6. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select the number of lines to print per page from the **Lines per page** list
 - Select **59**, **67**, **79**, **96**, or **118** if you selected **Portrait** from the **Orientation** list.

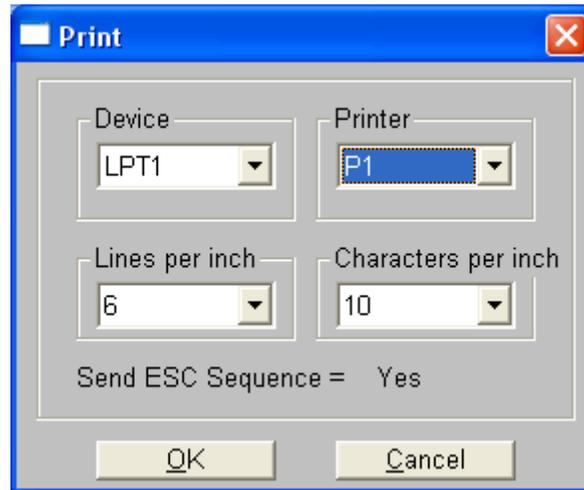
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

- Select **44, 50, 59, 70** or **89** if you selected **Landscape** from the **Orientation** list.
7. Skip to step 10.

Line Printer



8. From the **Lines per inch** list, choose to print **6** or **8** lines per inch.
9. From the **Characters per inch** list, select to print **10** or **16** characters per inch.
10. Click **OK**. If the **Device** is set to **Disk**, the Print Ballot Data File Status Listing window appears. Otherwise, the report will print directly to the printer you chose.



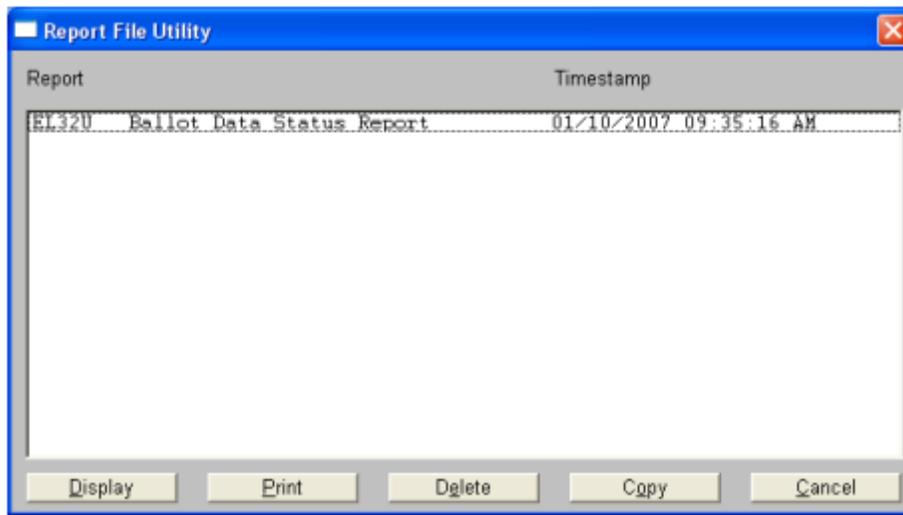
11. Click **OK**. The Report File Utility window appears.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



12. Select from the following options.

Buttons Available on the Report File Utility Window

Use this button...	To perform this action...
Display	Display the selected report on your screen for immediate viewing
Print	Print the selected report to the device you specify
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify
Cancel	Return you to the main menu

If you select **Display**, the [EL32U, Ballot Data File Status Report](#) window will appear.



Refer to the [EL32U, Ballot Data File Status Report](#) heading in this chapter for a sample of the EL32U, Ballot Data File Status Report.

When you display a report, a menu bar is available at the top left of the report screen.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

File Edit View Search

- ❖ Click **Edit** to change the font size.
- ❖ Click **View** to move around within the report.

View Menu Options

To perform this action...	Select this option...	Or, press...
Move to a specific page of the report	Go to page	Ctrl + G
Move forward one page	Next page	Ctrl + N
Move back one page	Previous page	Ctrl + P
Move to the first page of the report	First page	Ctrl + F
Move to the last page of the report	Last page	Ctrl + L

- ❖ Click **Search** and select **Find** to find a particular name or string of text, and then enter the text string. Press F3 or select **Find Next** to find the next instance of that string. The program will then find the text and highlight it.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

EL32U, Ballot Data File Status Report

```

EL32U Page 1 of 1
File Edit View Search

MODEL 100 DEMO ELECTION
HARDWARE PROGRAMMING MANAGER
BALLOT DATA FILE STATUS REPORT

ELECTION ID: M100DEMO
REPORT-EL32U PAGE 1

RUN DATE:06-02-05 9:39 AM

PXT FILE INFORMATION
\ELECDATA\M100DEMO\
BIN FILE INFORMATION
\ELECDATA\M100DEMO\
COMPACT FLASH FILE INFORMATION
\ELECDATA\M100DEMO\FLASH\CPF\

BAL00001.EPT 05/19/2005 11:17A BAL00001.EBN 05/19/2005 11:17A
BAL00002.EPT 05/19/2005 11:17A BAL00002.EBN 05/19/2005 11:17A
BAL00003.EPT 05/19/2005 11:17A BAL00003.EBN 05/19/2005 11:17A
BAL00004.EPT 05/19/2005 11:17A BAL00004.EBN 05/19/2005 11:17A
BAL00005.EPT 05/19/2005 11:17A BAL00005.EBN 05/19/2005 11:17A
BAL00006.EPT 05/19/2005 11:17A BAL00006.EBN 05/19/2005 11:17A
BAL00007.EPT 05/19/2005 11:17A BAL00007.EBN 05/19/2005 11:17A
BAL00008.EPT 05/19/2005 11:17A BAL00008.EBN 05/19/2005 11:17A
BAL00009.EPT 05/19/2005 11:17A BAL00009.EBN 05/19/2005 11:17A
BAL00010.EPT 05/19/2005 11:17A BAL00010.EBN 05/19/2005 11:17A
TBL00007.EBN 05/19/2005 11:17A

```

NOTICE OF UNCERTIFIED FUNCTIONALITY

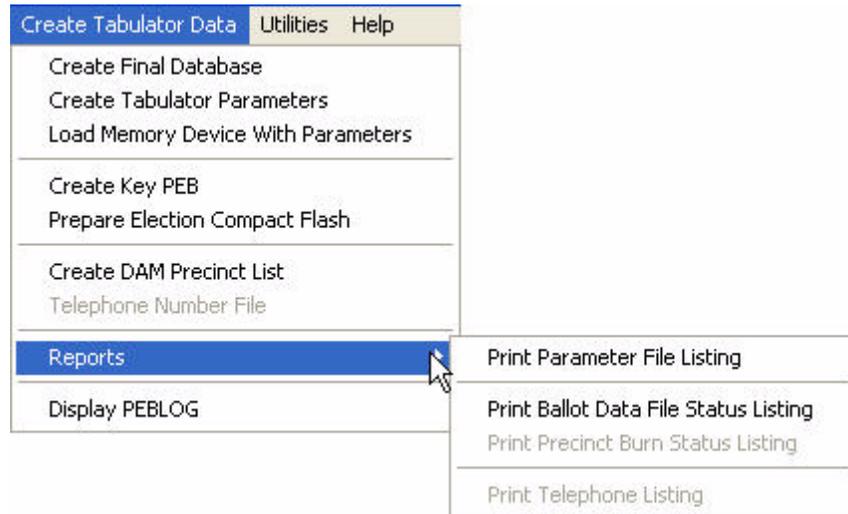
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

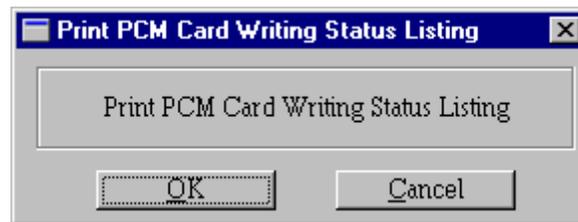
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Print Precinct Burn Status Listing

After you create the memory devices, print a list and proof it carefully. This list shows each precinct number and name, status of the device parameters, and the date updated.



1. From the Create Tabulator Data menu, point to **Reports**, and select **Print Precinct Burn Status Listing**. The Print PCM Card Writing Status Listing window appears.



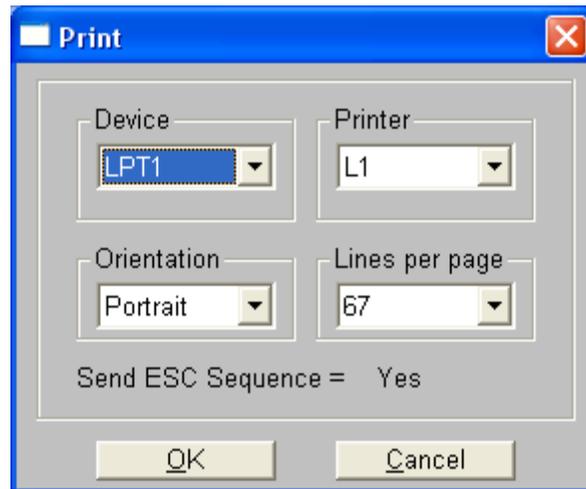
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

2. Click **OK**. The Print window appears.



3. From the **Device** list, select where the report will print.
 - Select **Disk** to print the report to the hard disk drive.
 - Select **LPT1**, **LPT2** or **LPT3** to print the report to the printer hooked up to a parallel port.
 - Select **COM1**, **COM2** to print the report to the printer hooked up on a serial port.
4. From the **Printer** list, select **L1**, **L2**, or **L3** for the correct laser printer or select **P1**, **P2**, or **P3** for the correct line printer.
 If you select **L1**, **L2**, or **L3**, continue with steps 5 and 6. If you select **P1**, **P2**, or **P3**, skip to step 8.

Laser Printer

5. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select an option from the **Orientation** list.
 - Select **Portrait** to print in 8.5" x 11" mode
 - Select **Landscape** to print in 11" x 8.5" mode.
6. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select the number of lines to print per page from the **Lines per page** list
 - Select **59**, **67**, **79**, **96**, or **118** if you selected **Portrait** from the **Orientation** list.

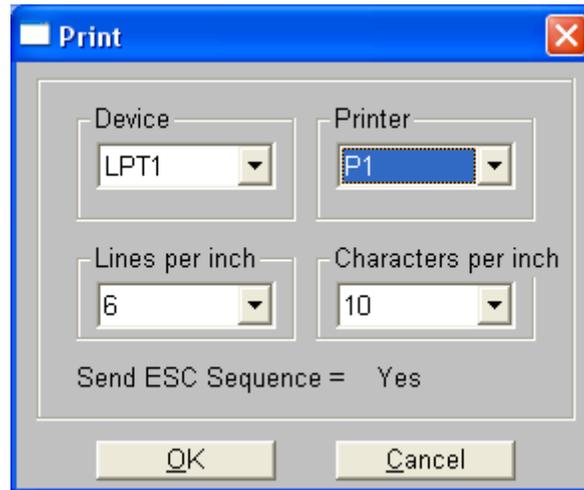
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

- Select **44, 50, 59, 70** or **89** if you selected **Landscape** from the **Orientation** list.
7. Skip to step 10.

Line Printer



8. From the **Lines per inch** list, choose to print **6** or **8** lines per inch.
9. From the **Characters per inch** list, select to print **10** or **16** characters per inch.
10. Click **OK**. If the **Device** is set to **Disk**, the Print Ballot Data File Status Listing window appears. Otherwise, the report will print directly to the printer you chose.



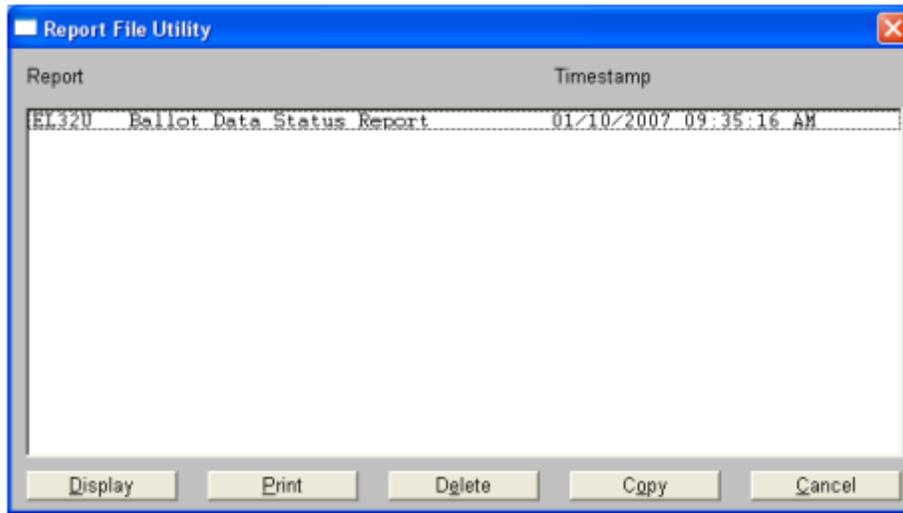
11. Click **OK**. The Report File Utility window appears.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



12. Select from the following options.

Buttons Available on the Report File Utility Window

Use this button...	To perform this action...
Display	Display the selected report on your screen for immediate viewing
Print	Print the selected report to the device you specify
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify
Cancel	Return you to the main menu

If you select **Display**, the [EL41, Prom Status Listing](#) window will appear. The option you chose in step 2 determines the version of the report that will be created.



Refer to the [EL41, Prom Status Listing](#) headings in this chapter for a sample of the EL41, Prom Status Listing.

When you display a report, a menu bar is available at the top left of the report screen.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

File Edit View Search

- ❖ Click **Edit** to change the font size.
- ❖ Click **View** to move around within the report.

View Menu Options

To perform this action...	Select this option...	Or, press...
Move to a specific page of the report	Go to page	Ctrl + G
Move forward one page	Next page	Ctrl + N
Move back one page	Previous page	Ctrl + P
Move to the first page of the report	First page	Ctrl + F
Move to the last page of the report	Last page	Ctrl + L

- ❖ Click **Search** and select **Find** to find a particular name or string of text, and then enter the text string. Press F3 or select **Find Next** to find the next instance of that string. The program will then find the text and highlight it.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

EL41, Prom Status Listing

EL41 Page 1 of 1		Phase 1 Tallahassee 06/26/01		ELECTION ID: CERTPRIM	
File Edit View Search		HARDWARE PROGRAMMING MANAGER		REPORT - EL41 PAGE 1	
RUN DATE: 02-12-03 9:41 AM		PROM STATUS LISTING			
POLL		STATUS		AS OF DATE	
0001	PRECINCT 1				
0002	PRECINCT 2				
0003	PRECINCT 3				
0004	PRECINCTS: 10,11				
0005	PRECINCT 24	B (FROM BURNT)		07/19	
0006	PRECINCT 01	B (FROM BURNT)		07/19	
0007	PRECINCT 03	B (FROM BURNT)		07/19	
0008	PRECINCT 09				
0009	PRECINCT 40	B (FROM BURNT)		07/19	
0010	PRECINCT 45				
0011	PRECINCT 53				
0012	PRECINCT 54				

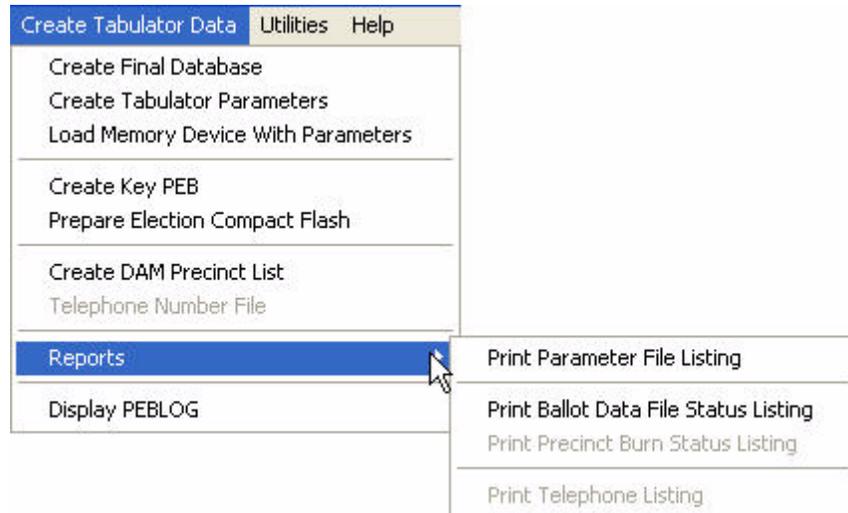
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

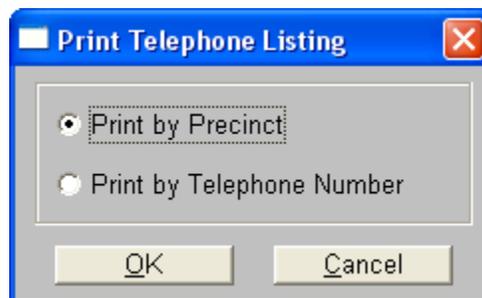
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Print Telephone Listing

This option prints a list of the telephone numbers for your modems.



1. From the Create Tabulator Data menu, point to **Reports**, and select **Print Telephone Listing**. The Print Telephone Listing window appears.



2. Select whether you want to print the list in precinct order or in telephone number order. Click **OK**. The following window appears.



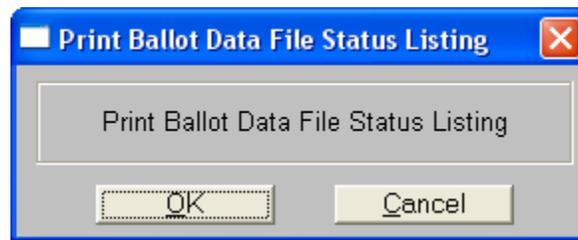
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

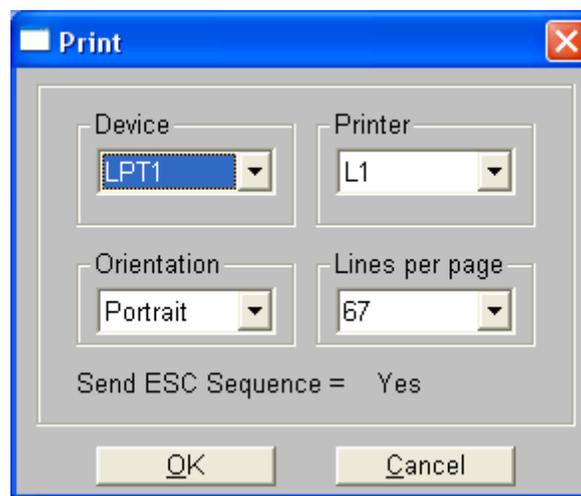
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

3. Select the **Include Poll Name** check box if you want the poll name(s) to print on the report.



4. Click **OK**. The Print window appears.



5. From the **Device** list, select where the report will print.
 - Select **Disk** to print the report to the hard disk drive.
 - Select **LPT1**, **LPT2** or **LPT3** to print the report to the printer hooked up to a parallel port.
 - Select **COM1**, **COM2** to print the report to the printer hooked up on a serial port.
6. From the **Printer** list, select **L1**, **L2**, or **L3** for the correct laser printer or select **P1**, **P2**, or **P3** for the correct line printer.

If you select **L1**, **L2**, or **L3**, continue with steps 7 and 8. If you select **P1**, **P2**, or **P3**, skip to step 10.

NOTICE OF UNCERTIFIED FUNCTIONALITY

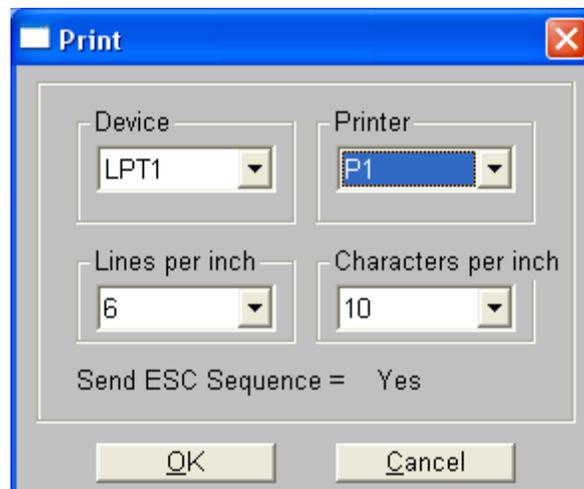
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

Laser Printer

7. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select an option from the **Orientation** list.
 - Select **Portrait** to print in 8.5" x 11" mode
 - Select **Landscape** to print in 11" x 8.5" mode.
8. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select the number of lines to print per page from the **Lines per page** list
 - Select **59**, **67**, **79**, **96**, or **118** if you selected **Portrait** from the **Orientation** list.
 - Select **44**, **50**, **59**, **70** or **89** if you selected **Landscape** from the **Orientation** list.
9. Skip to step 12.

Line Printer



10. From the **Lines per inch** list, choose to print **6** or **8** lines per inch.
11. From the **Characters per inch** list, select to print **10** or **16** characters per inch.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

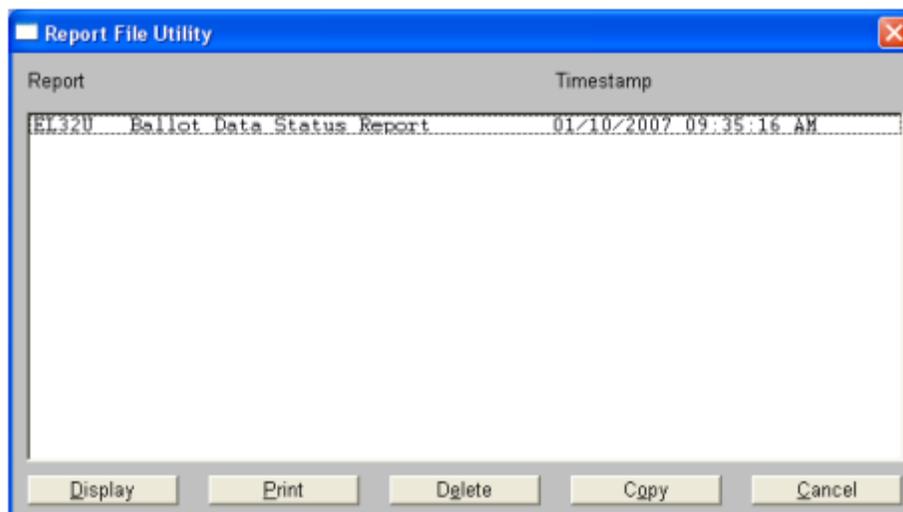
- Automated Bar Code Reader (ABCR) •iVotronic DRE •Model 100 •Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) •All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

12. Click **OK**. If the **Device** is set to **Disk**, the Print Ballot Data File Status Listing window appears. Otherwise, the report will print directly to the printer you chose.



13. Click **OK**. The Report File Utility window appears.



14. Select from the following options.

Buttons Available on the Report File Utility Window

Use this button...	To perform this action...
Display	Display the selected report on your screen for immediate viewing
Print	Print the selected report to the device you specify

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Buttons Available on the Report File Utility Window *(continued)*

Use this button...	To perform this action...
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify
Cancel	Return you to the main menu

If you select **Display**, the [EL122B, PBC Telephone No. Listing](#) window will appear.



Refer to the [EL122B, PBC Telephone No. Listing](#) heading in this chapter for a sample of the EL122B, PBC Telephone No. Listing.

When you display a report, a menu bar is available at the top left of the report screen.

File Edit View Search

- ❖ Click **Edit** to change the font size.
- ❖ Click **View** to move around within the report.

View Menu Options

To perform this action...	Select this option...	Or, press...
Move to a specific page of the report	Go to page	Ctrl + G
Move forward one page	Next page	Ctrl + N
Move back one page	Previous page	Ctrl + P
Move to the first page of the report	First page	Ctrl + F
Move to the last page of the report	Last page	Ctrl + L

- ❖ Click **Search** and select **Find** to find a particular name or string of text, and then enter the text string. Press F3 or select **Find Next** to find the next instance of that string. The program will then find the text and highlight it.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

EL122B, PBC Telephone No. Listing

POLL		TELEPHONE NO.	POLL		TELEPHONE NO.
1	PRECINCT 101	815-555-1212	2	PRECINCT 201	815-555-1212
	PRECINCT 301	815-555-1212	4	PRECINCT 401	815-555-1212
	PRECINCT 501	815-555-1212	6	PRECINCT 502	815-555-1212
	PRECINCT 503	815-555-1212		PRECINCT 601	815-555-1212
	PRECINCT 701	815-555-1212		PRECINCT 801	815-555-1212
	PRECINCT 901	815-555-1212	1	PRECINCT 1001	815-555-1212
	PRECINCT 1101	815-555-1212	1	PRECINCT 1201	815-555-1212
	PRECINCT 1301	815-555-1212	1	PRECINCT 1401	815-555-1212
	PRECINCT 1501	815-555-1212	1	PRECINCT 1601	815-555-1212
	PRECINCT 1701	815-555-1212	1	PRECINCT 1702	815-555-1212
	PRECINCT 1801	815-555-1212	2	PRECINCT 1901	815-555-1212
	PRECINCT 2001	815-555-1212	2	PRECINCT 2101	815-555-1212
	PRECINCT 2102	815-555-1212	2	PRECINCT 2201	815-555-1212
	PRECINCT 2202	815-555-1212	2	PRECINCT 2203	815-555-1212
	PRECINCT 2301	815-555-1212			
+1	DEFAULT	815-555-1212	+1	DEFAULT	815-555-1212
+2	DEFAULT		+2	DEFAULT	
+4	DEFAULT		+4	DEFAULT	
+6	DEFAULT		+6	DEFAULT	
+8	DEFAULT		+8	DEFAULT	

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

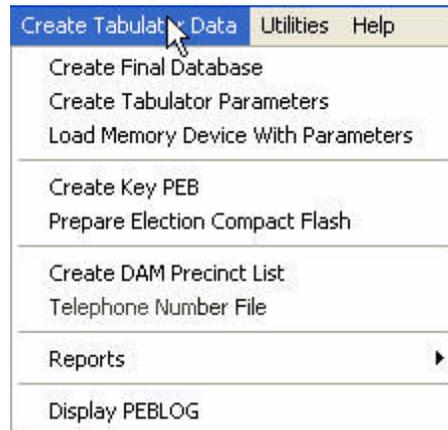
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 29: Display PEBLOG

Use the Display PEBLOG option on the Create Tabulator Data menu to create the display the PEBLOG.csv file. The PEBLOG displays information about the PEBs used in HPM.



NOTE: Microsoft Excel is required to use this option.



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

PEBLOG.csv

	A	B	C	D	E	F	G	H	I	J	K
1	Date	Time	PEB SN	PEB Firmware	EOC	PEB Type	Ballot Type	Election Name	Location ID	Location Name	Precinct Number
2	5/22/2007	10:35:16	PS0160409-	1.07	7D383569	Election	Bitmap - Normal	Cabell; WW; 2002 GENERAL - Unity 4.0	1	01 CENTRAL CITY	1
3											
4	Precinct Name	Vote Collection Type	Terminals On PEB	Terminal SN	Terminal Open Time	Terminal Close Time	Terminal Public Count	Battery Level	Operation	Result	Failure Reason
5	01 CENTRAL CITY ELEM.	Precinct	0					3.42V	Qualify & Burn Ballot PEB	OK	



NOTE: The above screen shot is for illustrative purposes. The lines in bold are heading rows and are on line one on the PEBLOG.csv.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Part 7: Utilities Menu

Part 7 contains information about the following topics.

- ❖ Chapter 30: Print System Log Listing
- ❖ Chapter 31: Import VR Data
- ❖ Chapter 32: Backup Election Files
- ❖ Chapter 33: Change Control File
- ❖ Chapter 34: Report File Utility

NOTICE OF UNCERTIFIED FUNCTIONALITY

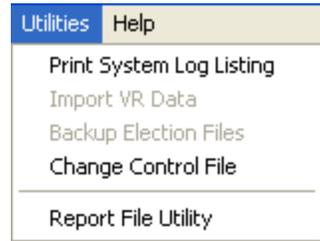
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

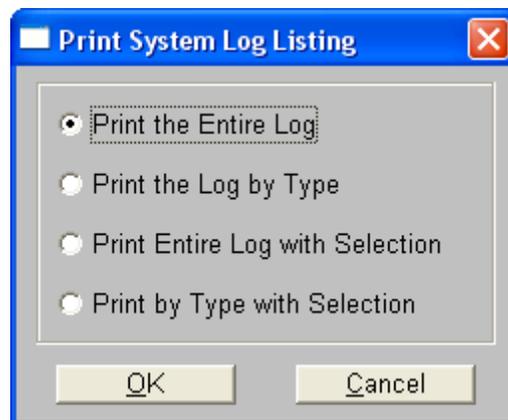
HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 30: Print System Log Listing

The System Log Listing is a record of every action that has taken place in the program. You can print the entire list or you can select the type(s) of activity you want to view.



1. From the Utilities menu, select **Print System Log Listing**. The Print system Log Listing window appears.

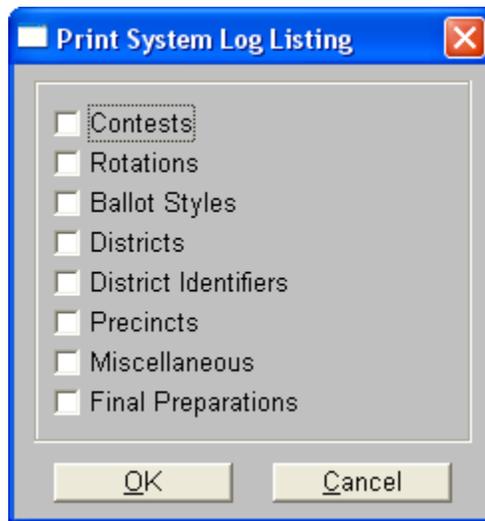


2. Select what you want to print.
 - Select **Print the Entire Log** to list the entire log by date and time.
 - Select **Print the Log by Type** to list the entire log by date and then by type of activity on each date.
 - Select **Print Entire Log with Selection** to list, by date, the selected activity type(s).
 - Select **Print by Type with Selection** to list the selected types of activity by type, and then by date.
3. Click **OK**. If you selected **Print Entire Log with Selection** or **Print by Type with Selection**, the following window will appear.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

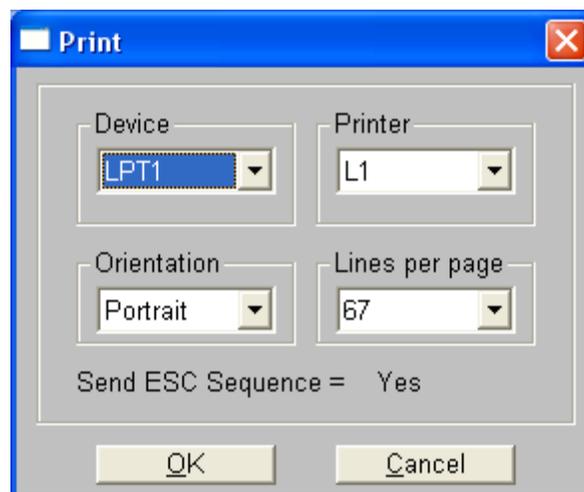


4. Click to select the options that you want to appear on your report.



NOTE: If you select Print Entire Log or Print the Log by Type, the option window will not appear. The Print window will automatically appear.

5. Click **OK**. The Print window appears.



6. From the **Device** list, select where the report will print.
 - Select **Disk** to print the report to the hard disk drive.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

- Select **LPT1**, **LPT2** or **LPT3** to print the report to the printer hooked up to a parallel port.
 - Select **COM1**, **COM2** to print the report to the printer hooked up on a serial port.
7. From the **Printer** list, select **L1**, **L2**, or **L3** for the correct laser printer or select **P1**, **P2**, or **P3** for the correct line printer.
- If you select **L1**, **L2**, or **L3**, continue with steps 8 and 9. If you select **P1**, **P2**, or **P3**, skip to step 11.

Laser Printer

8. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select an option from the **Orientation** list.
- Select **Portrait** to print in 8.5" x 11" mode
 - Select **Landscape** to print in 11" x 8.5" mode.
9. If you selected **L1**, **L2**, or **L3** from the **Printer** list, select the number of lines to print per page from the **Lines per page** list
- Select **59**, **67**, **79**, **96**, or **118** if you selected **Portrait** from the **Orientation** list.
 - Select **44**, **50**, **59**, **70** or **89** if you selected **Landscape** from the **Orientation** list.
10. Skip to step 13.

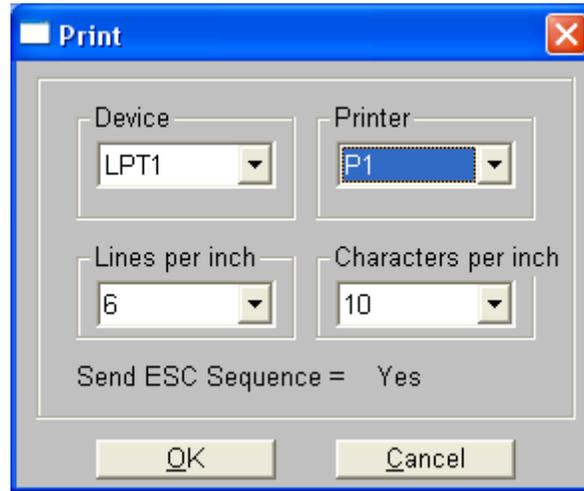
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Line Printer



11. From the **Lines per inch** list, choose to print **6** or **8** lines per inch.
12. From the **Characters per inch** list, select to print **10** or **16** characters per inch.
13. Click **OK**. If the **Device** is set to **Disk**, the Print Ballot Data File Status Listing window appears. Otherwise, the report will print directly to the printer you chose.



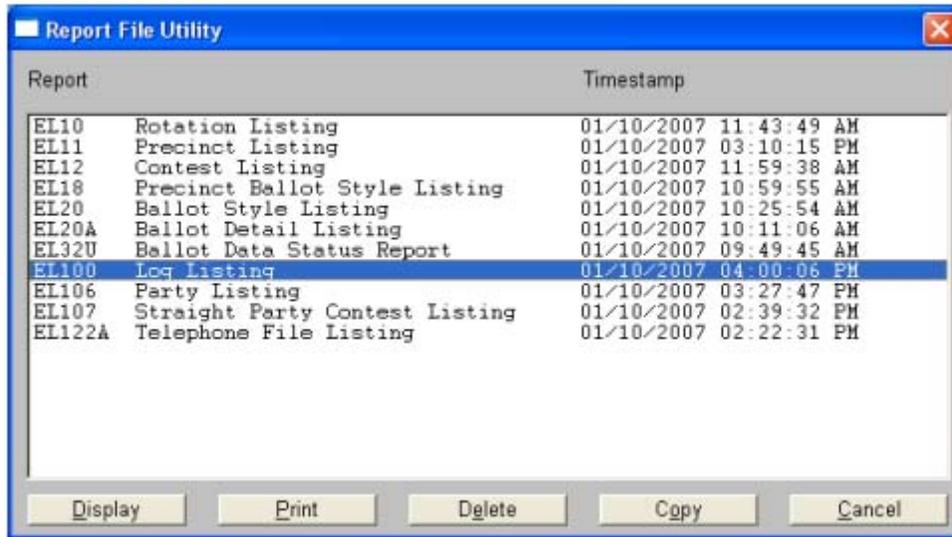
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

14. Click **OK**. The Report File Utility window appears.



15. Select from the following options.

Buttons Available on the Report File Utility Window

Use this button...	To perform this action...
Display	Display the selected report on your screen for immediate viewing
Print	Print the selected report to the device you specify
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify
Cancel	Return you to the main menu

If you select **Display**, the EL100, HPM Log Listing window will appear. The option you chose in step 2 determines the version of the report that will be created.



Refer to the [EL100, HPM Log Listing - Entire Log](#), [EL100, HPM Log Listing - Entire Log by Type](#), [EL100, HPM Log Listing - Selected Type](#), and [EL100, HPM Log Listing - Selected Types by Type](#) headings in this chapter for samples of the EL100, HPM Log Listing reports.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

When you display a report, a menu bar is available at the top left of the report screen.

File Edit View Search

- ❖ Click **Edit** to change the font size.
- ❖ Click **View** to move around within the report.

View Menu Options

To perform this action...	Select this option...	Or, press...
Move to a specific page of the report	Go to page	Ctrl + G
Move forward one page	Next page	Ctrl + N
Move back one page	Previous page	Ctrl + P
Move to the first page of the report	First page	Ctrl + F
Move to the last page of the report	Last page	Ctrl + L

- ❖ Click **Search** and select **Find** to find a particular name or string of text, and then enter the text string. Press F3 or select **Find Next** to find the next instance of that string. The program will then find the text and highlight it.

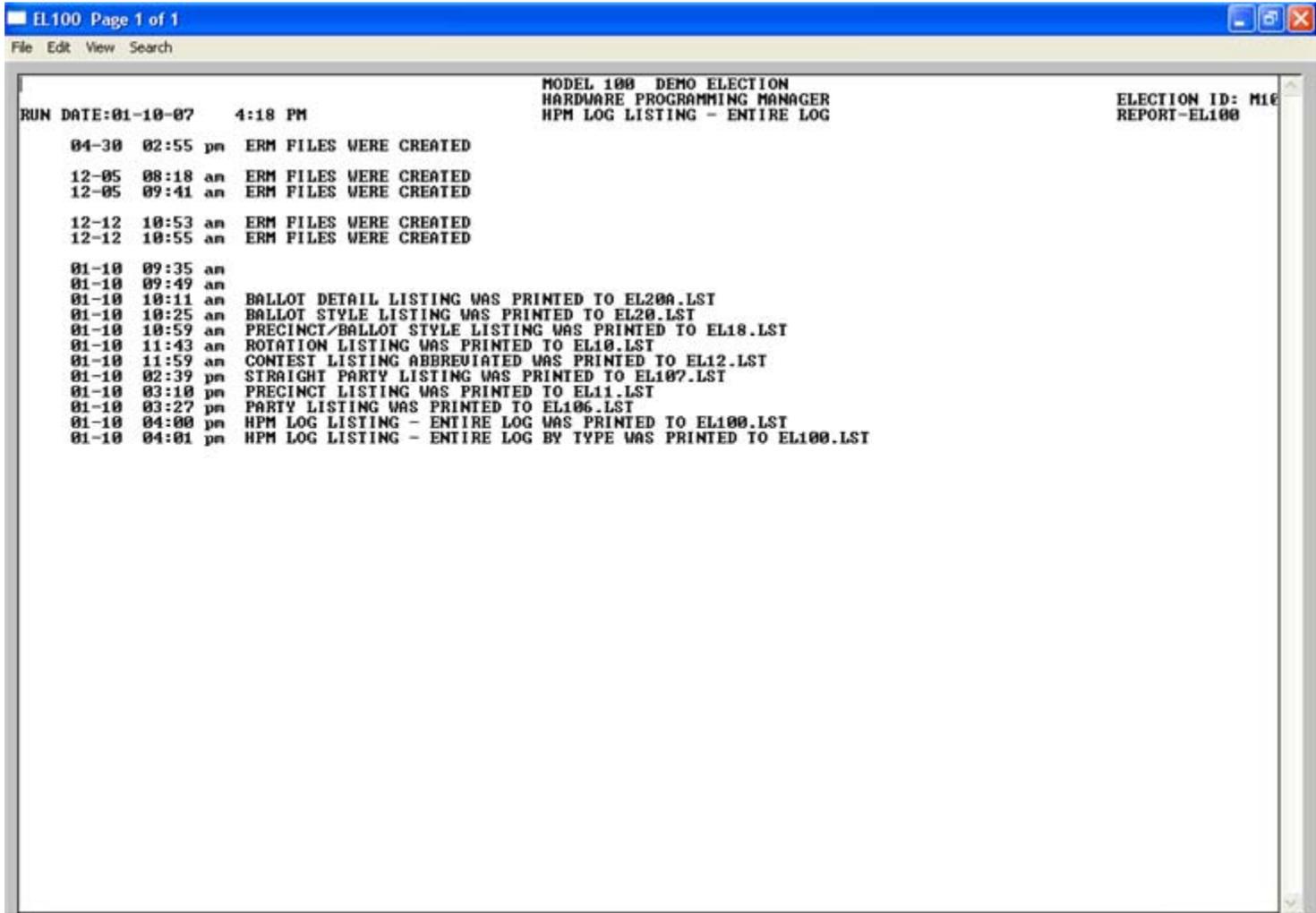
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

EL100, HPM Log Listing - Entire Log



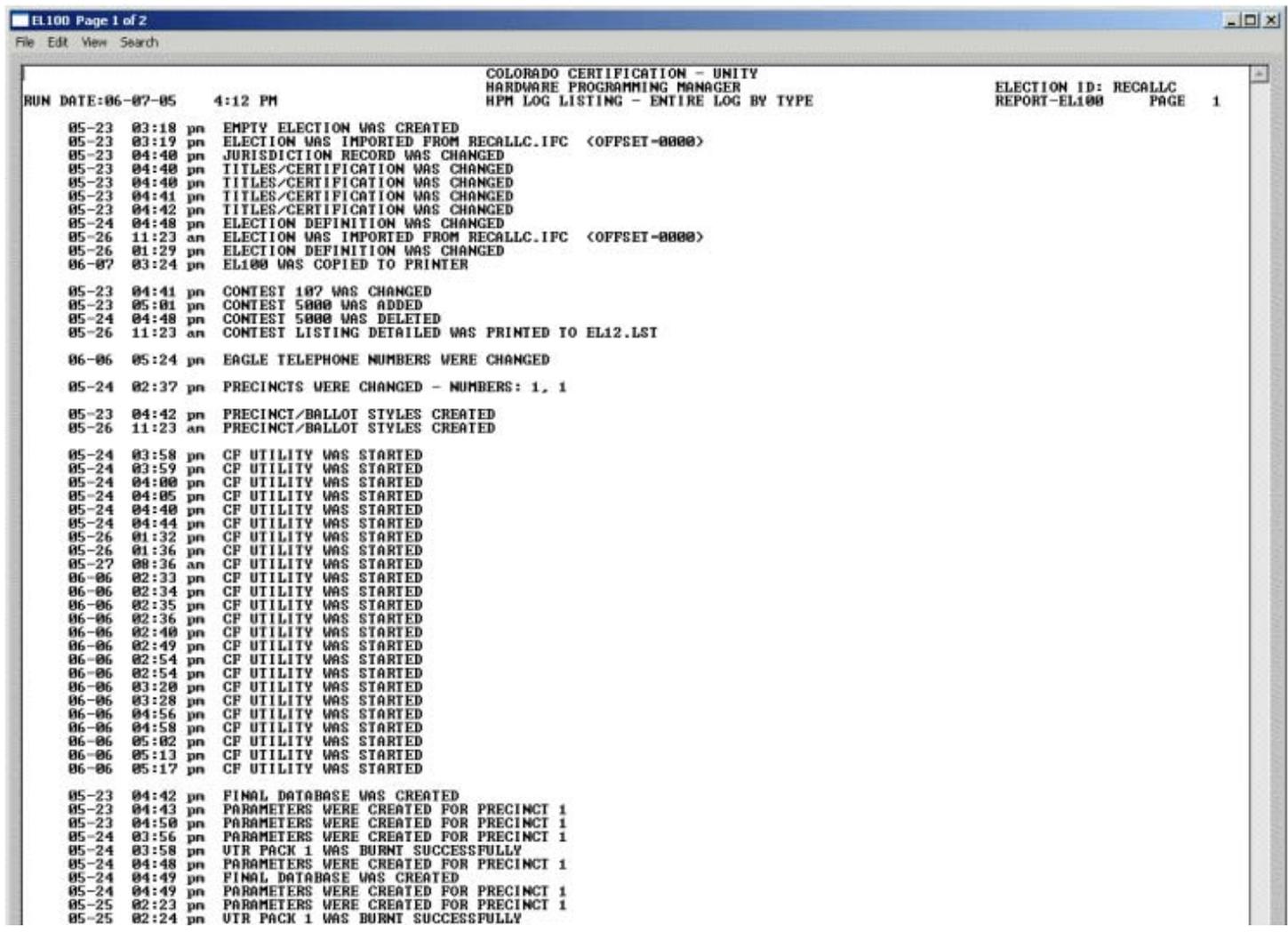
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABC)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

EL100, HPM Log Listing - Entire Log by Type

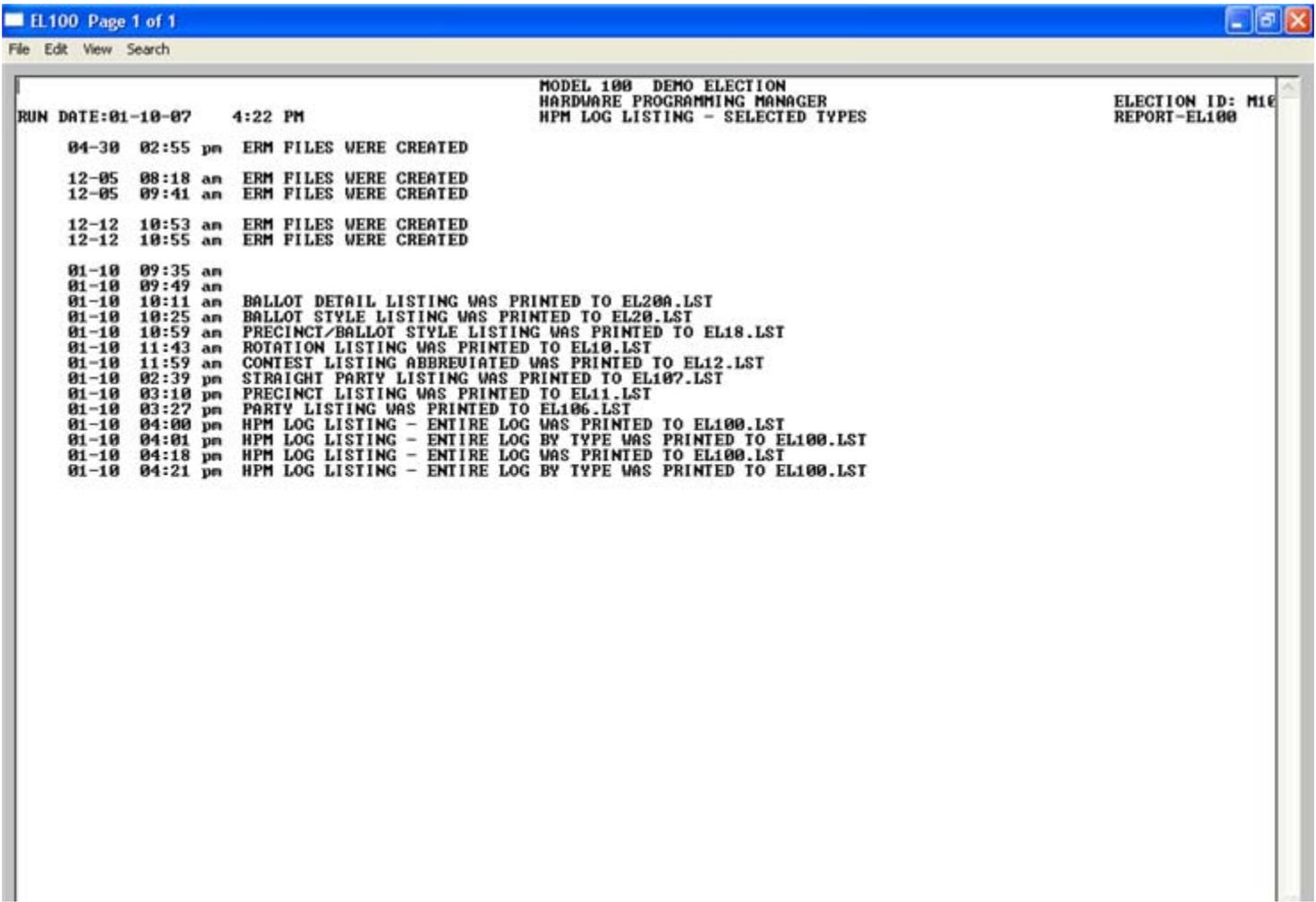


NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

EL100, HPM Log Listing - Selected Type



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABC)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

EL100, HPM Log Listing - Selected Types by Type

```

EL100 Page 1 of 1
File Edit View Search

MODEL 100 DEMO ELECTION
HARDWARE PROGRAMMING MANAGER
HPM LOG LISTING - SELECTED TYPES BY TYPE
ELECTION ID: M10
REPORT-EL100

RUN DATE:01-10-07 4:25 PM

01-10 03:27 pm PARTY LISTING WAS PRINTED TO EL106.LST
01-10 04:00 pm HPM LOG LISTING - ENTIRE LOG WAS PRINTED TO EL100.LST
01-10 04:01 pm HPM LOG LISTING - ENTIRE LOG BY TYPE WAS PRINTED TO EL100.LST
01-10 04:18 pm HPM LOG LISTING - ENTIRE LOG WAS PRINTED TO EL100.LST
01-10 04:21 pm HPM LOG LISTING - ENTIRE LOG BY TYPE WAS PRINTED TO EL100.LST
01-10 04:23 pm HPM LOG LISTING - SELECTED TYPES WAS PRINTED TO EL100.LST

01-10 11:59 am CONTEST LISTING ABBREVIATED WAS PRINTED TO EL12.LST
01-10 02:39 pm STRAIGHT PARTY LISTING WAS PRINTED TO EL107.LST

01-10 03:10 pm PRECINCT LISTING WAS PRINTED TO EL11.LST

01-10 10:11 am BALLOT DETAIL LISTING WAS PRINTED TO EL200.LST
01-10 10:25 am BALLOT STYLE LISTING WAS PRINTED TO EL20.LST
01-10 10:59 am PRECINCT/BALLOT STYLE LISTING WAS PRINTED TO EL18.LST

01-10 09:35 am
01-10 09:49 am
01-10 11:43 am ROTATION LISTING WAS PRINTED TO EL10.LST

04-30 02:55 pm ERM FILES WERE CREATED
12-05 08:18 am ERM FILES WERE CREATED
12-05 09:41 am ERM FILES WERE CREATED
12-12 10:53 am ERM FILES WERE CREATED
12-12 10:55 am ERM FILES WERE CREATED

```

NOTICE OF UNCERTIFIED FUNCTIONALITY

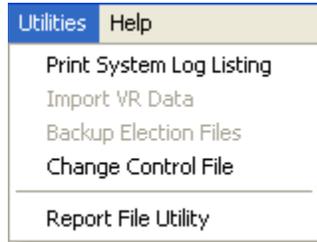
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABC)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 31: Import VR Data

This option is not available.



NOTICE OF UNCERTIFIED FUNCTIONALITY

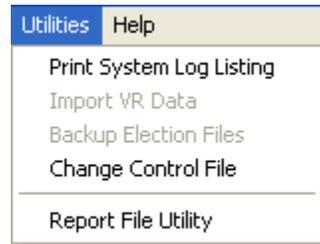
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 32: Backup Election Files

This option is not available.



NOTICE OF UNCERTIFIED FUNCTIONALITY

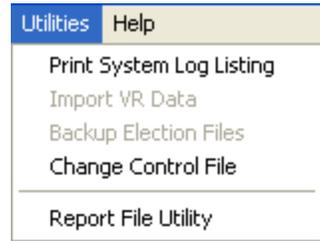
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 33: Change Control File

The HPM Control File Maintenance provides information that will be used to define general characteristics of your system. Usually this screen is set up upon installation of the program and will remain the same for the life of the system.



1. From the Utilities menu, select **Change Control File**. The following window appears.



2. Select from the following options.
 - Select the **Reset File Flags** check box to reset the final database parameter create after you make changes in HPM that do not require a final database create. This option is seldom used.
 - Select the **Using Modems** check box if you are using modems to transmit election results. If this option is selected, the Telephone Number File option will be available on the Create Tabulator Data menu so that you can enter the modem telephone numbers.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



NOTE: This option is not available if you use iVotronic or iVotronicLS equipment.

- Select the **Using DAM** check box if you are using Data Acquisition Manager.
 - The **Allow Condensed Eagle Tape Candidate Name Entry** check box is no longer available.
3. Select your two-position state code from the list box. The state abbreviation in the HPM System Control File controls the menu options that are available and the program modules that are executed when special modules exist for a given state.
 4. In the **Using Network** list box, select the letter of the network drive your data resides on or select **(none)** if your data resides on the local drive.
 5. Click **OK**.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

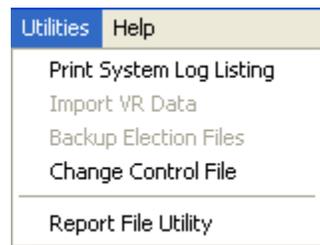
- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

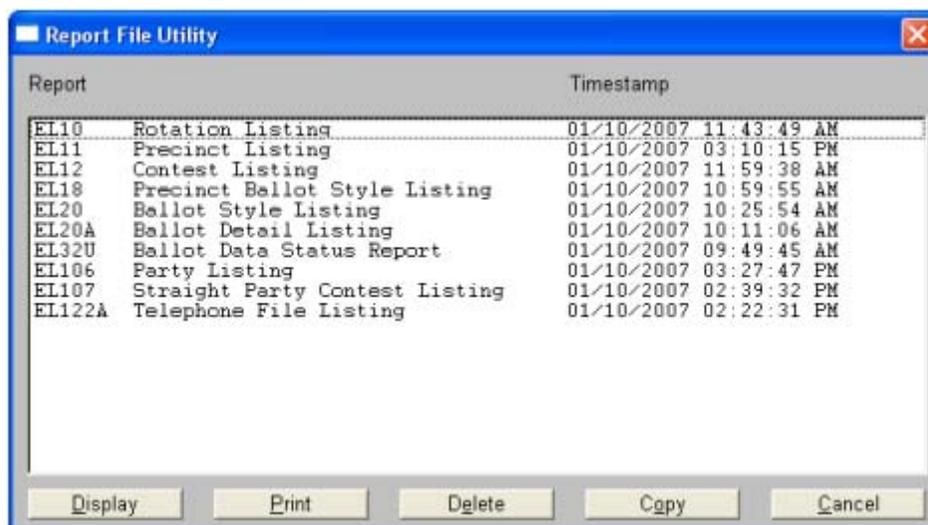
Chapter 34: Report File Utility

You can use HPM to print a variety of reports. This chapter describes the use of the Report File Utility, the printing controls, and the report types.

HPM prints all reports to a connected printer or to a file for printing later. If you select DISK as the device in the Print window of the report you are printing, the system places the report into a file on your PC. After calculations are complete, HPM gives you the name of the report just printed (for example, EL12.LST). The report will be in the **\ELEC DATA \<election name>** directory. All reports are numerical preceded by EL with the extension .LST. Whenever you print a report to disk, the **Report File Utility** window will appear, giving you the ability to view the report immediately without having to go to the **Utilities** menu first.



1. From the Utilities menu, click **Report File Utility** to open the Report File Utility window. All reports that you have printed to your hard disk drive will appear in this window.



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

2. Highlight the report with which you want to work.

Buttons Available on the Report File Utility Window

Use this button...	To perform this action...
Display	Display the selected report on your screen for immediate viewing
Print	Print the selected report to the device you specify
Delete	Delete the selected report if you no longer need to retain it
Copy	Copy the selected report to another file name, directory, and drive letter you specify
Cancel	Return you to the main menu

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Part 8: Appendix

Part 8 contains information about the following topics.

- ❖ Chapter 35: Error Messages
- ❖ Chapter 36: M100 Cards with Wireless Modems
- ❖ Chapter 37: Create Districts for Michigan State Transfer File
- ❖ Chapter 38: Set up USB PEB Reader
- ❖ Chapter 39: Revision History

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 35: Error Messages

HPM Error Messages

Error Messages	Function Performed	Possible Cause	User Information
Absentee Precinct conflicts with single block absentee mode	Modify Election Definition Precincts Change Precinct Master	Single Block Absentee Mode has been selected in addition to having precincts coded as absentee.	This field is numeric only. Enter a valid precinct number or select one from the precinct list. Print a precinct listing to determine valid numbers.
Access code is reserved	Set Tabulator Controls Election Specifications	A reserved number has been entered as part of the Access Code.	Enter a code other than 1800-1809 or 9990 – 9999.
Admin password is required	Set Tabulator Controls Election Specifications	The Admin Menu Password field is blank.	Enter an alphanumeric password for entering the DS200 Admin Menu. The password must be at least 8 characters but not exceed 10 characters.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Ballot position number required!	Modify Election Definition Contests Change Contests and Candidates	A ballot position entry is required for each candidate entered.	Enter a valid position. Valid positions for double sided ESSIM ballots are: 11" — 36 targets per column 216 14" — 36 targets per column 216 14" — 41 targets per column 246 14" — 48 targets per column 288 17" — 41 targets per column 246 17" — 45 targets per column 270 17" — 60 targets per column 360 19" — 51 targets per column 306 19" — 68 targets per column 408 Valid positions for double sided DSIM ballots are: L11" — 31 targets per column 1488 L11" — 38 targets per column 1824 L11" — 50 targets per column 2400 L14" — 41 targets per column 1968 L14" — 48 targets per column 2304 L14" — 50 targets per column 2400 L14" — 65 targets per column 3120 L17" — 50 targets per column 2400 L17" — 62 targets per column 2976 L17" — 81 targets per column 3888 L19" — 56 targets per column 2688 L19" — 70 targets per column 3360 L19" — 91 targets per column 4368 Single sided ballots would be half.
Ballot position required	Modify Election Definition Contests Change Candidate Rotation	A ballot position entry is required for each candidate entered.	Enter a valid ballot position

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Ballot position required!	Modify Election Definition Contests Change Contests and Candidates	A ballot position entry is required for each candidate entered.	Enter a valid position. Valid positions for double sided ESSIM ballots are: 11" — 36 targets per column216 14" — 36 targets per column216 14" — 41 targets per column246 14" — 48 targets per column288 17" — 41 targets per column246 17" — 45 targets per column270 17" — 60 targets per column360 19" — 51 targets per column306 19" — 68 targets per column408 Valid positions for double sided DSIM ballots are: L11" — 31 targets per column1488 L11" — 38 targets per column1824 L11" — 50 targets per column2400 L14" — 41 targets per column1968 L14" — 48 targets per column2304 L14" — 50 targets per column2400 L14" — 65 targets per column3120 L17" — 50 targets per column2400 L17" — 62 targets per column2976 L17" — 81 targets per column3888 L19" — 56 targets per column2688 L19" — 70 targets per column3360 L19" — 91 targets per column4368 Single sided ballots would be half.
Ballot style - #### embedded security conflict - (continuing).	Create Tabulator Data Create Final Database	Embedded security has been defined at the end of a column and there are too many candidates preceding the embedded security.	Change embedded security to the beginning of the column.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Ballot Style not on file!	Modify Election Definition Ballot Styles Print Ballot Style Listing	You have entered a ballot style number that is not on file.	Enter a valid ballot style number or select one from the ballot style list. Print a ballot style listing to determine valid numbers.
Ballot style number must be > zero!	Modify Election Definition Ballot Styles Change Ballot Styles	You have entered zero for a ballot style number. Valid ballot style numbers are 1 through 9999.	Enter a valid ballot style number or select one from the ballot style list. Print a ballot style listing to determine valid numbers.
Cannot be 0!	Modify Election Definition Contests Change Contests and Candidates	Either zero or a character has been entered or the vote for field has been left blank.	This field is numeric only. Enter a valid vote for number.
Cannot be left blank!	Modify Election Definition Districts Update Precincts from Districts	The Include District beginning field contains a value but the ending field has been left blank.	Enter both a beginning and ending value.
Cannot display PEBLOG. Excel application may not exist on the system.	HPM Main Menu	Excel application may not exist on the system.	
Cannot display the Software Operations Procedures document. Acrobat or Reader application may not exist on the system.	HPM Main Menu	Acrobat or Reader application may not exist on the system.	
Cannot have PRC blank!	Modify Election Definition Contests Change Contests and Candidates	PRC has been entered as the district code but the district name has been left blank.	Enter a valid precinct number in the district name field. Print a precinct listing to determine valid numbers.
Card not detected	Create Tabulator Data Load Memory Device With Parameters	The system was unable to detect a card in the OmniDrive.	Retry Verify the PCMCIA card is completely seated in the OmniDrive Try a different card
Closing date/time must be after opening date/time	Set Tabulator Controls Election Specifications	The poll closing date and/or time is before poll opening.	Enter a valid poll closing date/time.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Column must be 0 – 3	Modify Election Definition Contests Change Candidate Rotation	A number greater than 7 has been entered or a character entered in the rotation number field is invalid.	Enter a valid column.
Column must be 0 – 5	Modify Election Definition Contests Change Candidate Rotation	Either zero or a number greater than 6 has been entered or a character entered in the rotation number field is invalid.	Enter a valid column.
Column must be 0 – 7	Modify Election Definition Contests Change Candidate Rotation	A number greater than 7 has been entered or a character entered in the rotation number field is invalid.	Enter a valid column.
Column must be 1 – 48	Modify Election Definition Contests Change Candidate Rotation	Either zero or a number greater than 48 has been entered or a character entered in the rotation number field is invalid.	Enter a valid column.
Column must be 1 – 6	Modify Election Definition Contests Change Candidate Rotation	Either zero or a number greater than 6 has been entered or a character entered in the rotation number field is invalid.	Enter a valid column.
Column number required	Modify Election Definition Ballot Styles Change Ballot Style Control	A value has been entered in the Start Position and Number Positions fields but the Column field is blank.	Enter a valid column number. Valid columns are 0 through 7 based on the ballot columns number entered on the Election Specification screen.
Column number required!	Modify Election Definition Contests Change Contests and Candidates	A ballot position value has been entered without a column number.	Enter the column number or delete the ballot position.
Column position number required!	Modify Election Definition Contests Change Contests and Candidates	A column position entry is required for each candidate entered.	Enter a valid column number.
Contest already exists: ####	Election Merge Party of Another Election	The contest number displayed already exists.	Select “Yes” to overwrite the displayed contest, “Yes to All” to overwrite all contests, “No” to not overwrite the displayed contest or “No to All” to not overwrite any duplicate contests.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Contest does not contain rotations!	Modify Election Definition Ballot Styles Change Ballot Styles	Edit Rotation has been selected but the highlighted contest does not contain rotation records.	Select a contest that contains rotation to select the rotation. Print a candidate rotation listing to determine valid rotations.
Contest is not a regular contest type	Modify Election Definition Contests Change Candidate Rotation	The contest selected is not a regular type contest.	Change to the correct contest type, enter a valid regular type contest number or select a regular type contest number from the contest list. Print a contest listing to determine valid numbers.
Contest is not on file	Modify Election Definition Contests Change Candidate Rotation	The contest number entered is not on file.	Enter a valid contest number or select one from the contest list. Print a contest listing to determine beginning and ending values.
Contest not found or not regular type!	Modify Election Definition Contests Change Straight Party Contests	The contest number entered/selected is not a regular type contest or does not exist.	Enter a valid contest number or select one from the contest list. Print a contest listing to determine beginning and ending values.
Contest number is not on file!	Modify Election Definition Contests Change Straight Party Contests	The contest number entered as the beginning or ending number of a range is not on file.	Enter valid contest numbers. Print a contest listing to determine valid numbers.
Current directory has no election files!	Election Change; Election Create New; and Election Merge part of Another Election	The ELECDATA directory on the current drive does not contain any election files.	Change to another drive.
Device code already used!	Modify Election Definition Political Parties Change Political Party Master	A device code that is already used by another party within this election has been entered.	Enter a device code that has not already been used. Valid entries are 0 through 9 and A through J.
District already exists: ####	Election Merge Party of Another Election	The district number displayed already exists.	Select "Yes" to overwrite the displayed district, "Yes to All" to overwrite all districts, "No" to not overwrite the displayed district or "No to All" to not overwrite any duplicate districts.
District code invalid!	Modify Election Definition Contests Change Contests and Candidates	The district code entered is not on the jurisdiction file.	Enter a valid district code. To view valid district go to Set Tabulator Controls Jurisdiction Edit District Codes.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
District code invalid!	Modify Election Definition Contests Change Contests and Candidates	The district code entered is not on the jurisdiction file.	Enter a valid district code. To view valid district go to Set Tabulator Controls Jurisdiction Edit District Codes.
District code invalid!	Modify Election Definition Contests Change Contests and Candidates	The district code entered is not on the jurisdiction file.	Enter a valid district code. To view valid district go to Set Tabulator Controls Jurisdiction Edit District Codes.
District code must be entered	Modify Election Definition Precincts Print Precinct Listing	A district name has been entered but the district code field is blank.	Enter a valid district code. To view valid district go to Set Tabulator Controls Jurisdiction Edit District Codes.
District code must be entered.	Modify Election Definition Districts Change District Master	Enter has been selected without entering a District Code.	Enter a valid district code. To view valid district go to Set Tabulator Controls Jurisdiction Edit District Codes.
District is not on file	Modify Election Definition Contests Change Candidate Rotation	The district entered is not file.	Verify the available district entries and enter one of these or add that district. Print a district listing to determine valid districts.
District is not valid!	Modify Election Definition Precincts Print Precinct Listing	The district entered does not exist.	Verify the available district entries and enter one of these or add that district. Print a district listing to determine valid districts.
District number must be entered!	Modify Election Definition Precincts Change Precinct Master	Enter has been selected without entering anything in the District field.	Enter a valid district or select one from the district list. Print a district listing to determine valid districts.
District number must be entered!	Modify Election Definition Precincts Print Precinct Listing	A district code has been entered but the district number field is blank.	Verify the available district entries and enter one of these or add that district. Print a district listing to determine valid districts.
District number must be entered.	Modify Election Definition Districts Change District Master	Enter has been selected without entering anything in the District field.	Enter a minimum of one character/number in the District field.
Drive not accessible	Create Tabulator Data Load Memory Device With Parameters	The drive lettered entered is invalid.	Enter a valid drive letter

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Drive not accessible.	Create Tabulator Data Load Memory Device With Parameters	The drive lettered entered is invalid.	Enter a valid drive letter
DS200 Admin password required, update scanner options	Set Tabulator Controls Election Specifications	The Admin Menu Password field is blank on the Election Specification DS200 scanner options screen.	Enter an alphanumeric password for entering the DS200 Admin Menu. The password must be at least 8 characters but not exceed 10 characters. This field can be accessed at Set Tabulator Controls Election Specifications Model 100/200 Scanner Options DS200 Scanner Options.
DS200 Reopen password required, update scanner options	Set Tabulator Controls Election Specifications	The Reopen Polls Password field is blank on the Election Specification DS200 scanner options screen.	Enter an alphanumeric password for reopening the polls on the DS200. The password must be at least 8 characters but not exceed 10 characters. This field can be accessed at Set Tabulator Controls Election Specifications Model 100/200 Scanner Options DS200 Scanner Options.
Duplicate ballot position	Modify Election Definition Contests Change Candidate Rotation	The same ballot position has been entered for more than one candidate.	Verify ballot positions.
Duplicate precinct	Modify Election Definition Contests Change Candidate Rotation	The precinct number entered has already been entered or selected.	Enter or select another precinct number or select update to update the screen.
Duplicate precinct	Election Create Subset Election	The precinct number entered has already been selected.	Enter a valid precinct number or select one from the precinct list. Print a precinct listing to determine valid numbers.
Election already exists!	Election Create Subset Election	The election name entered into the New Election Name field already exists.	Enter another Election Name.
Election date is required	Set Tabulator Controls Election Specifications	No Election Date has been selected.	Enter an election date.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Election file already exists	Election Create Subset Election	The election name entered into the New Election Name field already exists.	Enter another Election Name.
*** Election file error: *** File is corrupt due to improper power-down procedures. File recovery procedure MUST be executed!	HPM Main Menu	The PC was powered down while the election was open.	If you cannot determine the cause, call ES&S support with specific information about what you were attempting to do.
*** Election file error: *** File does not exist due to improper RENAME or DELETE. Another election MUST be selected!	HPM Main Menu	The current specified election file does not exist.	Verify drive letter on Control File
*** Election file error: *** File status is: Click OK to acknowledge.	HPM Main Menu	An I/O error has occurred and the program cannot continue.	If you cannot determine the cause, call ES&S support with specific information about what you were attempting to do.
Election has 'PRC' contests and single block absentee. Not compatible! 'PRC' contests were handled as though they were not 'PRC'.	Create Tabulator Data Create Final Database	The election contains contests with district code of "PRC" and single block absentee has been selected on the Election Specifications.	"PRC" contests cannot be used if using single block absentee. Either remove the "PRC" district or single block absentee.
Election requested already exists.	Election Create New from Prior Election	The election name entered into the Create Election ID field already exists.	Enter another Election ID.
Election requested already exists.	Election Create New	The election name entered into the New Election Name field already exists.	Enter another Election Name.
Election requested does not exist.	Election Create New from Prior Election	The election name entered does not exist.	Enter a valid election name.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABC) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Election requested is not available!	Election Change; Election Create New; and Election Merge part of Another Election	The election requested is not on file.	Select another election.
Election requires at least one included Type Description. Return to the 'Election Specification menu option and code and activate a Type Description.	Create Tabulator Data Create Final Database	At least one Types Description/Include in Total Voting has not been defined or is not active.	Define and activate at least one Types Description/Include in Total Voting.
Election title is required	Set Tabulator Controls Election Specifications	No Election Title has been entered.	Enter an election title.
Election type is required	Set Tabulator Controls Election Specifications	No Election Type has been selected.	Select an election type: Closed Primary General (contains partisan candidates) Nonpartisan (not primary or general) Open Primary w/o Party Preference Open Primary with Party Preference
End precinct cannot be less than begin precinct!	Create Tabulator Data Create Tabulator Parameters	When entering a range of precincts, the ending precinct number must be greater than the beginning precinct number.	Enter a valid range. Print a precinct listing to determine beginning and ending values.
End style number is less than begin style number!	Modify Election Definition Ballot Styles Print Ballot Style Listing	When entering a range of ballot styles, the ending ballot style must be greater than the beginning ballot style number.	Enter a valid range. Print a ballot style listing to determine valid numbers.
End style number is less than begin style number!	Modify Election Definition Ballot Styles Print Ballot Style Listing	When entering a range of ballot styles, the ending ballot style must be greater than the beginning ballot style number.	Enter a valid ballot style number or select one from the ballot style list. Print a ballot style listing to determine valid numbers.
Ending Poll number is less than beginning number!	Create Tabulator Data Create Tabulator Parameters	The range of polls beginning number entered is greater than the ending number.	Enter a valid range of polling places. Print a polling place listing to determine valid numbers.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Ending Poll number is less than beginning number!	Create Tabulator Data Load Memory Device with Parameters	The range of polls beginning number entered is greater than the ending number.	Enter a valid range of polling places. Print a polling place listing to determine valid numbers.
Ending Precinct number is less than beginning number!	Create Tabulator Data Create Tabulator Parameters	The range of precincts beginning number entered is greater than the ending number.	Enter a valid range of precincts. Print a precinct listing to determine valid numbers.
Ending Precinct number is less than beginning number!	Create Tabulator Data Load Memory Device with Parameters	The range of precincts beginning number entered is greater than the ending number.	Enter a valid range of precincts. Print a precinct listing to determine valid numbers.
Enter both or neither polls open and close date/time	Set Tabulator Controls Election Specifications	Either a poll open or close date/time has been entered but not both.	Enter both or neither poll open and close date/time.
Enter candidate name for ballot position!	Modify Election Definition Contests Change Contests and Candidates	For each ballot position entered a candidate name is required.	Enter the appropriate candidate name in the Candidate name field.
Erase embedded mask first!	Modify Election Definition Ballot Styles Change Ballot Style Control	The column number has been removed but values exist in the Embedded Mask.	Erase the embedded mask before deleting the column number.
Error - No response from MPR.	Create Tabulator Data Load Memory Device With Parameters	The system has not received required response back from the MPR.	Retry Check cables between the MPR and computer Check power on the MPR
Error # 1: DOS I/O Error			Call ES&S support with specific information as to the function you were attempting to perform
Error # 2: Duplicate key		An attempt has been made to write a record with an already existing record key.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 4: Wrong length record		An attempt has been made to access a record with a different length than defined.	Call ES&S support with specific information as to the function you were attempting to perform.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Error # 10: Read past end-of-file		An attempt has been made to read past the end of a file.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 21: Invalid key sequence		An invalid prime key sequence exists in a keyed file.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 22: Duplicate record		An attempt has been made to write a record with an already existing record key.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 23: Not on file		An attempt has been made to read a record that is not on file.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 24: No more disk space		An attempt has been made to create or write a file, when there is no ore disk space available.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 30: Not on line		A serial or parallel device, such as a printer or MemoryPack burner is not on line, or ready to use.	Check the specific device you are trying to use for power, securely attached cables, etc.
Error # 34: No more disk space		An attempt has been made to create or write a file, when there is no ore disk space available.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 35: File does not exist		An attempt was made to open a file that does not exist.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 37: Wrong file type		An attempt was made to access a file with a file type other than that defined.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 38: File locked		A file you are trying to access is currently locked by another user.	Retry accessing the file. If unsuccessful, call ES&S for assistance.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Error # 39: Wrong type or length		An attempt was made to access a file with a type or length other than that defined.	Call ES&S support with specific information as to the function you were attempting to perform.
Error # 41: File already open		An attempt was made to open a file that was already opened.	Call ES&S support with specific information as to the function you were attempting to perform.
Error # 42: File not open		An attempt was made to read or write to a file that is not open.	Call ES&S support with specific information as to the function you were attempting to perform.
Error # 43: Rewrite without reading		An attempt was made to rewrite a record without having read that record.	Call ES&S support with specific information as to the function you were attempting to perform.
Error # 44: Rewrite/record length		The length of the record you are trying to write is different than that defined.	Call ES&S support with specific information as to the function you were attempting to perform.
Error # 46: Read/no curr. file pos.		An attempt has been made to read a record when no file position is defined.	Call ES&S support with specific information as to the function you were attempting to perform.
Error # 47: Not open or wrong mode		An attempt has been made to access a file that is not open or open in the wrong mode.	Call ES&S support with specific information as to the function you were attempting to perform.
Error # 48: Not open or wrong mode		An attempt has been made to access a file that is not open or open in the wrong mode.	Call ES&S support with specific information as to the function you were attempting to perform.
Error # 49: Not open or wrong mode		An attempt has been made to access a file that is not open or open in the wrong mode.	Call ES&S support with specific information as to the function you were attempting to perform.
Error # 90: Open mode conflict		An operation has been attempted that conflicts with the open mode of the file.	Call ES&S support with specific information as to the function you were attempting to perform.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Error # 91: File not open		An operation has been attempted on an unopened file.	Call ES&S support with specific information as to the function you were attempting to perform.
Error # 92: File not open		An operation has been attempted on an unopened file.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 93: File cannot be opened		An attempt was made to open a file that cannot be opened.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 94: Wrong length record		An operation was attempted on a file with the wrong file organization.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 95: Wrong file type		An operation was attempted on a file type other than that defined.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 96: Read/no curr. file pos.		An attempt has been made to read a record when no file position is defined.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 97: Wrong length record		An attempt was made to access a file with a length other than that defined.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 98: File probably corrupted		The file you are attempting to access is probably corrupt. This may be due to improper power down procedures when your election file was open.	Call ES&S support for assistance with recovery procedures
Error # 99: Record is locked		A record you are trying to access is locked by another user.	Retry accessing the record. If unsuccessful, call ES&S for assistance.
Error # 3002: File not found		The system cannot find the file specified.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Error # 3003: Path not found		The system cannot find the path specified.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 3004: Too many open files		The system cannot open the file.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 3005: Access denied		Access is denied.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 3008: Insufficient memory		Not enough storage is available to process this command.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 3015: Invalid drive		The system cannot find the drive specified.	Enter a valid drive letter or call ES&S support with specific information as to the function you were attempting to perform
Error # 3019: Write protected		The media is write protected.	Verify that the media you are attempting to write to is not write protected or call ES&S support with specific information as to the function you were attempting to perform
Error # 3020: Bad disk unit		The system cannot find the device specified.	Try another diskette or call ES&S support with specific information as to the function you were attempting to perform
Error # 3021: Drive not ready		The device is not ready.	Retry or call ES&S support with specific information as to the function you were attempting to perform
Error # 3023: CRC error		Data error (cyclic redundancy check).	Call ES&S support with specific information as to the function you were attempting to perform
Error # 3028: Out of paper		The printer is out of paper.	Check paper supply in printer
Error # 3029: Not on line		The system cannot write to the specified device.	Verify that the printer is online

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Error # 3030: Read fault		The system cannot read from the specified device.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 3031: General Failure		A device attached to the system is not functioning.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 3032: Sharing violation		The process cannot access the file because it is being used by another process.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 3033: Lock violation		The process cannot access the file because another process has locked a portion of the file.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 3054: Network busy		The network is busy	Call ES&S support with specific information as to the function you were attempting to perform
Error # 3061: Print queue full		The printer queue is full.	Allow printer time to print jobs currently in the queue and retry
Error # 3065: Access denied		Network access is denied.	Verify that the network drive is available and that you have proper rights. Call ES&S support with specific information as to the function you were attempting to perform.
Error # 9421: Wrong file type		The file organization specified is invalid or unsupported, or the requested open operation is illegal on the specified organization.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 9422: Wrong record size		The minimum record length is invalid. The minimum record length specified in the RECORD CONTAINS clause for the filename exceeds the maximum record length.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Error # 9423: Wrong record size		The maximum record length is invalid. The maximum record length specified in the RECORD CONTAINS clause of the filename exceeds 65280.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 9424: Wrong record size		The minimum block size is invalid. The minimum block size specified in the BLOCK CONTAINS clause of the filename exceeds the maximum block size.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 9425: Wrong record size		The maximum block size is invalid. The maximum block size specified in the BLOCK CONTAINS clause of the filename is too large. For indexed organization files, the computed block size is also a function of the maximum record size. In general, if the BLOCK CONTAINS clause is omitted, the runtime system will default to the valid block size that is a multiple of the disk sector size. For files with a very large record size, specifying BLOCK CONTAINS 1 RECORDS will yield the minimum possible block size.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 9426: Wrong record delimiter		The record delimiter is invalid. A record delimiting technique other than LINE-SEQUENTIAL or BINARY-SEQUENTIAL was specified.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 9427: Wrong code set		The code-set specified is invalid or unsupported.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 9428: Wrong collating seq.		The COLLATING SEQUENCE specified for an indexed file is invalid or unsupported.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Error # 9429: Wrong record type		The record type attribute, fixed or variable, specified for the filename is unsupported.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 9460: No more memory		Insufficient memory to open file. The amount of memory required to open a file can be reduced by specifying a smaller maximum block size in the BLOCK CONTAINS clause, or by reducing the number of blocking buffers requested in the RESERVE AREAS clause of the file. More memory can be made available for opening this file by closing other files, reducing the memory requirements of other files, or by canceling inactive programs.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 9461: No more disk space		There is insufficient disk space to create a file.	Verify available disk space or call ES&S support with specific information as to the function you were attempting to perform
Error # 9464: Invalid file name		The filename specified is invalid. This error can occur if the filename is set to spaces.	Enter a valid file name or call ES&S support with specific information as to the function you were attempting to perform
Error # 9701: Invalid characters		One or more characters in the record are illegal in a line-sequential file.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 9702: Invalid characters		One or more characters could not be translated from the native character set to the external code-set.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 9705: Wrong length record		The record read from the file is shorter than the minimum record length.	Call ES&S support with specific information as to the function you were attempting to perform
Error # 9706: Wrong length record		The record read from the file is longer than the record area.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Error writing to card!	Create Tabulator Data Load Memory Device With Parameters	An error occurred attempting to write to the PCMCIA card.	Retry Try replacing the battery as the battery in the card may be dead Try a different card
* Errors present - check print for details! *	Create Tabulator Data Create Tabulator Parameters	Errors were encountered while attempting to generate parameters.	Review EL32.LST for error descriptions.
File cannot be unencrypted!	Election Create New with Import IFC File selected; Election Import IFC and Election Create IFC	An error occurred while attempting to unencrypt the IFC file.	Retry Call ES&S Support
File does not exist!	Election Create New with Import IFC File selected; Election Import IFC and Election Create IFC	The IFC file name entered does not exist.	Verify the file name has been entered correctly Verify the IFC file exists in the ELECDATA directory
File does not exist!	Create Tabulator Data Telephone Number File	The Master Telephone Number File Name entered does not exist.	Enter a valid file name or leave blank to create the .TEL file.
File is not readable, cannot switch to this election name!	Election Change; Election Create New; and Election Merge part of Another Election	The <election name>.dat file selected is not readable.	Select another election.
Final Database and Parameters need to be created!	Create Tabulator Data Load Memory Device With Parameters	The final election database and parameters have not been created or changes occurred for which the final database and parameters need to be recreated.	Create the final database and parameters.
Final Database and Parameters need to be created!	Create Tabulator Data Load Memory Device With Parameters	The final election database and parameters have not been created or changes occurred for which the final database and parameters need to be recreated.	Create the final database and parameters.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Final database does not need to be created!	Create Tabulator Data Create Final Database	The final database has already been created and no changes have occurred that make it necessary to create it.	This is merely a warning; you can continue if you feel it is necessary.
Final Database needs to be created!	Create Tabulator Data Create Tabulator Parameters	The final election database has not been created or changes occurred for which the final database needs to be recreated.	Create the final database.
Final Database needs to be created!	Create Tabulator Data Load Memory Device With Parameters	The final election database has not been created or changes occurred for which the final database needs to be recreated.	Create the final database.
Final election database creation ERROR!	Create Tabulator Data Create Final Database	An error was encountered attempting to generate the final database.	Call ES&S Support.
First model district is not on file!	Modify Election Definition Districts Change District Master	The district entered in the first Model fields does not exist in the district master	Enter a valid district. Print a district listing to determine valid districts.
Genparms and Tgen30 do not exist!	Create Tabulator Data Create Tabulator Parameters	The utilities GENPARMS and TGEN30 do not exist in the program director.	The version of HPM currently being used does not support Model 150/550 tabulators.
Genparms does not exist!	Create Tabulator Data Create Tabulator Parameters	The utility GENPARMS does not exist in the program directory.	The version of HPM currently being used does not support Model 150/550 tabulators.
High cannot be less than low!	Modify Election Definition Districts Update Precincts from Districts	When entering a range of districts, the ending district number must be greater than the beginning district number.	Enter a valid range. Print a district listing to determine beginning and ending values.
Host phone number is required for auto transmit results	Set Tabulator Controls Election Specifications	Auto Transmit Results has been selected but the phone number field is blank.	Enter a valid phone number to transmit results.
HPM interface processing was aborted!	Election Create New with Import IFC File selected; Election Import IFC and Election Create IFC	An unexpected error was encountered while attempting to import or create the IFC file.	Retry Call ES&S Support

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Hyphen space (-) must precede text!	Modify Election Definition Contests Change Contests and Candidates	When entering ballot counter text, the first two characters MUST be a hyphen (-) and a space () followed by the required text.	Enter a " - " followed by the required text
IFC file already exists. Overwrite the file Yes/No?	Election Create New with Import IFC File selected; Election Import IFC and Election Create IFC	The IFC file name entered already exists.	Select Yes to continue and overwrite the existing file or select No to cancel the process.
IFC file could not be encrypted!	Election Create New with Import IFC File selected; Election Import IFC and Election Create IFC	An error occurred while attempting to encrypt the IFC file.	Retry Call ES&S Support
Import was aborted due to District ##### being a duplicate record in the .IFC file.	Election Create New with Import IFC File selected; Election Import IFC and Election Create IFC	The IFC file attempting to be imported contains a duplicate district record.	Recreate IFC file from Image Manager and retry Correct problem in EDM, recreate IFC file from Image Manager and retry
Import was aborted due to nnnn being a duplicate record in the .IFC file.	Election Create New with Import IFC File selected; Election Import IFC and Election Create IFC	The IFC file attempting to be imported contains a duplicate record.	Recreate IFC file from Image Manager and retry Correct problem in EDM, recreate IFC file from Image Manager and retry
Import was aborted due to no Ballot Style records in the .IFC file.	Election Create New with Import IFC File selected; Election Import IFC and Election Create IFC	The IFC file attempting to be imported contains no ballot style records.	Recreate IFC file from Image Manager and retry Correct problem in EDM, recreate IFC file from Image Manager and retry
Import was aborted due to Straight Party ##### being a duplicate record in the .IFC file.	Election Create New with Import IFC File selected; Election Import IFC and Election Create IFC	The IFC file attempting to be imported contains a duplicate straight party record.	Recreate IFC file from Image Manager and retry Correct problem in EDM, recreate IFC file from Image Manager and retry
Increment cannot be zero!	Modify Election Definition Contests Renumber Contests	Zero has been entered in the Increment to Renumber by field.	Enter a value other than zero.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Input exceeds the 32K program limit!	Create Tabulator Data Create Tabulator Parameters	Program limit on the amount of input that it can translate.	Must reduce the amount of data that is input to this Precinct or Poll.
Input exceeds the 64K program limit!	Create Tabulator Data Create Tabulator Parameters	Program limit on the amount of input that it can translate.	Must reduce the amount of data that is input to this Precinct or Poll.
Invalid access code	Set Tabulator Controls Election Specifications	A non-numeric character has been entered in the Access Code field.	Enter a valid numeric number.
Invalid contest number	Modify Election Definition Contests Change Candidate Rotation	Either zero has been entered or a character entered in the contest number field is invalid.	This field is numeric only. Enter a valid contest number or select one from the contest list. Print a contest listing to determine valid numbers.
Invalid contest number!	Modify Election Definition Contests Change Contests and Candidates	Either zero has been entered or a character entered in the contest number field is invalid.	This field is numeric only. Enter a valid contest number or select one from the contest list. Print a contest listing to determine valid numbers.
Invalid contest number!	Modify Election Definition Contests Change Contests and Candidates	Either zero has been entered or a character entered in the contest number field is invalid.	This field is numeric only. Enter a valid contest number or select one from the contest list. Print a contest listing to determine valid numbers.
Invalid cross-over type	Set Tabulator Controls Election Specifications	Open Primary has been selected as the election type and the Cross-Over Type field is blank or a number that is not defined under the Types Description/ Include in Total Voting has been entered.	Enter the number defined in the Types Description/Include in Total Voting section that has been defined as the Cross-over Type.
Invalid district	Modify Election Definition Contests Change Candidate Rotation	The district entered does not exist.	Verify the available district entries and enter one of these or add that district. Print a district listing to determine valid districts.
Invalid District code!	Modify Election Definition Districts Change District Master	A District Code has been entered that is invalid.	Enter a valid district code. To view valid district go to Set Tabulator Controls Jurisdiction Edit District Codes.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Invalid District!	Modify Election Definition Precincts Change Precinct Master	A district has been entered that is invalid.	Enter a valid district or select one from the district list. Print a district listing to determine valid districts.
Invalid District!	Modify Election Definition Contests Change Contests and Candidates	The district entered does not exist.	Enter a valid district or add that district. Print a district listing to determine valid districts.
Invalid district!	Modify Election Definition Contests Change Contests and Candidates	The district entered does not exist.	Verify the available district entries and enter one of these or add that district.
Invalid district!	Modify Election Definition Contests Change Contests and Candidates	The district entered does not exist.	Verify the available district entries and enter one of these or add that district. Print a district listing to determine valid districts.
Invalid District!	Create Tabulator Data Create DAM Precinct List	The district entered does not exist.	Verify the available district entries and enter one of these or add that district. Print a district listing to determine valid districts.
Invalid drive	Election Merge Party of Another Election	The drive letter entered does not exist.	Enter a valid drive letter Verify network drive mapping If copying from diskette be sure diskette is inserted
Invalid election day	Set Tabulator Controls Election Specifications	The Election Date entered is invalid.	Enter a valid election date. Date may be invalid if for example you selected February 31 as February does not have 31 days.
Invalid Number!	Modify Election Definition Ballot Styles Change Precinct/Ballot Style File	The precinct number entered is invalid.	Enter a valid precinct number or select one from the precinct list. Print a precinct listing to determine valid numbers.
Invalid partisan ballot type	Set Tabulator Controls Election Specifications	Open Primary has been selected as the election type and the Partisan Ballot Type field is blank or a number that is not defined under Types Description/Include in Total Voting has been entered.	Enter a valid number defined in Types Description/Include in Total Voting.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Invalid party entry!	Modify Election Definition Contests Change Contests and Candidates	The party value entered for the candidate is invalid.	Enter a valid party code. Print a political party listing to determine valid parties.
Invalid Precinct number!	Modify Election Definition Precincts Change Precinct Master	A character entered in the precinct number field is invalid.	This field is numeric only. Enter a valid precinct number or select one from the precinct list. Print a precinct listing to determine valid numbers.
Invalid Precinct!	Modify Election Definition Districts Change District Master	The precinct number entered is not on file.	Enter a valid precinct number. Print a precinct listing to determine valid numbers.
Invalid Precinct!	Modify Election Definition Contests Change Contests and Candidates	Either a character has been entered or the precinct number entered is not on file	This field is numeric only. Enter a valid precinct number. Print a precinct listing to determine valid precincts.
Invalid range	Set Tabulator Controls Election Specifications	An invalid range has been entered in the Absentee Precinct Number. For example the beginning number is greater than the ending number.	Enter a valid range.
Invalid range!	Modify Election Definition Districts Change District Master	The precinct range entered is invalid. It may be that the first number is greater than the second number of the range.	Enter a valid range. Print a precinct listing to determine valid numbers.
Invalid range!	Modify Election Definition Contests Renumber Contests	The precincts, contest or ballot styles range entered is invalid. It may be that the first number is greater than the second number of the range.	Enter a valid range. Print a precinct, contest or ballot style listing to determine valid numbers.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Invalid rotated position	Modify Election Definition Contests Change Candidate Rotation	Either zero or a number greater than the maximum positions within the column or a character entered in the position field is invalid.	Enter a valid position. Valid positions for double sided ESSIM ballots are: 11" — 36 targets per column216 14" — 36 targets per column216 14" — 41 targets per column246 14" — 48 targets per column288 17" — 41 targets per column246 17" — 45 targets per column270 17" — 60 targets per column360 19" — 51 targets per column306 19" — 68 targets per column408 Valid positions for double sided DSIM ballots are: L11" — 31 targets per column1488 L11" — 38 targets per column1824 L11" — 50 targets per column2400 L14" — 41 targets per column1968 L14" — 48 targets per column2304 L14" — 50 targets per column2400 L14" — 65 targets per column3120 L17" — 50 targets per column2400 L17" — 62 targets per column2976 L17" — 81 targets per column3888 L19" — 56 targets per column2688 L19" — 70 targets per column3360 L19" — 91 targets per column4368 Single sided ballots would be half.
Invalid with special type!	Modify Election Definition Contests Change Contests and Candidates	The Special Type that has been selected is invalid with the district entered.	Select a different Special Type or enter a different District. Print a district listing to determine valid districts.
Jurisdiction name is required! Change Jurisdiction Master	Set Tabulator Controls Jurisdiction	The Jurisdiction Title field has been left blank.	Enter a valid Jurisdiction Title.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
M100 password is required	Set Tabulator Controls Election Specifications	The M100 Password field is blank.	Enter a three digit numeric password for reopening the polls on the M100.
M100 password required, update scanner options	Set Tabulator Controls Election Specifications	The M100 Password field is blank on the Election Specification M100 scanner options screen.	Enter a three digit numeric password for reopening the polls on the M100. This field can be accessed at Set Tabulator Controls Election Specifications Model 100/200 Scanner Options.
Maximum number of parties reached!	Modify Election Definition Political Parties Change Political Party Master	The maximum number of parties has been reached.	There is a maximum of 20 parties. Call ES&S Support.
Minimum of 8 characters required for Admin password	Set Tabulator Controls Election Specifications	The Admin Menu Password field contains less than the minimum 8 character requirement.	Enter an alphanumeric password for entering the DS200 Admin Menu. The password must be at least 8 characters but not exceed 10 characters.
Minimum of 8 characters required for Reopen password	Set Tabulator Controls Election Specifications	The Reopen Polls Password field contains less than the minimum 8 character requirement.	Enter an alphanumeric password for reopening the polls on the DS200. The password must be at least 8 characters but not exceed 10 characters.
MPR initialization failed.	Create Tabulator Data Load Memory Device With Parameters	Initialization of the MPR failed.	Retry Check cables between the MPR and computer Check power on the MPR
Must be P or H or S or B or space	Modify Election Definition Ballot Styles Change Ballot Style Control	An invalid character has been entered into the mask.	Enter a valid character. Valid entries include P, H, S, B, or space. See the on-line help or Operators Guide for additional information.
Must be P or H or S or N or B or space	Modify Election Definition Ballot Styles Change Ballot Style Control	An invalid character has been entered into the mask.	Enter a valid character. Valid entries include P, H, S, N, B, or space. See the on-line help or Operators Guide for additional information.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Must enter description of ballot counter!	Modify Election Definition Contests Change Contests and Candidates	A description of each ballot counter entered is required.	Enter a description in the text field preceded by a "- "
New election file not found	Election Merge Party of Another Election	When copying or merging from another election, a valid new Election ID is required.	Enter a valid Copy to Election ID or select one from the drop down list.
New election I.D. required	Election Merge Party of Another Election	When copying or merging from another election, the copy to Election ID must be supplied.	Enter a valid Copy to Election ID or select one from the drop down list.
New election I.D. required.	Election Create New from Prior Election	The Create Election ID field is blank.	Enter an Election Name.
New election I.D. required.	Election Create New	When creating a new election a New Election Name must be supplied.	Enter a valid New Election Name
New election name is required	Election Create Subset Election	When creating a subset election a New Election Name must be supplied.	Enter a valid New Election Name
New number cannot be zero!	Modify Election Definition Contests Renumber Contests	Zero has been entered or a character entered in the New Starting Number field is invalid.	Enter valid characters.
No .EBN files found for the requested polls!	Create Tabulator Data Load Memory Device With Parameters	BAL*.EBN files do not exist for the range of polls entered.	Verify parameters have been created for the requested range of polling places. Enter a valid range. Print a polling place listing to determine valid numbers.
No Ballot Data files were created!	Create Tabulator Data Create Tabulator Parameters	An error(s) occurred while attempting to generate iVotronic .EBN files and therefore no .EBN files were generated.	Retry generating parameters Verify all steps have been completed in iVIM Verify bal*.EPT file exist in the \ELECTDATA\ <election directory<br="" name>=""></election> Contact ES&S Support

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
No Ballot Styles - cannot continue!	Modify Election Definition Ballot Styles Print Precinct/ Ballot Style Listing	The election contains no ballot styles.	Create valid ballot styles Import ballot styles from interface file Import ballot styles from prior election
No Ballot Styles exist!	Modify Election Definition Ballot Styles Print Ballot Style Listing	The election contains no ballot styles.	Create valid ballot styles Import ballot styles from interface file Import ballot styles from prior election
No District Code!	Modify Election Definition Contests Change Contests and Candidates	A district name has been entered but the district code field is blank.	Enter a valid district code. To view valid district go to Set Tabulator Controls Jurisdiction Edit District Codes.
No District Code!	Modify Election Definition Contests Change Contests and Candidates	A district name has been entered but the district code field is blank.	Enter a valid district code. To view valid district go to Set Tabulator Controls Jurisdiction Edit District Codes.
No District Code!	Modify Election Definition Contests Change Contests and Candidates	A district name has been entered but the district code field is blank.	Enter a valid district code. To view valid district go to Set Tabulator Controls Jurisdiction Edit District Codes.
No parameters found for the requested polls!	Create Tabulator Data Load Memory Device With Parameters	Parameters do not exist for the range of polls entered.	Verify parameters have been created for the requested range of polling places. Enter a valid range. Print a polling place listing to determine valid numbers.
No parameters found for the requested polls!	Create Tabulator Data Load Memory Device With Parameters	Parameters do not exist for the range of polls entered.	Verify parameters have been created for the requested range of polling places. Enter a valid range. Print a polling place listing to determine valid numbers.
No parameters found for the requested polls!	Create Tabulator Data Load Memory Device With Parameters	Parameters do not exist for the range of polls entered.	Verify parameters have been created for the requested range of polling places. Enter a valid range. Print a polling place listing to determine valid numbers.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
No parameters found for the requested precincts!	Create Tabulator Data Load Memory Device With Parameters	Parameters do not exist for the range of precincts entered.	Verify parameters have been created for the request range of precincts. Enter a valid range. Print a precinct listing to determine valid numbers.
No parameters found for the requested precincts!	Create Tabulator Data Load Memory Device With Parameters	Parameters do not exist for the range of precincts entered.	Verify parameters have been created for the request range of precincts. Enter a valid range. Print a precinct listing to determine valid numbers.
No parameters found for the requested precincts!	Create Tabulator Data Load Memory Device With Parameters	Parameters do not exist for the range of precincts entered.	Verify parameters have been created for the request range of precincts. Enter a valid range. Print a precinct listing to determine valid numbers.
No Parameters were created.	Create Tabulator Data Create Tabulator Parameters	An error(s) occurred while attempting to generate parameters and therefore no parameters were generated.	Recreate final database Retry generating parameters Contact ES&S Support
No polls in the requested range!	Create Tabulator Data Create Tabulator Parameters	No polls exist in the range entered.	Enter a valid range. Print a polling place listing to determine valid numbers.
No polls in the requested range!	Create Tabulator Data Create Tabulator Parameters	No polls exist in the range entered.	Enter a valid range. Print a polling place listing to determine valid numbers.
No precincts assigned to Polling Place. Polling Place must contain precincts.	Modify Election Definition Polling Places Change Polling Place	Update has been selected for this polling place before any precincts have been selected.	Enter a valid precinct number or select at least one from the precinct list. Print a precinct listing to determine valid numbers.
No precincts in the requested range!	Create Tabulator Data Create Tabulator Parameters	No precincts exist in the range entered.	Enter a valid range. Print a precinct listing to determine valid numbers.
No precincts in the requested range!	Create Tabulator Data Create Tabulator Parameters	No precincts exist in the range entered.	Enter a valid range. Print a precinct listing to determine valid numbers.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Not a ballot counter type contest!	Modify Election Definition Contests Change Contests and Candidates	The contest selected is not a ballot counter (statistical) type contest.	Change to the correct contest type, enter a valid statistical contest number or select a statistical contest number from the contest list. Print a contest listing to determine valid numbers.
Not a print only type contest!	Modify Election Definition Contests Change Contests and Candidates	The contest selected is not a print-only type contest.	Change to the correct contest type, enter a valid print-only type contest number or select a print-only type contest number from the contest list. Print a contest listing to determine valid numbers.
Not a valid contest number!	Modify Election Definition Contests Change Straight Party Contests	Either zero has been entered or a character entered in the contest number field is invalid.	This field is numeric only. Enter a valid contest number or select one from the contest list. Print a contest listing to determine valid numbers.
Not a valid contest number!	Modify Election Definition Ballot Styles Change Ballot Styles	Either zero has been entered or a character entered in the contest number field is invalid.	This field is numeric only. Enter a valid contest number or select one from the contest list. Print a contest listing to determine valid numbers.
Not a valid District!	Modify Election Definition Districts Update Precincts from Districts	The range of districts entered is invalid or the fields were left blank.	Enter a valid district. Print a district listing to determine valid districts.
Not a valid number!	Modify Election Definition Contests Renumber Contests	Either zero or a precinct/contest/ballot style number that does not exist has been entered or a character entered in the Starting-Ending Numbers to be Renumbered field is invalid.	Enter a valid number.
Not a valid precinct number!	Modify Election Definition Ballot Styles Change Ballot Styles	Either zero has been entered or a character entered in the precinct number field is invalid.	This field is numeric only. Enter a valid precinct number or select one from the precinct list. Print a precinct listing to determine valid numbers.
Not in parameter file!	Create Tabulator Data Create Tabulator Parameters	The precinct number is not found in the.FND or .PAR file.	Recreate election final database.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Not on file!	Create Tabulator Data Telephone Number File	The precinct number entered is not on file.	Enter a valid precinct number or select one from the precinct list. Print a precinct listing to determine valid numbers.
Not the proper type!	Modify Election Definition Contests Change Contests and Candidates	The contest selected is not a regular type contest.	Change to the correct contest type, enter a valid regular type contest number or select a regular type contest number from the contest list. Print a contest listing to determine valid numbers.
Number has already been used!	Modify Election Definition Contests Renummer Contests	The number enter in the New Number field is already used.	Enter another number.
Number of counters exceeds 1024 - Aborting!	Create Tabulator Data Create Tabulator Parameters	Device firmware has a limit of 1024 counters.	Must reduce the number of candidates on the chip.
Number of positions required	Modify Election Definition Ballot Styles Change Ballot Style Control	A value has been entered in the Column and Start Position field but the Number Positions field is blank.	Enter a valid number of positions. Valid positions are 0 through 16.
Output still exceeds 16k limit!	Create Tabulator Data Create Tabulator Parameters	Device chip has 16k limit. Too much data for the device.	Must reduce the amount of data that is input to this Precinct or Poll.
Output still exceeds 16K limit!	Create Tabulator Data Create Tabulator Parameters	Device chip has 16k limit. Too much data for the device.	Must reduce the amount of data being put on the chip.
Parameters do not need to be created! Do you want to create the parameter file?	Create Tabulator Data Create Tabulator Parameters	Generate parameters has been selected but parameters do not need to be recreated as recreating them would result in no differences than the existing parameters.	Select No to prevent overwriting the parameters or select Yes to continue generating new parameters.
Party code is not on file!	Modify Election Definition Contests Change Contests and Candidates	The party value entered for the print-only contest is invalid.	Enter a valid party code. Print a political party listing to determine valid parties.
Party has not been defined!	Modify Election Definition Contests Change Contests and Candidates	The party value entered for the contest is invalid.	Enter a valid party code. Print a political party listing to determine valid parties.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
PCB file exists on drive "n" The PCB file will be deleted! Are you sure you want to continue?	Create Tabulator Data Load Memory Device With Parameters	The user has selected to load the memory stick with parameters. The system will warn the user that the memory stick already contains PCB file do they wish to delete them.	Select No to prevent overwriting the parameters or select Yes to continue loading the memory stick with the new PCB file.
Poll number cannot be zero!	Create Tabulator Data Create Tabulator Parameters	Either zero was entered or the polling place field was left blank.	Enter a valid polling place number. Print a polling place listing to determine valid numbers.
Poll number cannot be zero!	Create Tabulator Data Load Memory Device with Parameters	Either zero was entered or the polling place field was left blank.	Enter a valid polling place number. Print a polling place listing to determine valid numbers.
Poll number must be > zero!	Modify Election Definition Polling Places Change Polling Place	Either zero was entered or the poll field was left blank.	Enter a valid poll number or select one from the polling place list. Print a polling place listing to determine valid numbers.
Poll Place already exists: #####	Election Merge Party of Another Election	The polling place number displayed already exists.	Select "Yes" to overwrite the displayed polling place, "Yes to All" to overwrite all polling places, "No" to not overwrite the displayed polling place or "No to All" to not overwrite any duplicate polling places.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Position number invalid!	Modify Election Definition Contests Change Contests and Candidates	The ballot position entered is invalid	Enter a valid position. Valid positions for double sided ESSIM ballots are: 11" — 36 targets per column216 14" — 36 targets per column216 14" — 41 targets per column246 14" — 48 targets per column288 17" — 41 targets per column246 17" — 45 targets per column270 17" — 60 targets per column360 19" — 51 targets per column306 19" — 68 targets per column408 Valid positions for double sided DSIM ballots are: L11" — 31 targets per column1488 L11" — 38 targets per column1824 L11" — 50 targets per column2400 L14" — 41 targets per column1968 L14" — 48 targets per column2304 L14" — 50 targets per column2400 L14" — 65 targets per column3120 L17" — 50 targets per column2400 L17" — 62 targets per column2976 L17" — 81 targets per column3888 L19" — 56 targets per column2688 L19" — 70 targets per column3360 L19" — 91 targets per column4368 Single sided ballots would be half.
PRC Reserved by System to define precincts districts	Set Tabulator Controls Jurisdiction	A district code of PRC has been entered.	Enter a different district code.
Precinct ##### has more than 100 ballot styles, only 100 used!	Modify Election Definition Ballot Styles Create Precinct/ Ballot Style File	The precinct number listed contains more than 100 ballot styles.	Only the first 100 ballot styles will be used.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Precinct already exists: ####	Election Merge Party of Another Election	The precinct number displayed already exists.	Select "Yes" to overwrite the displayed precinct, "Yes to All" to overwrite all precincts, "No" to not overwrite the displayed precinct or "No to All" to not overwrite any duplicate precincts.
Precinct cannot be 9999	Set Tabulator Controls Election Specifications	9999 has been entered as the low or high precinct number.	Enter a valid number. Print a precinct listing to determine valid numbers.
Precinct cannot be zero or blank!	Create Tabulator Data Create Tabulator Parameters	Either zero was entered or the precinct field was left blank.	Enter a valid precinct number. Print a precinct listing to determine valid numbers.
Precinct for bank cutoff must be numeric	Set Tabulator Controls Election Specifications	A character has been entered is not numeric	Enter a valid numeric precinct number. Print a precinct listing to determine valid numbers.
Precinct for bank cutoff must be unique	Set Tabulator Controls Election Specifications	The same precinct number multiple times.	Enter unique precinct numbers. Print a precinct listing to determine valid numbers.
Precinct is not on file	Set Tabulator Controls Election Specifications	The precinct number entered is not on file.	Enter a valid precinct number. Print a precinct listing to determine valid numbers.
Precinct is not on file	Modify Election Definition Contests Change Candidate Rotation	The precinct number entered is not on file.	Enter a valid precinct number or select one from the precinct list. Print a precinct listing to determine valid numbers.
Precinct is not on file	Election Create Subset Election	The precinct number entered is not on file.	Enter a valid precinct number or select one from the precinct list. Print a precinct listing to determine valid numbers.
Precinct is not on file!	Modify Election Definition Polling Places Change Polling Place	The precinct number entered is not on file.	Enter a valid precinct number or select one from the precinct list. Print a precinct listing to determine valid numbers.
Precinct must be numeric	Set Tabulator Controls Election Specifications	A non-numeric character has been entered in the Absentee Precinct Number fields.	Enter a valid numeric precinct number. Print a precinct listing to determine valid numbers.
Precinct number cannot be zero!	Create Tabulator Data Create Tabulator Parameters	Either zero was entered or the precinct field was left blank.	Enter a valid precinct number. Print a precinct listing to determine valid numbers.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Precinct number cannot be zero!	Create Tabulator Data Load Memory Device with Parameters	Either zero was entered or the precinct field was left blank.	Enter a valid precinct number. Print a precinct listing to determine valid numbers.
Precinct number must be > zero	Modify Election Definition Precincts Change Precinct Master	Either zero has been entered or the precinct field is blank.	Enter a valid precinct number.
Precinct Tabulator is require	Set Tabulator Controls Election Specifications	OK has been selected but no tabulators under Precinct Tabulator have been selected.	Select the valid tabulator(s).
Prior election file and new election file can not be the same file	Election Merge Party of Another Election	When performing a copy or merge function, the source file and the object file cannot be the same name.	Enter or select two different election file ID's.
Prior election file not found	Election Merge Party of Another Election	When copying or merging from another election, a valid prior Election ID is required.	Enter a valid prior Election ID or select one from the drop down list.
Prior election I.D. required	Election Merge Party of Another Election	When copying or merging from another election, the prior Election ID must be supplied.	Enter a valid prior Election ID or select one from the drop down list.
Reopen Polls password is required	Set Tabulator Controls Election Specifications	The Reopen Polls Password field is blank.	Enter an alphanumeric password for reopening the polls on the DS200. The password must be at least 8 characters but not exceed 10 characters.
Rotation must be 1 - 999	Modify Election Definition Contests Change Candidate Rotation	Either zero has been entered or a character entered in the rotation number field is invalid.	This field is numeric only. Enter a valid number.
Rotation style is needed!	Modify Election Definition Ballot Styles Change Ballot Styles	A contest selected contains rotation records but no rotation has been specified.	Select a valid rotation for any contest that has rotation. Print a candidate rotation listing to determine valid rotations.
Second model district is not on file!	Modify Election Definition Districts Change District Master	The district entered in the second Model fields does not exist in the district master	Enter a valid district. Print a district listing to determine valid districts.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Should unassigned precincts be included in 0001?	Create Tabulator Data Create DAM Precinct List	When creating DAM Precinct List the system asks the user how to handle any precinct not included in any of the assigned districts.	Answer Yes to include unassigned precincts in the first district or No to skip any precinct not assigned.
Single Block absentee mode conflicts with precincts coded absentee!	Set Tabulator Controls Election Specifications	Single Block Absentee Mode has been selected in addition to having precincts coded as absentee.	
Sorry, this is not an election file!	Election Change; Election Create New; and Election Merge part of Another Election	The Election ID selected is not a valid election file.	Select another election.
Start position required	Modify Election Definition Ballot Styles Change Ballot Style Control	A value has been entered in the Number Positions field but the Start Position field is blank.	Enter a valid number.
State code is required! Change Jurisdiction Master	Set Tabulator Controls Jurisdiction	A state must be selected.	Select a valid state.
Straight party already exists: ####	Election Merge Party of Another Election	The straight party contest number displayed already exists.	Select "Yes" to overwrite the displayed straight party contest, "Yes to All" to overwrite all straight party contests, "No" to not overwrite the displayed straight party contest or "No to All" to not overwrite any duplicate straight party contests.
Style number cannot be zero!	Modify Election Definition Ballot Styles Print Ballot Style Listing	You have entered zero for a ballot style number. Valid ballot style numbers are 1 through 9999.	Enter a valid ballot style number. Print a ballot style listing to determine valid numbers.
Style number cannot be zero!	Modify Election Definition Ballot Styles Print Ballot Style Listing	You have entered zero for a ballot style number. Valid ballot style numbers are 1 through 9999.	Enter a valid ballot style number or select one from the ballot style list. Print a ballot style listing to determine valid numbers.
Tgen30 does not exist!	Create Tabulator Data Create Tabulator Parameters	The utility TGEN30 does not exist in the program directory.	The version of HPM currently being used does not support Model 150/550 tabulators.
That password is incorrect.	Login Administrator	The password entered is invalid.	Enter a valid password.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
The number of contests exceeds the maximum limit! Click OK to acknowledge.	Create Tabulator Data Create Final Database	The maximum of 255 contests allowed in a precinct in the 00 files.	Call ES&S Support.
The password you typed does not match. Please type and confirm the password again.	Login Administrator	The passwords enter	Enter a valid password.
The precinct selection already contains the maximum number of ## precincts per polling place for Model 100/200. No more precincts can be added.	Modify Election Definition Polling Places Change Polling Place	There is a limit of 18 precincts per polling place.	Select a maximum of 18 precincts.
The precinct selection exceeds the limit of 18 precincts per polling place for Model 100/200. Only the first 18 precincts will be included.	Modify Election Definition Polling Places Change Polling Place	There is a limit of 18 precincts per polling place.	Select a maximum of 18 precincts.
The precinct selection exceeds the limit of 80 precincts per polling place You must modify the precinct selection.	Modify Election Definition Polling Places Change Polling Place	There is a limit of 80 precincts per polling place for equipment other than Model 100/200.	Select a maximum of 80 precincts.
The Straight Party affected contests table exceeds 2500, cannot continue! If your contests are not numbered by 1, renumber by 1 and try again.	Create Tabulator Data Create Final Database	The system believes that there are more than 2500 contests affected by the straight party. This could be caused if the contests are numbered by 50 and the contest numbers exceed 2500.	Renumber contests by 1.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

●Automated Bar Code Reader (ABC) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
There are files on drive "n" The following election files listed below will be deleted! Are you sure you want to continue?	Create Tabulator Data Load Memory Device With Parameters	The user has selected to load the memory stick with parameters. The system will warn the user that the memory stick already contains PCB file do they wish to delete them.	Select No to prevent overwriting the parameters or select Yes to continue loading the memory stick with the new PCB file.
There are no ballot style records!	Modify Election Definition Ballot Styles Change Ballot Styles	There are no ballot style records to display.	Ballot styles need to be defined.
There are no ballot style records!	Modify Election Definition Ballot Styles Change Ballot Styles	There are no ballot style records to display.	Ballot styles need to be defined.
There are no contest records!	Modify Election Definition Contests Change Contests and Candidates	There are no contests to display.	Contests need to be defined.
There are no contest records!	Modify Election Definition Contests Change Contests and Candidates	There are no contests to display.	Contests need to be defined.
There are no contests in this election - aborting!	Modify Election Definition Ballot Styles Add Statistics and Print Only to Ballot Styles	The election does not contain any contests.	Enter valid contests to the election.
There are no district code records!	Modify Election Definition Districts Change District Master	There are no district code records.	To enter district codes go to Set Tabulator Controls Jurisdiction Edit District Codes.
There are no district code records!	Modify Election Definition Districts Change District Master	There are no district code records.	To enter district codes go to Set Tabulator Controls Jurisdiction Edit District Codes.
There are no district records!	Modify Election Definition Districts Change District Master	There are no district records.	Precincts need to be defined.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
There are no district records!	Modify Election Definition Districts Change District Master	There are no district records.	Precincts need to be defined.
There are no polling place records!	Modify Election Definition Polling Places Change Polling Place	There are no polling places to display.	Polling Places need to be defined.
There are no polling place records!	Modify Election Definition Polling Places Change Polling Place	There are no polling places to display.	Polling Places need to be defined.
There are no precinct records!	Modify Election Definition Precincts Change Precinct Master	There are no precincts to display.	Precincts need to be defined.
There are no precinct records!	Modify Election Definition Precincts Change Precinct Master	There are no precincts to display.	Precincts need to be defined.
There are no statistics or print only - aborting!	Modify Election Definition Ballot Styles Add Statistics and Print Only to Ballot Styles	The election does not contain any print only or statistical contests.	Enter print only or statistical contests to the election and retry.
There was an error programming the EPROM.	Create Tabulator Data Load Memory Device With Parameters	An error occurred while attempting to burn the EPROM.	Retry Check cables, power cords and comports Select a different comport
These numbers will be deleted! Do you wish to continue?	Modify Election Definition Contests Renumber Contests	When renumbering contests, precincts and ballot styles, if numbers have been left out of the ranges on the screen, the system will warn the user that these will be deleted.	Select No to prevent losing these contests, precincts or ballot styles.
Through number cannot be zero!	Modify Election Definition Contests Change Straight Party Contests	Zero has been entered as the ending number of a range.	Enter valid contest numbers. Print a contest listing to determine valid numbers.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Through number less than begin number!	Modify Election Definition Contests Change Straight Party Contests	The range beginning value is greater than the ending value.	Enter a valid range. Print a contest listing to determine beginning and ending values.
Too many ballot styles - cannot continue!	Create Tabulator Data Create Final Database	There is a limit of 5600 ballot styles in an election.	Call ES&S Support.
Unable to access OmniDrive	Create Tabulator Data Load Memory Device With Parameters	The system was unable to send and receive communications successfully with the OmniDrive.	Retry Verify the OmniDrive type (USB or Parallel) Verify OmniDrive software installed
Unable to access OmniDrive:OmniDrive USB	Create Tabulator Data Load Memory Device With Parameters	The system was unable to send and receive communications successfully with the OmniDrive.	Retry Verify the OmniDrive type (USB or Parallel) Verify OmniDrive software installed
Unable to access OmniDrive:Omni97	Create Tabulator Data Load Memory Device With Parameters	The system was unable to send and receive communications successfully with the OmniDrive.	Retry Verify the OmniDrive type (USB or Parallel) Verify OmniDrive software installed
Unknown op code - ##### position -##### - Aborting!	Create Tabulator Data Create Tabulator Parameters	Possible corrupt EL80 Files.	Contact ES&S Support.
Unknown op code - ##### position -##### - Aborting!	Create Tabulator Data Create Tabulator Parameters	Possible corrupt EL80 Files.	Contact ES&S Support.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Valid classes are S, E, M, or N	Modify Election Definition Ballot Styles Change Ballot Style Control	Either an invalid character was entered or the Security Class field is blank.	Enter either S, E, M, or N. S = Standard E = Extended M = Mixed N = Non-Conventional See the on-line help or Operators Guide for additional information.
Valid columns are 0 through 3.	Modify Election Definition Contests Change Contests and Candidates	The column entered is invalid.	Valid columns are 0 through 3 based on the ballot columns number entered on the Election Specification screen.
Valid columns are 0 through 5.	Modify Election Definition Contests Change Contests and Candidates	The column entered is invalid.	Valid columns are 0 through 5 based on the ballot columns number entered on the Election Specification screen.
Valid columns are 0 through 6.	Modify Election Definition Contests Change Contests and Candidates	The column entered is invalid.	Valid columns are 0 through 6 based on the ballot columns number entered on the Election Specification screen.
Valid columns are 0 through 7.	Modify Election Definition Contests Change Contests and Candidates	The column entered is invalid.	Valid columns are 0 through 7 based on the ballot columns number entered on the Election Specification screen.
Valid columns for 3Pe are 0 through 7	Modify Election Definition Ballot Styles Change Ballot Style Control	The column entered is invalid.	Valid columns are 0 through 7 based on the ballot columns number entered on the Election Specification screen.
Valid positions are 0 through 16	Modify Election Definition Ballot Styles Change Ballot Style Control	An invalid character or a number greater than 16 has been entered in the Number Positions field.	Enter a valid number.
Valid positions are 0 through 99	Modify Election Definition Ballot Styles Change Ballot Style Control	An invalid character has been entered in the Start Position field.	Enter a valid number.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Warning! Contest ### has no candidates. Click OK to acknowledge.	Create Tabulator Data Create Final Database	The contest number displayed contains no candidates.	All regular contests must contain at least one candidate even if that candidate is a No Candidate Filed. Return to the Contest and Candidate screen and enter at least one candidate or renumber the contest out to remove it from the election.
Warning! Contest #### not on any Ballot Styles. Click OK to acknowledge.	Create Tabulator Data Create Final Database	When creating final database, this message flags any contest on the contest file that does not appear on any ballot style.	Add the contest(s) to their appropriate ballot styles or renumber the contest out to remove it from the election.
Warning! Contest #### not on Cross Reference File. Click OK to acknowledge.	Create Tabulator Data Create Final Database	When creating final database, this message flags any contest on the contest file that does not appear on any ballot style.	Add the contest(s) to their appropriate ballot styles or renumber the contest out to remove it from the election.
Warning! No precinct ballot styles exist. Click OK to acknowledge.	Create Tabulator Data Create Final Database	Final database create has been attempted before creating the Precinct/Ballot Style File.	Return to Modify Election Definition Ballot Styles and execute Create Precinct/Ballot Style File.
Warning: Any previous parameters will be deleted! Do you want to create the parameter file?	Create Tabulator Data Create Tabulator Parameters	When generating parameters for Eagle, if previous parameters exist the system will warn the user that these will be deleted.	Select No to prevent overwriting the parameters or select Yes to continue generating new parameters.
Warning: Final Election Database should be created first!	Create Tabulator Data Create Tabulator Parameters	A change has been made that may result in differences in the parameters.	It is ES&S' recommendation that you select No and recreate final database.
Write failure. Card write protected	Create Tabulator Data Load Memory Device With Parameters	The system was unable to write to the card because it is write protected.	Remove the card and turn off the write protect switch. Retry.
Write failure. Read back error.	Create Tabulator Data Load Memory Device With Parameters	The system was unable to write to the card because it is write protected.	Remove the card and turn off the write protect switch. Retry.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABC) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages (continued)

Error Messages	Function Performed	Possible Cause	User Information
Write failure. Dead battery	Create Tabulator Data Load Memory Device With Parameters	The system was unable to write to the card because of battery issue.	Retry Try replacing the battery as the battery in the card may be dead. Try a different card.
Write failure. Weakbattery.	Create Tabulator Data Load Memory Device With Parameters	The system was unable to write to the card because of battery issue.	Retry Try replacing the battery as the battery in the card may be dead. Try a different card.
You have entered an invalid User ID! HPM will not start.	HPM Main Menu	The user ID entered is invalid.	Retry Verify user ID being entered is valid with HPM system administrator
You have made changes and you are exiting without updating! Are you sure you want to exit with no update?	Login Administrator	User ID logons or privileges have been added/changed and you are about to exist without saving.	Reply to the question at hand.
You may not use _ * . \ or / in election I.D.	Election Create New from Prior Election	An invalid character has been entered in the Election ID field.	Enter valid characters.
You may not use _ * . \ or / in election I.D.	Election Merge Party of Another Election	An invalid character has been entered in the Election ID field.	Enter valid characters.
You may not use _ * . \ or / in election I.D.	Election Create New	An invalid character has been entered in the Election Name or IFC Name if Different fields.	Enter valid characters.
You may not use _ * . \ or / in file name.	Election Create New with Import IFC File selected; Election Import IFC and Election Create IFC	An invalid character has been entered in the Election ID field.	Enter valid characters.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABC) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Error Messages *(continued)*

Error Messages	Function Performed	Possible Cause	User Information
You must select a report to copy!	Utilities Report File Utility	You have selected to copy a report but have failed to select the report you wish to copy.	Select the report you wish to copy.
You must select a report to display!	Utilities Report File Utility	You have selected to display a report but have failed to select the report you wish to display.	Select the report you wish to display.
You must select a report to print!	Utilities Report File Utility	You have selected to print a report but have failed to select the report you wish to print.	Select the report you wish to print.
You must select an entry!	Modify Election Definition Ballot Styles Change Ballot Styles	OK has been selected on the rotation selection screen without first selecting a rotation.	Select a valid rotation for the contest selected. Print a candidate rotation listing to determine valid rotations.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Program Exit Codes

Error codes returned by Cobol Runtime

Error Messages	Description	User Information
0	Normal termination	Call ES&S Technical Support with specific information as to the function you were attempting to perform
249	Internal library subprogram called with incorrect parameters	Call ES&S Technical Support with specific information as to the function you were attempting to perform
250	System initialization error	Call ES&S Technical Support with specific information as to the function you were attempting to perform
251	Incorrect Runtime Command	Call ES&S Technical Support with specific information as to the function you were attempting to perform
252	Program load failure	Call ES&S Technical Support with specific information as to the function you were attempting to perform
253	Program error	Call ES&S Technical Support with specific information as to the function you were attempting to perform
254	Run unit canceled (by pressing the Ctrl and Break keys or the system Interrupt key)	Call ES&S Technical Support with specific information as to the function you were attempting to perform
255	I/O error	Call ES&S Technical Support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Data Reference Errors

Data reference errors include invalid data types, improper data definitions, improper data values and illegal subscripting.

Error Messages	Description	User Information
101	<p>For one of the following reasons, no operand exists corresponding to the referenced Linkage Section item:</p> <ol style="list-style-type: none"> 1. These are more data items specified in the Procedure Division header than are specified in the USING phrase of the CALL statement in the calling program. 2. The Procedure Division header in the first (or main) program in the run unit specifies more than one data item. This is just a special case of reason 1 since the main program is called with only one argument. 3. The CALL statement in the calling program specified OMITTED for the argument corresponding to the Procedure Division header argument for the Linkage Section data item in the called program. <p>Note: This error does not occur if the Linkage section data item is referenced in the ADDRESS OF special register or in the ADDRESS OF phrase in the SET statement. Thus, this error can be prevented by first testing IF ADDRESS OF identifier-1 NOT = NULL before attempting to reference identifier-1 directly.</p>	Call ES&S Technical Support with specific information as to the function you were attempting to perform
102	<p>A reference to a variable length group is illegal because the value in the DEPENDING data item (data-name-1) is less than the minimum value (integer-1) or greater than the maximum value (integer-2) in the OCCURS clause.</p>	Call ES&S Technical Support with specific information as to the function you were attempting to perform
103	<p>An identifier or literal referenced in an INSPECT CONVERTING statement is illegal for one of the following reasons:</p> <ol style="list-style-type: none"> 1. The source translation template (identifier-6 or literal-4) contains multiple occurrences of the same value. 2. The source translation template (identifier-6 or literal-4) does not have the same length as the destination translation template (identifier-7 or literal-5). 3. The destination translation template (literal-5) is figurative and its length is not one. 	Call ES&S Technical Support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABC) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Data Reference Errors

Data reference errors include invalid data types, improper data definitions, improper data values and illegal subscripting.

Error Messages	Description	User Information
104	<p>A reference to a data item is illegal for one of the following reasons:</p> <ol style="list-style-type: none"> 1. The computed composite subscript value for a subscripted reference has a value which is negative, zero or exceeds the maximum value for the referenced item. 2. There is a reference to a Linkage Section data item that is a formal argument whose description specifies more characters than are present in the corresponding operand in the USING or GIVING phrases of the CALL statement that called the current called program. 3. There is a reference to a Linkage Section data item in the first (or main) program in the run unit whose description specifies more characters than are supplied by the A Runtime Command Option. 4. There is a reference to a Linkage Section data item that is a based linkage record whose description specifies more characters than are present in the area of memory covered by the pointer value that was used to set the base address of the record. 5. There is a reference to a Linkage Section data item that is a based linkage record and the offset value for the base address has been set outside the area of memory covered by the address and length fields of the base address. That is, a Format 6 SET statement has set the pointer offset value outside the area of memory covered by the pointer data item. In this case, the error occurs not when the Format 6 SET statement is executed, but when the resultant pointer value is used as the base address of a based linkage record. 	Call ES&S Technical Support with specific information as to the function you were attempting to perform
105	A subscript calculation overflowed or underflowed.	Call ES&S Technical Support with specific information as to the function you were attempting to perform
106	An index-name value indicates more than 65535 occurrences.	Call ES&S Technical Support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABC) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Data Reference Errors

Data reference errors include invalid data types, improper data definitions, improper data values and illegal subscripting.

Error Messages	Description	User Information
107	<p>A reference modification is illegal for one of the following reasons:</p> <ol style="list-style-type: none"> 1. A reference modification offset value is less than or equal to zero, or, when strict reference modification is in effect, is greater than the length of the data item being reference modified. 2. A reference modification length value is less than or equal to zero or, when strict reference modification is in effect, is greater than the remaining length of the data item being reference modified after application of the offset value. <p>Note: Strict reference modification is in effect when the COMPILER-OPTIONS configuration record specifies STRICT-REFERENCE-MODIFICATION = YES at the time the program is compiled.</p>	Call ES&S Technical Support with specific information as to the function you were attempting to perform
108	<p>The referenced Linkage Section data item (which is other than one associated with an argument listed in the USING or GIVING phrases of the Procedure Division header), has a null base address because of one of the following reasons:</p> <ol style="list-style-type: none"> 1. The base address has never been set during this run unit. 2. The base address has been explicitly set to NULL or to a pointer data item with a null value during this run unit. <p>Note: This error does not occur if the Linkage Section data item is referenced in the ADDRESS OF special register or in an ADDRESS OF phrase in a SET statement. Thus, this error can be prevented by first testing IF ADDRESS OF identifier-1 NOT = NULL before attempting to reference identifier-1 directly.</p>	Call ES&S Technical Support with specific information as to the function you were attempting to perform
109	The composite subscript for a data reference exceeds the maximum value possible for the data item referenced.	Call ES&S Technical Support with specific information as to the function you were attempting to perform
110	A reference to a data item is illegal because the base address for the data item has been set to a pointer value, other than NULL, that does not point to memory that the program may access. This error occurs when the based linkage item is referenced after, but not at, the time the bad base address is established in a Format 6 SET statement.	Call ES&S Technical Support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABC) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Procedure Errors

Procedure errors include improper program structure or invalid calls.

Error Messages	Description	User Information
201	(canceling active program) A CANCEL statement has attempted to cancel a program that is still active. That is, a program that has called, directly or indirectly, the program attempting the cancel.	Call ES&S support with specific information as to the function you were attempting to perform
202	(program-name equal spaces) The program-name on a CALL statement has a value that is equal to spaces.	Call ES&S support with specific information as to the function you were attempting to perform
203	(calling library by file-name) The program-name on the Runtime Command or CALL statement does not match any of the PROGRAM-ID names in any library but does match a valid RM/COBOL library object filename. The call-by-filename technique is valid only for single-program object files.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Procedure Errors

Procedure errors include improper program structure or invalid calls.

Error Messages	Description	User Information
204	<p>CALL statement does not match any of the PROGRAM-ID names in any library and does not match a valid RM/COBOL object filename or non-COBOL executable file. Note that an object program with a higher object version number than that supported by the runtime system is not considered a valid program; in this case, error message 233 will also be displayed. When error 204 terminates execution, error messages for any load errors on files considered a candidate for loading because of the RM/COBOL extension search are displayed along with the full pathname of the candidate file.</p> <p>Note: The RM/COBOL extension search continues after a load error and, if a successful load occurs for a given extension, no errors are displayed nor is the ON EXCEPTION path taken for a CALL statement. In contrast, the RM/COBOL directory search (of the current directory and the directories specified in the RUNPATH environment variable value) for any given extension stops at the first file found, if any, in the specified directory search sequence. If the desired file could be found in a later directory in the directory search sequence, the problem must be fixed by deleting the file that will not load, replacing that file with a file that will load successfully, or changing the directory search sequence such that the desired file is found earlier in the sequence of directories.</p> <p>Under Windows, if the CALL statement specified SYSTEM, this error can occur when the external routine SYSTEM was successfully found and loaded, but the command processor required by SYSTEM could not be found. This can occur when the COMSPEC environment variable is not defined or its value contains an invalid drive, path, or filename. This error can also indicate that the length of the parameter passed to SYSTEM exceeds the limits specified in the documentation of SYSTEM</p> <p>Under Windows, if the CALL statement specified a DLL file that does not export either of the special entry points RM_EntryPoints or RM_EnumEntryPoints and does not contain a nonresident ordinal one entry point, this error occurs.</p> <p>Under UNIX and Windows, if a non-COBOL support module specifies a name in the EntryPointName entry of the subprogram name table that is not an exported symbol for the support module, this error occurs. When this is the cause of the error, a message is displayed indicating the unknown symbol. Contact the supplier of the support module for a corrected version of the module (all names are checked on any load of the module, other than a "call-by-filename" load on Windows, so this should not occur except during module development).</p> <p>For UNIX and Windows, this error can indicate problems finding or searching a directory specified in the LIBRARY-PATH keyword of the RUN-OPTION configuration record. In this case, the pathname displayed contains a trailing directory separator character, which is "\\" (on Windows) or "/" (on UNIX). The trailing directory separator character indicates that the directory pathname caused the problem. If this error is caused because of an attempt to load a library found in the directory, the full pathname of the library file itself is displayed, without a trailing directory separator character.</p> <p>If the CALL statement specified the ON EXCEPTION or ON OVERFLOW phrase, this procedure error is suppressed and execution continues with the imperative statement in the ON EXCEPTION or ON OVERFLOW phrase.</p>	<p>Call ES&S support with specific information as to the function you were attempting to perform</p>

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Procedure Errors

Procedure errors include improper program structure or invalid calls.

Error Messages	Description	User Information
205	(calling active program) A CALL statement has attempted to call a program that is still active. An active program is one that has called, directly or indirectly, the program attempting the call in error.	Call ES&S support with specific information as to the function you were attempting to perform
206	(object file not valid) The called filename is not a valid RM/COBOL object file. The file may be corrupt or contain information that makes it invalid for this run unit. A corrupt file could be caused by a system failure or abnormal termination of the RM/COBOL compiler. The file also could be invalid for this run unit if the registration information is not correct or if the object was compiled with features that make it incompatible with the calling program (for example, the computational versions may not match).	Call ES&S support with specific information as to the function you were attempting to perform
207	(insufficient memory for loading) There is not enough memory to load the program from the Runtime Command or the CALL statement, or to build the in-memory library structures indicated in the Runtime Command, or to reserve memory for the ACCEPT and DISPLAY buffers. This may be caused by memory fragmentation resulting from the dynamics of call and cancel operations and file I/O, or it may mean the requested program is too large for the available memory. More memory can be made available during a SORT statement by using the T Runtime Command Option to reduce the memory requested by sort. Additional memory can be made available by reducing the amount of buffer pool memory through the use of the BUFFER-POOL-SIZE keyword on the RUN-FILESATTR configuration record. For details, see memory size requirements for object programs. Under Windows, if the CALL statement specified SYSTEM, this error can occur when there is insufficient memory to load the command processor required by SYSTEM. If the CALL statement specified the ON EXCEPTION or ON OVERFLOW phrase, this procedure error is suppressed and execution continues with the imperative-statement in the ON EXCEPTION or ON OVERFLOW phrase.	Call ES&S support with specific information as to the function you were attempting to perform
208	(compilation error in ALTER statement) The ALTER statement cannot be executed because of an error in the source program. The compilation listing provides the specific reason for the error; for example, an undefined procedure-name, an ambiguous procedure-name reference, an attempt to ALTER a procedure-name that is not alterable, a conflict with segmentation rules, and so forth.	Call ES&S support with specific information as to the function you were attempting to perform
209	(unaltered GO TO statement) The GO TO statement cannot be executed because it does not specify a default procedure-name and it was not altered before attempting execution. The source program may have a compilation error if no ALTER statement specifies the paragraph containing the GO TO statement. However, the source program may compile without error if at least one ALTER statement exists that specifies the paragraph containing the GO TO statement. In the latter case, no such ALTER statement is executed in the logical sequence of statements leading to the execution of the GO TO statement.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Procedure Errors

Procedure errors include improper program structure or invalid calls.

Error Messages	Description	User Information
210	(compilation error in GO TO or PERFORM statement) The GO TO or PERFORM statement cannot be executed because of an error in the source program. The compilation listing provides the specific reason for the error; for example, an undefined procedure-name, an ambiguous procedure-name reference, a conflict with segmentation rules, and so forth.	Call ES&S support with specific information as to the function you were attempting to perform
211	(general compilation error in source program) An "E" level compilation error has been encountered.	Call ES&S support with specific information as to the function you were attempting to perform
212	(SORT/MERGE USE procedure error) The USE procedure cannot exit because it was invoked by the execution of a SORT or MERGE statement, and the sort-merge operation is either no longer active or the exit location has been lost.	Call ES&S support with specific information as to the function you were attempting to perform
213	(library not found) The RM/COBOL object library file specified in the Runtime Command cannot be found.	Call ES&S support with specific information as to the function you were attempting to perform
214	(library not valid) The RM/COBOL object library file specified in the Runtime Command does not contain a valid object program.	Call ES&S support with specific information as to the function you were attempting to perform
215	(segmentation error for PERFORM statement) A PERFORM statement in an independent segment has performed a section or paragraph in a fixed segment that performed a section or paragraph in a different independent segment.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Procedure Errors

Procedure errors include improper program structure or invalid calls.

Error Messages	Description	User Information
216	and type (data record, file connector or index name) as an existing external item in the run unit has a different description than the existing external item. For an external data record, the length of the record is different. For an index-name, the span of the table item associated with the index name is different, or the index-name is associated with a different external record. For a file connector, any of the file control clauses, file description clauses or record description lengths are different. For a relative organization external file connector, this error is caused if the new external does not reference the same external data item for the relative key as is referenced by the existing external file connector.	Call ES&S support with specific information as to the function you were attempting to perform
217	(mismatched EXTERNAL file) An external file connector is invalid since it indicates a SAME AREA or MULTIPLE FILE TAPE association. Typically, the compiler prevents this error from occurring by diagnosing the problem at compile time.	Call ES&S support with specific information as to the function you were attempting to perform
218	(insufficient memory for EXTERNAL data item or file) There is not enough memory to allocate the data structures necessary to support an external item declared in the program currently being loaded.	Call ES&S support with specific information as to the function you were attempting to perform
219	(insufficient memory for USE GLOBAL procedure) There is not enough memory to allocate the data structures necessary to support entry into a USE GLOBAL procedure following the occurrence of an I/O error for which the USE GLOBAL procedure is applicable. The program is terminated as if no applicable USE procedure were found.	Call ES&S support with specific information as to the function you were attempting to perform
222	was called but the command processor required by SYSTEM could not be loaded for some unexpected reason, such as, bad environment, access denied, too many open files, or bad format for the command processor. If the command processor could not be found, error 204 would occur instead of this error. If there were insufficient memory, procedure error 207 would occur instead of this error. If the operating system fails to load the command processor for any other reasons, then this error occurs. If the CALL statement specified the ON EXCEPTION or ON OVERFLOW phrase, this procedure error is suppressed and execution continues with the imperative-statement in the ON EXCEPTION or ON OVERFLOW phrase.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Procedure Errors

Procedure errors include improper program structure or invalid calls.

Error Messages	Description	User Information
223	<p>(non-COBOL library load failure) Under Windows, an error occurred while loading a DLL file. If the DLL file could not be found, error 204 would occur instead of this error. If there were insufficient memory, procedure error 207 would occur instead of this error. If the operating system fails to load the DLL for any other reasons, then this error occurs. This error generally indicates that the DLL was found, but has an invalid format for the operating system being used. Some “system out of memory” conditions may cause an error 223, since Windows returns an ambiguous error status in some low memory situations.</p> <p>Under UNIX and Windows, an optional support module was unable to complete initialization successfully. Contact the provider of the failing support module if the information provided is not sufficient to resolve the problem.</p> <p>If the CALL statement specified either the ON EXCEPTION or ON OVERFLOW phrase, this procedure error is suppressed and execution continues with the imperative-statement in the ON EXCEPTION or ON OVERFLOW phrase.</p>	Call ES&S support with specific information as to the function you were attempting to perform
225	<p>RM/COBOL object program could not be successfully read or the contents of the header record are not valid. This error can occur for the header records of nested programs as well as separately compiled programs, including second or later separately compiled programs in a library of object programs. This error indicates that the file is not a valid RM/COBOL object file. The file may be a valid non-COBOL file (DLL or shared object), in which case this error will be ignored and the non-COBOL file will be loaded. Other possibilities are that the object file was corrupted or the load was attempted on a file that was never an object file, such as a text file having a name that matches a filename that RM/COBOL uses in its normal load search sequence. If the search sequence completes without finding a valid loadable file, this error will precede the error indicating that the search was unsuccessful, such as a procedure error 204 or 214.</p>	Call ES&S support with specific information as to the function you were attempting to perform
226	<p>(incorrect program descriptor size) The object header record for an RM/COBOL object program specifies a program descriptor size that is not valid for the object version specified in the header record. This error is a special case of error 225 in that it indicates the header record is not valid, but provides the specific reason to aid in determining the cause of the problem.</p>	Call ES&S support with specific information as to the function you were attempting to perform
227	<p>(expired object) The RM/COBOL object program was produced by a compiler that has expired. The source program needs to be re-compiled with a non-expired compiler. (Currently, objects expire only when they are produced by compilers licensed for evaluation or educational purposes. If the evaluation or educational license is updated to a normal license, recompiling objects previously produced by the evaluation compiler is necessary.)</p>	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Procedure Errors

Procedure errors include improper program structure or invalid calls.

Error Messages	Description	User Information
228	(runtime license ID mismatch) The RM/COBOL object program was produced by a compiler licensed for evaluation or educational purposes and is being run with a runtime also licensed for evaluation or educational purposes, but with a different license identifier. Evaluation or educational runtimes can run evaluation or educational objects only when the same development system (matching license identifier) is used. Notes · Evaluation runtimes can run any non-evaluation object (such as the utility program objects shipped in an evaluation licensed system). Also, un-expired evaluation objects can be run by any non-evaluation runtimes. · Educational runtimes can run any non-educational object (such as the utility program objects shipped in an educational licensed system). However, un-expired educational objects can be run only by the matching license ID educational runtime.	Call ES&S support with specific information as to the function you were attempting to perform
229	(library defines no valid program-names) A non-COBOL library does not specify any valid program-names that can be called from COBOL. Thus, the library is essentially empty and should not be specified as part of a run unit.	Call ES&S support with specific information as to the function you were attempting to perform
230	(program size is zero) The RM/COBOL object program has zero size and thus cannot be a valid RM/COBOL object program. This error is a special case of error 225 in that it indicates the object header record is not valid, but provides the specific reason to aid in determining the cause of the problem.	Call ES&S support with specific information as to the function you were attempting to perform
231	(library TOC not valid) The table of contents for an RM/COBOL object library could not be successfully read or is logically inconsistent. The file may be corrupted or may not be an RM/COBOL object library (see error 225 for further information).	Call ES&S support with specific information as to the function you were attempting to perform
232	(unknown load entry type) The RM/COBOL object program has a load entry type that is not supported by the runtime being used to run the program. This error is a special case of error 225 in that it indicates the object header record is not valid, but provides the specific reason to aid in determining the cause of the problem.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABC) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Procedure Errors

Procedure errors include improper program structure or invalid calls.

Error Messages	Description	User Information
233	(unsupported object version) An RM/COBOL object program being loaded has an object version or object flags that are not supported by the runtime being used to run the program. This normally means that the runtime is not a recent enough version to run the specific program file indicated in the pathname displayed with this message. However, it could also indicate that the object file has been corrupted, although this is unlikely since the file has already passed several other tests that would have produced a different error, such as procedure error 225. Note: Non-educational runtimes produce error 233 if an attempt is made to run an educational object program.	Call ES&S support with specific information as to the function you were attempting to perform
234	(no object file found) The main program or a called subprogram name could not be found in any loaded library. The RM/COBOL runtime system, therefore, searched for an object file to satisfy the request. This search for an object file did not find any candidate files for loading.	Call ES&S support with specific information as to the function you were attempting to perform
235	(restricted object) An attempt to load an RM/COBOL object file failed because the object is restricted to running with a particular type of runtime or runtime license. For example, an object file compiled with a compiler licensed only for producing BIS object files cannot be run with a non-BIS runtime and an attempt to run that object with a non-BIS runtime will fail with this message.	Call ES&S support with specific information as to the function you were attempting to perform
251	(termcap entry syntax) Under UNIX, a syntax error was detected while scanning the termcap entry for a terminal type.	Call ES&S support with specific information as to the function you were attempting to perform
252	(terminal type name unknown) Under UNIX, the terminal type name specified by the TERM environment variable or by the termcap entry tc cannot be located.	Call ES&S support with specific information as to the function you were attempting to perform
253	(terminal entry table overflow) Under UNIX, an internal table overflowed while processing a termcap or terminfo entry. The entry is too complex and its size should be reduced.	Call ES&S support with specific information as to the function you were attempting to perform
254	(duplicate terminal input sequences) Under UNIX, two termcap or terminfo entries have identical input sequences for this terminal. To indicate that one entry takes precedence over another, use the PRECEDENCE keyword.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABC) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Procedure Errors

Procedure errors include improper program structure or invalid calls.

Error Messages	Description	User Information
255	(terminal does not support positioning) Under UNIX, the terminal described in the termcap or terminfo entry has no cursor positioning sequence, or the rows or columns for the terminal are zero.	Call ES&S support with specific information as to the function you were attempting to perform
256	(terminal unit undefined) Under UNIX, the unit number specified in an ACCEPT or DISPLAY statement has not been defined using a TERMUNIT configuration record.	Call ES&S support with specific information as to the function you were attempting to perform
257	(non-COBOL dynamic load not supported by OS) Under UNIX, an attempted dynamic load of a machine language subprogram or library failed because dynamic load is not supported by your operating system.	Call ES&S support with specific information as to the function you were attempting to perform
258	(insufficient memory for pattern matching) There is not enough memory to match the pattern regular expression in a LIKE condition to the subject string. This occurs because there are too many possible match states to consider. For example, the pattern “((a{1,10}){1,10}){1,10}” when matching a string of 30 consecutive “a” characters will cause this error.	Call ES&S support with specific information as to the function you were attempting to perform
299	(instrumentation) An attempt to use Instrumentation on a run unit failed because a program in the run unit contains more than 65535 source lines or there was insufficient memory to allocate the data collection structure for a program in the run unit.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
0	The operation was successful.	Call ES&S support with specific information as to the function you were attempting to perform
2	The operation was successful but a duplicate key was detected. For a READ statement, the key value for the current key of reference is equal to the value of that same key in the next logical record within the current key of reference. For a REWRITE or WRITE statement, the record just written created a duplicate key value for at least one alternate record key for which duplicates are allowed.	Call ES&S support with specific information as to the function you were attempting to perform
04, 05	The record read from the file is shorter than the minimum record length. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
04, 06	The record read from the file is longer than the record area. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
5	The operation was successful but the file was not present at the time the statement began. For a DELETE FILE statement, the file was not found. For an OPEN statement, the optional file was not found. If the open mode is I-O or EXTEND, the file has been created. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
7	The operation was successful. If the operation was a CLOSE statement with a NO REWIND, REEL, UNIT or FOR REMOVAL clause, or if the operation was an OPEN statement with the NO REWIND clause, the file is not on a unit or reel medium. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
10	A sequential READ statement was attempted and no next (or previous) logical record exists in the file because the end (or beginning) of file was reached, or a sequential READ statement was attempted for the first time on an optional input file that is not present.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
14	A sequential READ statement was attempted for a relative file and the number of significant digits in the relative record number is larger than the size of the relative key data item. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
21	A sequence error exists for a sequentially or dynamically accessed indexed file using duplicate prime keys. For a REWRITE statement, the prime record key was changed by the program between the execution of the preceding READ statement for the file and the execution of the REWRITE statement. Or, for a WRITE statement, the ascending sequence requirements for successive record key values were violated.	Call ES&S support with specific information as to the function you were attempting to perform
22	For an indexed file, the new record value attempts to duplicate an indexed file key that prohibits duplicates. For a relative file, the relative key data item duplicates a relative record number that already exists.	Call ES&S support with specific information as to the function you were attempting to perform
23	An attempt was made to randomly access a record that does not exist in the file, or a START or random READ statement was attempted on an optional input file that is not present. For a relative file, this means the relative key data item contains a value that is less than one, refers to a deleted record, or is greater than the highest relative record number existing in the file. For an indexed file, this means the specified value of the record or alternate record key does not refer to a record existing in the file.	Call ES&S support with specific information as to the function you were attempting to perform
23,01	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern class character range cannot include a multicharacter escape. This value corresponds to compiler message 682.	Call ES&S support with specific information as to the function you were attempting to perform
23,02	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern class character range cannot be a hyphen '-' except at the beginning or end of a positive character group. This value corresponds to compiler message 683.	Call ES&S support with specific information as to the function you were attempting to perform
23,03	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern class character range cannot be an opening bracket '['. This value corresponds to compiler message 684.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
23,04	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern class character range cannot specify a decreasing range. This value corresponds to compiler message 685.	Call ES&S support with specific information as to the function you were attempting to perform
23,05	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern character class subtraction cannot be followed by an additional class specification. This value corresponds to compiler message 686.	Call ES&S support with specific information as to the function you were attempting to perform
23,06	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern escape sequence (initiated by '\') is not valid. This value corresponds to compiler message 687.	Call ES&S support with specific information as to the function you were attempting to perform
23,07	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value that requires more memory than is available for pattern compilation. This value corresponds to compiler message 688.	Call ES&S support with specific information as to the function you were attempting to perform
23,08	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern quantifier opened with an opening brace '{' is missing the closing brace '}'. This value corresponds to compiler message 689.	Call ES&S support with specific information as to the function you were attempting to perform
23,09	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern character class expression is missing the closing bracket ']'. This value corresponds to compiler message 690.	Call ES&S support with specific information as to the function you were attempting to perform
23,10	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern parenthesized subexpression is missing the closing parenthesis ')'. This value corresponds to compiler message 691.	Call ES&S support with specific information as to the function you were attempting to perform
23,11	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern category escape '\p{' or '\P{' is missing the closing brace '}'. This value corresponds to compiler message 692.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
23,12	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern category escape '\p{' or '\P{' is missing the opening brace '{'. This value corresponds to compiler message 693.	Call ES&S support with specific information as to the function you were attempting to perform
23,13	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern category escape '\p{' or '\P{' contains an unknown category specification. This value corresponds to compiler message 694.	Call ES&S support with specific information as to the function you were attempting to perform
23,14	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern quantifier maximum count is less than the minimum count. This value corresponds to compiler message 695.	Call ES&S support with specific information as to the function you were attempting to perform
23,15	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern quantifier maximum count is missing; at least one decimal digit was expected. This value corresponds to compiler message 696.	Call ES&S support with specific information as to the function you were attempting to perform
23,16	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern quantifier maximum count is too large (> 65535). This value corresponds to compiler message 697.	Call ES&S support with specific information as to the function you were attempting to perform
23,17	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern quantifier minimum count is missing; at least one decimal digit was expected. This value corresponds to compiler message 698.	Call ES&S support with specific information as to the function you were attempting to perform
23,18	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: A pattern quantifier minimum count is too large (> 65535). This value corresponds to compiler message 699.	Call ES&S support with specific information as to the function you were attempting to perform
23,19	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: The pattern contains an unexpected closing brace '}'. This value corresponds to compiler message 700.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
23,20	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: The pattern contains an unexpected closing bracket ']'. This value corresponds to compiler message 701.	Call ES&S support with specific information as to the function you were attempting to perform
23,21	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: The pattern contains an unexpected closing parenthesis ')'. This value corresponds to compiler message 702.	Call ES&S support with specific information as to the function you were attempting to perform
23,22	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: The pattern contains an unexpected quantifier '**' that is not preceded by a valid atom. This value corresponds to compiler message 703.	Call ES&S support with specific information as to the function you were attempting to perform
23,23	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: The pattern contains an unexpected quantifier '+' that is not preceded by a valid atom. This value corresponds to compiler message 704.	Call ES&S support with specific information as to the function you were attempting to perform
23,24	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: The pattern contains an unexpected quantifier '?' that is not preceded by a valid atom. This value corresponds to compiler message 705.	Call ES&S support with specific information as to the function you were attempting to perform
23,25	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: The pattern contains an unexpected quantifier '{' that is not preceded by a valid atom. This value corresponds to compiler message 706.	Call ES&S support with specific information as to the function you were attempting to perform
23,26	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern data item that has a value with a syntax error: The pattern is too large or complex to compile. This value corresponds to compiler message 707.	Call ES&S support with specific information as to the function you were attempting to perform
23,27	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a pattern pointer data item that does not point to a valid compiled pattern.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
23,28	An attempt was made to execute a START statement with a WHILE phrase and the LIKE condition specifies a compiled pattern that contains an unrecognized pattern matching instruction code; the compiled pattern is not valid. This can mean that the compiled pattern data item was not properly initialized or was corrupted by an unintended store into the pattern data item after initialization.	Call ES&S support with specific information as to the function you were attempting to perform
24	There is insufficient disk space for the operation on a relative or indexed file.	Call ES&S support with specific information as to the function you were attempting to perform
24,01	A sequential WRITE statement was attempted for a relative file and the number of significant digits in the relative record number is larger than the size of the relative key data item, or for a random WRITE statement the relative key data item contains a value that is less than one. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
24,02	There is insufficient room left in the file for the operation. For more details, see the descriptions of the FILE-LOCK-LIMIT and FILE-PROCESS-COUNT keywords of the RUN-FILESATTR configuration record. This error may occur when attempting to delete a record from an indexed file if enough free blocks cannot be made available to split an index block. Running the Indexed File Recovery (recover1) utility on the file could consolidate enough index blocks to allow continued use of the file. This error may occur on UNIX systems if the file's size exceeds the user's ulimit.	Call ES&S support with specific information as to the function you were attempting to perform
24,03	An attempt was made to add the 4294967296th record to an indexed file. The maximum number of records allowed in an indexed file is 4294967295.	Call ES&S support with specific information as to the function you were attempting to perform
24,04	An attempt was made to add a record to a shared relative file that is so far beyond the current EOF that the entire intervening region exceeds the maximum size of a file region lock.	Call ES&S support with specific information as to the function you were attempting to perform
30,05	RM/COBOL returned a permanent error in this 30, OS error code format. OS indicates the operating system that is the source of the error code. Using the eleven-character data item on the C\$RERR subprogram will allow permanent errors to include the OS error code. For example, 30,06,00058 is Btrieve error 58. A Procedure Division statement that explicitly or implicitly causes an overlay segment to be loaded may receive this error if the RM/COBOL object file cannot be read when the statement is executed.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
30,25	This permanent error may be returned for Btrieve files. It indicates that an error occurred during the creation of the file. It may also mean that the file was already opened during the creation. If the file did not exist at the time the Btrieve Adapter program checked for the existence of the file but did exist at the time of the attempt to create it, then the Btrieve Adapter program will misinterpret the error as an I/O error and return the permanent error code.	Call ES&S support with specific information as to the function you were attempting to perform
30,58	The Btrieve compression size is too small. Use the appropriate Btrieve Setup utility to increase the size for the Largest Compressed Record Size setting (see the appropriate Btrieve installation and operation manual for more details). The Btrieve MicroKernel Database Engine (MKDE) must be restarted before the increase will take effect.	Call ES&S support with specific information as to the function you were attempting to perform
30,64	End of file occurred when ACCEPTing from a redirected input file	Call ES&S support with specific information as to the function you were attempting to perform
30,97	The Btrieve requester's data message length is too small. Reconfigure the requester and specify a higher value. Be certain also to ensure that the maximum record length (Communication Buffer Size), configured on server-based Btrieve, is at least as large as the requester's value (see the appropriate Btrieve installation and operation manual for more details)	Call ES&S support with specific information as to the function you were attempting to perform
34	There is insufficient disk space for the operation on a sequential file.	Call ES&S support with specific information as to the function you were attempting to perform
34,02	There is insufficient room left in the file for the operation. For more details, see the descriptions of the FILE-LOCK-LIMIT and FILE-PROCESS-COUNT keywords of the RUN-FILESATTR configuration record.	Call ES&S support with specific information as to the function you were attempting to perform
35	The file is not available because the file identified by the resultant file access name could not be found. The pathname or filename may be misspelled or may not be valid for the operating system. Specifying a pathname or filename that is not a valid name or that is longer than allowed also results in this error. The directory search sequence specified by the RUNPATH environment variable may be incorrect. For information on the resultant file access name, see Locating RM/COBOL Files on UNIX or Locating RM/COBOL Files on Windows. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABC) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
37,01	The file must be mass storage. The device-name specified for the file was DISC, DISK or RANDOM, but the resultant file access name identifies a file that does not reside on a disk. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
37,07	The requested operation conflicts with the permissions allowed to the run unit for the file. This error can occur under any of the following conditions: a DELETE FILE statement failed because the run unit did not have write permission for the directory containing the file; an OPEN statement with the OUTPUT or EXTEND phrase failed because the run unit does not have write permission for the file; an OPEN statement with the INPUT phrase failed because the run unit does not have read permission for the file; an OPEN statement with the I-O phrase failed because the run unit does not have read and write permissions for the file; or, for an indexed file, an OPEN I-O failed due to future file version attributes that allow the file to be read but not written. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
38	An OPEN or DELETE FILE operation failed because the filename was previously closed WITH LOCK. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
39,01	The file organization specified for the filename does not match the actual file organization of the physical file. (1985 mode) This message may not occur if the file is actually a Btrieve file. The Btrieve MicroKernel Database Engine (MKDE) always opens its files with lock, and the OPEN WITH LOCK error condition is encountered by the RM/COBOL file management system, preventing it from determining the organization of the file.	Call ES&S support with specific information as to the function you were attempting to perform
39,02	The minimum record length specified in the RECORD CONTAINS clause or implied by the record descriptions of the filename does not match the actual minimum record length of the physical file. (1985 mode) For Btrieve files, if the minimum record length of the file is less than four bytes, the file will be implemented using four-byte records. In this situation, the Btrieve Adapter program cannot detect the initial minimum record length and will fail to diagnose the mismatched minimum record length error condition.	Call ES&S support with specific information as to the function you were attempting to perform
39,03	The maximum record length specified in the RECORD CONTAINS clause or implied by the record descriptions of the filename does not match the actual maximum record length of the physical file. (1985 mode) This error can occur when reopening a print file closed WITH NO REWIND if the OPEN statement specifies a different record length than was used on the previous OPEN statement. This error does not occur with variable-length record Btrieve files. Btrieve files do not support a mechanism to record this information and, thus, it cannot be verified.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
39,04	The minimum block length specified in the BLOCK CONTAINS clause for the filename does not match the actual minimum block size of the physical file. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
39,05	The maximum block length specified in the BLOCK CONTAINS clause for the filename does not match the actual maximum block size of the physical file. (1985 mode) This error does not occur with variable-length record Btrieve files. Btrieve files do not support a mechanism to record this information and, thus, it cannot be verified.	Call ES&S support with specific information as to the function you were attempting to perform
39,06	The record delimiting technique, LINE-SEQUENTIAL or BINARYSEQUENTIAL, specified for the filename does not match the actual record delimiting technique of the physical file. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
39,07	The code-set specified in the CODE-SET clause for the filename does not match the actual character code of the physical file. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
39,08	The collating sequence specified in the COLLATING SEQUENCE clause for the indexed file does not match the actual collating sequence of the physical file. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
39,09	The record type attribute, fixed or variable, specified in the RECORD CONTAINS clause or implied by the record descriptions of the filename does not match the record type attribute of the physical file. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
39,0A	The character specified in the PADDING CHARACTER clause for the filename does not match the actual padding character of the file on the external medium. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
39,30 through 39,3E	<p>The key duplicates allowed flag specified for keys 0 through 14 does not match the corresponding key duplicates allowed flag of the physical file. The prime record key is 0. Alternate record keys are numbered in ascending order of key offset, starting with 1. (1985 mode)</p> <p>For Btrieve files, this error also indicates that in the physical file, a key attribute other than duplicate, modifiable, binary, null, alternate collating sequence, or extended type was specified for the Btrieve key that corresponds with the COBOL key defined for the key offset. (For example, descending, supplemental, and manual key attributes may not be used for RM/COBOL keys.) In addition, the primary key may not have a null attribute.</p> <p>Btrieve allows multiple keys to be defined at the same key offset, but only the first is considered by the Btrieve Adapter program.</p>	Call ES&S support with specific information as to the function you were attempting to perform
39,3F	<p>The key duplicates allowed flag specified for an alternate record key 15 through 254 does not match the corresponding key duplicates allowed flag of the physical file. (1985 mode)</p> <p>For Btrieve files, this error also indicates that in the physical file, a key attribute other than duplicate, modifiable, binary, null, alternate collating sequence or extended type was specified for the Btrieve key that corresponds with the COBOL key defined for the key offset. (For example, descending, supplemental and manual key attributes may not be used for RM/COBOL keys.)</p> <p>Btrieve allows multiple keys to be defined at the same key offset, but only the first is considered by the Btrieve Adapter program.</p>	Call ES&S support with specific information as to the function you were attempting to perform
39,40 through 39,4E	<p>The offset from the start of the record area to the start of the key area for keys 0 through 14 does not match the corresponding key offset of the physical file. The prime record key is 0. Alternate record keys are numbered in ascending order of key offset, starting with 1. (1985 mode)</p>	Call ES&S support with specific information as to the function you were attempting to perform
39,4F	<p>The offset from the start of the record area to the start of the key area for an alternate key 15 through 254 does not match the corresponding key offset of the physical file. (1985 mode)</p>	Call ES&S support with specific information as to the function you were attempting to perform
39,50 through 39,5E	<p>The length of the key area for keys 0 through 14 does not match the corresponding key length of the physical file. The prime record key is key 0. Alternate record keys are numbered in ascending order of key offset, starting with 1. (1985 mode)</p> <p>This error also occurs if the number of keys specified does not match the actual number of keys in the physical file. The key number 1 through E, if greater than the number of keys in the file description, indicates that the file contains more keys than the program describes. The key number 1 through E, if less than or equal to the number of keys in the file description, provides a value one greater than the number of keys contained in the file. (1985 mode)</p>	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
39,5F	The length of the key area for an alternate key 15 through 254 does not match the corresponding key offset of the physical file. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
39,60	The number of segments for keys 0 through 14 does not match the corresponding key number of segments of the physical file. The prime record key is 0. Alternate record keys are numbered in ascending order of key offset, starting with 1. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
39,6F	The number of segments for an alternate key 15 through 254 does not match the corresponding key number of segments of the physical file. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
41,01	A duplicate open was rejected by a system that does not allow the physical file to be opened twice. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
41,02	A duplicate open was rejected by a system that does not allow the COBOL filename to be opened twice. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
41,03	A DELETE FILE was rejected because the file was open. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
42	A CLOSE or UNLOCK operation was attempted on an unopened file. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
43	A DELETE or REWRITE operation was attempted on a file declared to be ACCESS MODE SEQUENTIAL or on an indexed file declared to be ACCESS MODE DYNAMIC that specifies a prime key that allows duplicate values, and the last operation on the file was not a successful READ operation. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
44,03	The length of the record area specified in the WRITE, REWRITE or RELEASE statement is less than the minimum record length of the file. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
44,04	The length of the record area specified in the WRITE, REWRITE, or RELEASE statement is greater than the maximum record length of the file. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
44,07	A REWRITE statement attempted to change the length of a record in a sequential organization file. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
46	No file position is currently defined. A sequential READ operation was attempted, but the last READ or START operation was unsuccessful or returned an at end condition. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
46,02	The position was lost. (1985 mode) For Btrieve files, A READ NEXT operation was attempted and could not be completed because the Btrieve MicroKernel Database Engine (MKDE) position was lost due to the current record (and surrounding records) being deleted by programs at other computers.	Call ES&S support with specific information as to the function you were attempting to perform
47,01	The requested operation conflicts with the open mode of the file. A START or READ operation was attempted on a file that is not open in the INPUT or I-O mode. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
47,02	A READ or START operation was attempted on an unopened file. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
48,01	The requested operation conflicts with the open mode of the file. This error can occur under the following conditions: a WRITE operation was attempted on a file that is not open in the EXTEND, I-O, or OUTPUT mode; or, a WRITE operation was attempted on a file in the sequential access mode that is open in the I-O mode. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
48,02	A WRITE operation was attempted on an unopened file. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
49,01	The requested operation conflicts with the open mode of the file. A DELETE or REWRITE operation was attempted on a file that is not open in the I-O mode. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
49,02	A DELETE or REWRITE operation was attempted on an unopened file. (1985 mode)	Call ES&S support with specific information as to the function you were attempting to perform
90	An unrecognizable message has been received by the Btrieve Adapter program from the RM/COBOL file management system. This error also indicates that an invalid request has been made to the RM/COBOL file management system or some other external access method. This may be caused by an internal error or when communicating to an earlier version of RM/InfoExpress.	Call ES&S support with specific information as to the function you were attempting to perform
90,01	The requested operation conflicts with the open mode of the file. This error can occur under the following conditions: a READ or START operation was attempted on a file that is not open in the INPUT or I-O mode; a WRITE operation was attempted on a file that is not open in the EXTEND, I-O, or OUTPUT mode or a WRITE operation was attempted on a file in the sequential access mode that is open in the I-O mode; or, a DELETE or REWRITE operation was attempted on a file that is not open in the I-O mode. (1974 mode)	Call ES&S support with specific information as to the function you were attempting to perform
90,02	A DELETE or REWRITE operation was attempted on a file declared to be ACCESS MODE SEQUENTIAL, and the last operation on the file was not a successful READ operation. (1974 mode)	Call ES&S support with specific information as to the function you were attempting to perform
90,03	The requested operation conflicts with the media type. This error can occur under the following conditions: a READ or OPEN INPUT operation was attempted on a file with a device-name of OUTPUT, PRINT or PRINTER; a WRITE, OPEN OUTPUT or EXTEND operation was attempted on a file with a device-name of CARD-READER or INPUT; or a DELETE, REWRITE, START or OPEN I-O operation was attempted on a file with a device-name other than DISC, DISK or RANDOM.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
90,04	The requested operation conflicts with the defined organization. A DELETE or START operation was attempted on an ORGANIZATION SEQUENTIAL file.	Call ES&S support with specific information as to the function you were attempting to perform
90,05	A file truncate operation conflicts with other users. An OPEN OUTPUT operation was attempted on a physical file that is currently in an open mode for another file connector of this run unit or a file connector of another run unit that shares the file. On Btrieve files, Error 90, 05 also indicates that an I/O error occurred on the creation of the file. (If the file already existed and the Btrieve MicroKernel Database Engine (MKDE) returned a Create I/O Error, 25, then the Btrieve Adapter program will misinterpret the error as truncation conflict because the Btrieve MKDE uses this error for both conditions.)	Call ES&S support with specific information as to the function you were attempting to perform
90,06	The file access name specified in the OPEN statement indicates that the file is accessed through an external access method and the external access method refused to accept the request by the RM/COBOL file management system to establish a session. This error also indicates that the RM/COBOL file management system refused one of the configuration parameters passed to it. The runtime system validates all the configuration parameters of the RM/COBOL file management system; however, if there is insufficient memory to create a buffer pool of the requested size, this will not be detected until later. Reducing the size of the buffer pool may resolve the problem.	Call ES&S support with specific information as to the function you were attempting to perform
93,03	An OPEN or DELETE FILE operation failed because the filename was previously closed WITH LOCK. (1974 mode)	Call ES&S support with specific information as to the function you were attempting to perform
93,04	The file could not be opened because another file in the same SAME AREA clause is currently open.	Call ES&S support with specific information as to the function you were attempting to perform
93,05	The file could not be opened because another file in the same MULTIPLE FILE TAPE clause is already open.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
93,06	The file could not be created because a file with the same name already exists.	Call ES&S support with specific information as to the function you were attempting to perform
93,07	The file could not be opened because a lock table for the requested open mode was full. For more information, see the FILE-PROCESS-COUNT keyword of the RUN-FILES-ATTR configuration record.	Call ES&S support with specific information as to the function you were attempting to perform
94,01	The file organization specified for the filename does not match the actual file organization of the physical file. (1974 mode) This message may not occur if the file is actually a Btrieve file. The Btrieve MicroKernel Database Engine (MKDE) always opens its files WITH LOCK, and the OPEN WITH LOCK error condition will be encountered by the RM/COBOL file management system, preventing it from determining the organization of the file.	Call ES&S support with specific information as to the function you were attempting to perform
94,02	The minimum record length specified in the RECORD CONTAINS clause or implied by the record descriptions of the filename does not match the actual minimum record length of the physical file. (1974 mode) For Btrieve files, if the minimum record length of the file is less than four bytes, the file will be implemented using four-byte records. In this situation, the Btrieve Adapter program cannot detect the initial minimum record length and will fail to diagnose the mismatched minimum record length error condition.	Call ES&S support with specific information as to the function you were attempting to perform
94,03	The maximum record length specified in the RECORD CONTAINS clause or implied by the record descriptions of the filename does not match the actual maximum record length of the physical file. (1974 mode) This error can occur when reopening a print file closed WITH NO REWIND if the OPEN statement specifies a different record length than was used on the previous OPEN statement. This error will not occur with variable-length record Btrieve files. Btrieve files do not support a mechanism to record this information and, thus, it cannot be verified.	Call ES&S support with specific information as to the function you were attempting to perform
94,04	The minimum block length specified in the BLOCK CONTAINS clause for the filename does not match the actual minimum block size of the physical file. (1974 mode)	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
94,05	The maximum block length specified in the BLOCK CONTAINS clause for the filename does not match the actual maximum block size of the physical file. (1974 mode) This error will not occur with variable-length record Btrieve files. Btrieve files do not support a mechanism to record this information and, thus, it cannot be verified.	Call ES&S support with specific information as to the function you were attempting to perform
94,06	The record delimiting technique, LINE-SEQUENTIAL or BINARYSEQUENTIAL, specified for the filename does not match the actual record delimiting technique of the physical file. (1974 mode)	Call ES&S support with specific information as to the function you were attempting to perform
94,07	The code-set specified in the CODE-SET clause for the filename does not match the actual character code of the physical file. (1974 mode)	Call ES&S support with specific information as to the function you were attempting to perform
94,08	The collating sequence specified in the COLLATING SEQUENCE clause for the indexed file does not match the actual collating sequence of the physical file. (1974 mode)	Call ES&S support with specific information as to the function you were attempting to perform
94,09	The record type attribute, fixed or variable, specified in the RECORD CONTAINS clause or implied by the record descriptions of the filename does not match the record type attribute of the physical file. (1974 mode)	Call ES&S support with specific information as to the function you were attempting to perform
94,21	The file organization specified is invalid or unsupported, or the requested open operation is illegal on the specified organization.	Call ES&S support with specific information as to the function you were attempting to perform
94,22	The minimum record length is invalid. The minimum record length specified in the RECORD CONTAINS clause for the filename exceeds the maximum record length.	Call ES&S support with specific information as to the function you were attempting to perform
94,23	The maximum record length is invalid. The maximum record length specified in the RECORD CONTAINS clause of the filename exceeds 65280, or the indexed records are not compressed and the maximum record length exceeds the block size.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
94,24	The minimum block size is invalid. The minimum block size specified in the BLOCK CONTAINS clause of the filename exceeds the maximum block size	Call ES&S support with specific information as to the function you were attempting to perform
94,25	<p>in the BLOCK CONTAINS clause of the filename is too large. The method of computing the block size and the limitations on the block size for each organization are described in sequential files, relative files, and indexed files.</p> <p>For indexed organization files, the computed block size is also a function of the maximum record size. In general, if the BLOCK CONTAINS clause is omitted, the runtime system defaults to the valid block size that is a multiple of the disk sector size. For files with a very large record size, specifying BLOCK CONTAINS 1 RECORDS yields the minimum possible block size.</p>	Call ES&S support with specific information as to the function you were attempting to perform
94,26	The record delimiter is invalid. A record delimiting technique other than LINE-SEQUENTIAL or BINARY-SEQUENTIAL was specified.	Call ES&S support with specific information as to the function you were attempting to perform
94,27	The code-set specified in the CODE-SET clause is invalid or unsupported.	Call ES&S support with specific information as to the function you were attempting to perform
94,28	The collating sequence specified in the COLLATING SEQUENCE clause for an indexed file is invalid or unsupported.	Call ES&S support with specific information as to the function you were attempting to perform
94,29	The record type attribute, fixed or variable, specified for the filename is unsupported.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
94,30 through 94,3E	<p>The key duplicates allowed flag specified for keys 0 through 14 is invalid (1974 and 1985 modes) or does not match the corresponding key duplicates allowed flag of the physical file (1974 mode). The prime record key is 0. Alternate record keys are numbered in ascending order of key offset, starting with 1.</p> <p>For Btrieve files, this error also indicates a key attribute other than duplicate, modifiable, binary, null, alternate collating sequence, or extended type was specified for the Btrieve key that corresponds with the COBOL key defined for the key offset. (For example, descending, supplemental, and manual key attributes may not be used for RM/COBOL keys.) In addition, the primary key may not have a null attribute.</p> <p>Btrieve allows multiple keys to be defined at the same key offset, but only the first key is considered by the Btrieve Adapter program.</p>	Call ES&S support with specific information as to the function you were attempting to perform
94,3F	<p>The key duplicates allowed flag specified for an alternate record key 15 through 254 is invalid (1974 and 1985 modes) or does not match the corresponding key duplicates allowed flag of the physical file. (1974 mode)</p> <p>For Btrieve files, this error also indicates that in the physical file, a key attribute other than duplicate, modifiable, binary, null, alternate collating sequence or extended type was specified for the Btrieve key that corresponds with the COBOL key defined for the key offset. (For example, descending, supplemental and manual key attributes may not be used for RM/COBOL keys.)</p> <p>Btrieve allows multiple keys to be defined at the same key offset, but only the first key is considered by the Btrieve Adapter program.</p>	Call ES&S support with specific information as to the function you were attempting to perform
94,40 through 94,4E	<p>The offset from the start of the record area to the start of the key area for keys 0 through 14 is invalid (1974 and 1985 modes) or does not match the corresponding key offset of the physical file (1974 mode). The prime record key is 0. Alternate record keys are numbered in ascending order of key offset, starting with 1.</p> <p>Error 94, 40 also occurs if more than 254 alternate record keys are specified.</p> <p>For Btrieve files, this error also indicates that the key extends into the variable portion of a Btrieve file record.</p>	Call ES&S support with specific information as to the function you were attempting to perform
94,4F	<p>The offset from the start of the record area to the start of the key area for an alternate key 15 through 254 is invalid (1974 and 1985 modes) or does not match the corresponding key offset of the physical file. (1974 mode)</p> <p>For Btrieve files, this error also indicates that the key extends into the variable portion of a Btrieve file record.</p>	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
94,50 through 94,5E	The length of the key area for keys 0 through 14 is invalid (1974 and 1985 modes) or does not match the corresponding key length of the physical file (1974 mode). The prime record key is key 0. Alternate record keys are numbered in ascending order of key offset, starting with 1. This error also occurs if the number of specified keys does not match the actual number of keys in the physical file. The key number 1 through E, if greater than the number of keys in the file description, indicates that the file contains more keys than the program describes. The key number 1 through E, if less than or equal to the number of keys in the file description, provides a value one greater than the number of keys contained in the file. (1974 mode) A Btrieve file is allowed to have more keys defined in it than in the COBOL description of the file, but not less.	Call ES&S support with specific information as to the function you were attempting to perform
94,5F	The length of the key area for an alternate key 15 through 254 is invalid (1974 and 1985 modes) or does not match the corresponding key offset of the physical file. (1974 mode) This error also occurs if the number of keys specified does not match the actual number of keys in the physical file (see error messages 94, 50 through 94, 5E). (1974 mode)	Call ES&S support with specific information as to the function you were attempting to perform
94,60	There is insufficient memory to open a file. The amount of memory required to open a file can be reduced by specifying a smaller maximum block size in the BLOCK CONTAINS clause. Additional memory can be made available by decreasing the amount of buffer pool memory by using the BUFFER-POOL-SIZE keyword on the RUN-FILESATTR configuration record.	Call ES&S support with specific information as to the function you were attempting to perform
94,61	There is insufficient disk space to create a file.	Call ES&S support with specific information as to the function you were attempting to perform
94,62	The LINAGE parameters are invalid for an OPEN statement. One or more LINAGE parameters are negative or greater than 32767, LINAGE equals zero, FOOTING equals zero, or FOOTING is greater than LINAGE.	Call ES&S support with specific information as to the function you were attempting to perform
94,63	An OPEN WITH LOCK operation was attempted on a system that does not support WITH LOCK.	Call ES&S support with specific information as to the function you were attempting to perform
94,64	The filename specified is invalid. This error can occur if the filename is set to spaces.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
94,65	An OPEN operation was attempted on the controlling console device.	Call ES&S support with specific information as to the function you were attempting to perform
94,66	There are no more file handles available. An OPEN operation was rejected because an operating system limit on the number of files was reached.	Call ES&S support with specific information as to the function you were attempting to perform
94,67	The file is too large. An attempt was made to open a file that is too large for this system. The file was probably created on another system using the LARGE-FILE-LOCK-LIMIT configuration keyword or is a version 3 indexed file, or an attempt was made to use a LARGE-FILE-LOCK-LIMIT value on a system that does not support files larger than 2 GB. For more information, see the description of the LARGE-FILE-LOCK-LIMIT keyword in the RUN-FILES-ATTR configuration record or the description of File Version Level 3 files.	Call ES&S support with specific information as to the function you were attempting to perform
94,68	An attempt was made to open an indexed file that has a future file version number. The indexed file may have been created by a later version of RM/COBOL or the indexed file may be corrupt.	Call ES&S support with specific information as to the function you were attempting to perform
94,69	The specified large file lock limit is too large for either the operating system on which the runtime is running, or the file system on which the file would reside. For example, files on a Windows 9x-class operating system do not support a large file lock limit greater than four gigabytes (4 GB).	Call ES&S support with specific information as to the function you were attempting to perform
94,70	A DEFINE-DEVICE configuration record with a value NONBLOCKINGFIFO=YES was specified and the OPEN would have to block because there is no process waiting on the "other end" of the FIFO (that is, if OPEN OUTPUT, no other process has the FIFO open for reading; if OPEN INPUT, no other process has the FIFO open for writing).	Call ES&S support with specific information as to the function you were attempting to perform
94,71	A DEFINE-DEVICE configuration record with a value NONBLOCKINGFIFO=YES was specified, but the file-name specified by the PATH keyword is not an existing FIFO.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABC) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
95,01	The file must be mass storage. The device-name specified for the file was DISC, DISK or RANDOM, but the resultant file access name identifies a file that does not reside on disk. (1974 mode)	Call ES&S support with specific information as to the function you were attempting to perform
96	No file position is currently defined. A sequential READ operation was attempted, but the last READ or START operation was unsuccessful or returned an at end condition. (1974 mode)	Call ES&S support with specific information as to the function you were attempting to perform
96,02	The position was lost. (1974 mode) For Btrieve files, A READ NEXT operation was attempted and could not be completed because the Btrieve MicroKernel Database Engine (MKDE) position was lost due to the current record (and surrounding records) being deleted by programs at other computers.	Call ES&S support with specific information as to the function you were attempting to perform
97,01	One or more characters in the record are illegal in a line sequential file.	Call ES&S support with specific information as to the function you were attempting to perform
97,02	One or more characters could not be translated from the native character set to the external code-set.	Call ES&S support with specific information as to the function you were attempting to perform
97,03	The length of the record area specified in the WRITE, REWRITE or RELEASE statement is less than the minimum record length of the file. (1974 mode)	Call ES&S support with specific information as to the function you were attempting to perform
97,04	The length of the record area specified in the WRITE, REWRITE, or RELEASE statement is greater than the maximum record length of the file. (1974 mode)	Call ES&S support with specific information as to the function you were attempting to perform
97,05	The record read from the file is shorter than the minimum record length.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
97,06	The record read from the file is longer than the record area.	Call ES&S support with specific information as to the function you were attempting to perform
97,07	A REWRITE statement attempted to change the length of a record in a sequential organization file. (1974 mode)	Call ES&S support with specific information as to the function you were attempting to perform
97,08	The LINAGE parameters are invalid for a WRITE statement. One or more LINAGE parameters are negative or greater than 32767, LINAGE equals zero, FOOTING equals zero, or FOOTING is greater than LINAGE.	Call ES&S support with specific information as to the function you were attempting to perform
97,09	The TO LINE value specified in a WRITE statement for a file described with the LINAGE clause is not an allowed value. The value is either zero, greater than the number of lines in the current logical page body, or, when the NEXT PAGE option has not been specified, greater than the current line number within the logical page body.	Call ES&S support with specific information as to the function you were attempting to perform
98,01	<p>The indexed file structure includes a count of the number of times the file is currently open for modification. The count should be zero whenever a file in a single-user environment is opened or a file in a shared environment is opened WITH LOCK. If the count is non-zero when the file is opened WITH LOCK, a 98, 01 error is returned. The conditions that determine whether the runtime system assumes a single-user or shared environment are described in File Types and Structure and in the explanation of the FORCE-USER-MODE keyword of the RUN-FILES-ATTR configuration record.</p> <p>The count is incremented when a program opens the file I-O, OUTPUT, or EXTEND and decremented when the program closes the file. If the count is non-zero when the file is opened in a single-user environment or opened WITH LOCK in a shared environment, then the system must have terminated without closing the file. This error can also occur when a file with a non-zero count is moved from a shared environment to a single-user environment. The indexed file will be inconsistent if all the modifications to it were not written to disk. Use the Indexed File Recovery (recover1) utility to rebuild or recover disk information.</p> <p>You can reduce the likelihood of encountering this error by changing the Indexed File Recovery utility strategy to "Force File Closed", as described in Data Recoverability. This causes the count to be changed around every write operation instead of during open and close. Use the Define Indexed File (rmdefinix) utility to change the recovery strategy of an existing indexed file.</p>	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Input/Output Errors

Error Messages	Description	User Information
98,02	A fatal error occurred during a DELETE, REWRITE, or WRITE statement when the file was last open. The index structure is inconsistent and must be rebuilt. Use the Indexed File Recovery (recover1) utility to rebuild or recover disk information.	Call ES&S support with specific information as to the function you were attempting to perform
98,nn	Invalid file structure. The nn subcode may be useful in determining which runtime system procedure detected the error. For an indexed organization file, an inconsistency in the file structure was detected. If the error occurs when the file is being read, it may be a disk read error, which may go away when the operation is retried. If the error occurs during a DELETE, REWRITE, or WRITE statement, a later OPEN statement will probably receive a 98, 02 error. It may be possible to correct the file structure inconsistency by rebuilding the index structure. Use the Indexed File Recovery (recover1) utility to rebuild or recover disk information. For a sequential or relative organization file, this error usually indicates the file description does not match the organization of the file, record type, record delimiting technique, or record length. It may also indicate that the file data was not written or read correctly.	Call ES&S support with specific information as to the function you were attempting to perform
99	A DELETE, READ, or REWRITE statement failed because the record is locked by another user.	Call ES&S support with specific information as to the function you were attempting to perform

RMCOBOL C Library Error Codes

Error Message	Description	User Information
1	No such file or directory	Call ES&S support with specific information as to the function you were attempting to perform
2	Arg list too big	Call ES&S support with specific information as to the function you were attempting to perform
3	Exec format error	Call ES&S support with specific information as to the function you were attempting to perform
4	Bad file number	Call ES&S support with specific information as to the function you were attempting to perform
5	Not enough memory	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL C Library Error Codes

Error Message	Description	User Information
6	Permission denied	Call ES&S support with specific information as to the function you were attempting to perform
7	File exists	Call ES&S support with specific information as to the function you were attempting to perform
8	Cross-device link	Call ES&S support with specific information as to the function you were attempting to perform
9	Invalid argument	Call ES&S support with specific information as to the function you were attempting to perform
10	File table overflow	Call ES&S support with specific information as to the function you were attempting to perform
11	Too many open files	Call ES&S support with specific information as to the function you were attempting to perform
12	No space left on device	Call ES&S support with specific information as to the function you were attempting to perform
13	Argument too large	Call ES&S support with specific information as to the function you were attempting to perform
14	Result too large	Call ES&S support with specific information as to the function you were attempting to perform
15	Resource deadlock would occur	Call ES&S support with specific information as to the function you were attempting to perform
16	Interrupt	Call ES&S support with specific information as to the function you were attempting to perform
17	Child does not exist	Call ES&S support with specific information as to the function you were attempting to perform
18	Resource unavailable, try again	Call ES&S support with specific information as to the function you were attempting to perform
19	Device or resource busy	Call ES&S support with specific information as to the function you were attempting to perform
20	File too large	Call ES&S support with specific information as to the function you were attempting to perform
21	I/O error	Call ES&S support with specific information as to the function you were attempting to perform
22	Is a directory	Call ES&S support with specific information as to the function you were attempting to perform
23	Not a directory	Call ES&S support with specific information as to the function you were attempting to perform
24	Too many links	Call ES&S support with specific information as to the function you were attempting to perform
25	Block device required	Call ES&S support with specific information as to the function you were attempting to perform
26	Not a character device	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL C Library Error Codes

Error Message	Description	User Information
27	No such device or address	Call ES&S support with specific information as to the function you were attempting to perform
28	Not owner	Call ES&S support with specific information as to the function you were attempting to perform
29	Broken pipe	Call ES&S support with specific information as to the function you were attempting to perform
30	Read-only file system	Call ES&S support with specific information as to the function you were attempting to perform
31	Illegal seek	Call ES&S support with specific information as to the function you were attempting to perform
32	No such process	Call ES&S support with specific information as to the function you were attempting to perform
33	Text file busy	Call ES&S support with specific information as to the function you were attempting to perform
34	Bad address	Call ES&S support with specific information as to the function you were attempting to perform
35	Name too long	Call ES&S support with specific information as to the function you were attempting to perform
36	No such device	Call ES&S support with specific information as to the function you were attempting to perform
37	No locks available in system	Call ES&S support with specific information as to the function you were attempting to perform
38	Unknown system call	Call ES&S support with specific information as to the function you were attempting to perform
39	Directory not empty	Call ES&S support with specific information as to the function you were attempting to perform

RMCOBOL File Manager Detected Error Codes

Error Messages	Description	User Information
1	Memory management failure	Call ES&S support with specific information as to the function you were attempting to perform
2	Operator requested termination	Call ES&S support with specific information as to the function you were attempting to perform
3	Locks lost	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABC) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Internal Errors

In general, internal errors are caused when the object file has been corrupted. If the corruption was caused by an undetected data error reading the object file from disk or over a network, the failure should disappear or change when the program is run again. If the object file on disk is corrupted, compiling the program to generate correct object should fix the problem.

RMCOBOL Sort-Merge Errors

Sort-merge errors include errors processing a SORT or MERGE statement.

Error Codes	Description	User Information
301	There was insufficient memory available to initiate a sort or merge process. The default or specified sort memory size was insufficient to hold ten records of the record length to be sorted, or the specified sort memory size is not available. Use the T Runtime Command Option to increase the memory requested by the SORT statement.	Call ES&S support with specific information as to the function you were attempting to perform
302	Fewer than three intermediate files were available to begin a SORT statement. The sort procedure cannot begin unless it is able to create at least three intermediate files.	Call ES&S support with specific information as to the function you were attempting to perform
303	A record read from a MERGE file or SORT USING file was not long enough to include all the keys.	Call ES&S support with specific information as to the function you were attempting to perform
304	Too many out-of-sequence records were passed to the sort process. Use the T Runtime Command Option to increase the memory available to sort. Or, divide the records to be sorted into several files, sort the several files, and merge the resulting files.	Call ES&S support with specific information as to the function you were attempting to perform
305	A SORT or MERGE statement was attempted while a sort or merge process was already active.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Sort-Merge Errors

Sort-merge errors include errors processing a SORT or MERGE statement.

Error Codes	Description	User Information
306	A RELEASE or RETURN statement was attempted and no sort or merge process was active.	Call ES&S support with specific information as to the function you were attempting to perform
307	A RELEASE or RETURN statement was attempted for a sort or merge description other than the one currently being sorted or merged.	Call ES&S support with specific information as to the function you were attempting to perform
308	A RELEASE statement was attempted in an OUTPUT PROCEDURE, or a RETURN statement was attempted in an INPUT PROCEDURE.	Call ES&S support with specific information as to the function you were attempting to perform
309	A RETURN statement was attempted in an OUTPUT PROCEDURE after the at end condition was returned on the sort or merge file.	Call ES&S support with specific information as to the function you were attempting to perform
310	An application I/O statement was attempted on a file currently opened as a sort or merge USING or GIVING file.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:
 ●Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM) ●Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Message Control Errors

Message control errors include errors that occur when using the Message Control System (MCS).

Error Messages	Description	User Information
351	An ENABLE, DISABLE, SEND, RECEIVE or ACCEPT . . . FROM MESSAGE COUNT statement was encountered and no MCS was present.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

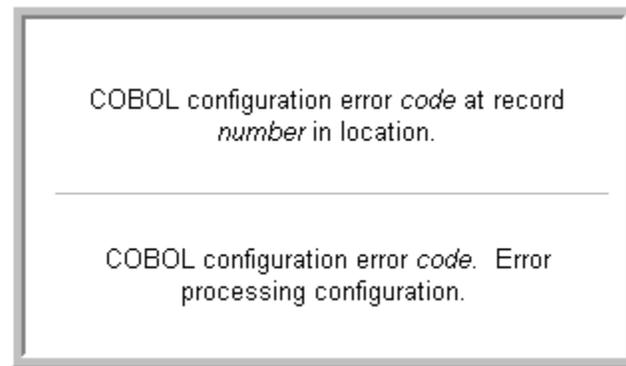
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

RMCOBOL Configuration Errors

Configuration errors include all errors that occur because of an error in the configuration. The formats are as follows:



code is the error number listed below.

number identifies the logical record in the configuration file (location) at which the error was found. Each logical record is identified with a configuration record type. In other words, when you are using the record number provided in the message to determine the erroneous record, count the lines combined with their corresponding continuation lines as one line, and do not count the comment lines and blank lines.

- Automatic configuration file
- Overriding configuration file
- Supplemental configuration file

Automatic configuration file refers to configuration files located automatically by the Automatic Configuration Support module on UNIX or Windows. Overriding configuration file refers to a configuration file specified by the C Runtime Command Option. Supplemental configuration file refers to a configuration file specified by the X Runtime Command Option.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

The first format is used if an error is detected during the processing of a configuration record. The error message will be followed by a line containing the portion of the record being processed when the error occurred and another line placing a currency symbol underneath the item being processed when the error occurred.

The second format is used if an error is detected after all configuration records have been processed or if an error is detected with which a record is not associated

RMCOBOL Configuration Errors

Error Messages	Description	User Information
401	A character has been defined as a data character in a TERM-ATTR record as well as the beginning character of an input sequence in a TERM-INPUT record.	Call ES&S support with specific information as to the function you were attempting to perform
402	An invalid delimiter was found.	Call ES&S support with specific information as to the function you were attempting to perform
403	The input sequence in the current TERM-INPUT configuration record has been defined in a previous TERM-INPUT configuration record.	Call ES&S support with specific information as to the function you were attempting to perform
404	A keyword has not been provided where expected or the keyword is invalid.	Call ES&S support with specific information as to the function you were attempting to perform
405	The resulting terminal input configuration table (used by the runtime system during ACCEPT statements) is too large or is out of memory.	Call ES&S support with specific information as to the function you were attempting to perform
406	An attempt has been made to redefine the terminal interface.	Call ES&S support with specific information as to the function you were attempting to perform
407	Syntax error.	Call ES&S support with specific information as to the function you were attempting to perform
408	An attempt has been made to describe a terminal characteristic and either a terminal interface has not been defined via a TERMINAL-INTERFACE record, or the terminal characteristic is not valid with the defined terminal interface.	Call ES&S support with specific information as to the function you were attempting to perform
409	A value has not been provided where expected or the value is invalid.	Call ES&S support with specific information as to the function you were attempting to perform

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

RMCOBOL Configuration Errors

Error Messages	Description	User Information
410	The configuration file requested in the Runtime Command was not found.	Call ES&S support with specific information as to the function you were attempting to perform
411	A logical configuration record exceeds the maximum length.	Call ES&S support with specific information as to the function you were attempting to perform

RMCOBOL System Initialization Messages

During its initialization, the runtime system may issue several messages, some of which are error diagnostics and some of which are informational.

Initialization Errors

If the runtime system receives an error from the operating system during initialization, the following message is displayed:

RM/COBOL: Operating System Initialization Error. OS Error Code: code

code depends on the operating system on which the file resides.

Support Module Initialization Errors

During initialization, the runtime system attempts to initialize each optional support module that has defined an initialization entry point (RM_AddOnInit). If the support module determines that successful initialization is not possible, the runtime system produces the following message:

RM/COBOL: Add-on software failed to initialize - module-name.

Other messages should indicate the reason why the support module could not complete initialization. Contact the provider of the failing support module if the information provided is not sufficient to resolve the problem.

Support Module Version Errors

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

During initialization, the runtime system locates and loads various support modules, including either the terminfo or the termcap Terminal Interface support module. Also, at initialization, the runtime system verifies that each support module is the correct version for the runtime system. If a support module is not the correct version, the following message is displayed:

RM/COBOL: module-name version mismatch, expected 12.0n.nn, found n.nn.nn.

The runtime system may issue one of the following messages if a support module indicates either that it does not support any of the interface versions supported by the runtime system or that it cannot run with this version of the runtime system:

RM/COBOL: module-name bad interface version: nn; must be nn to nn.

RM/COBOL: module-name version check failed.

When any of the previous messages are displayed, the runtime system terminates with the following message:

Error invoking mismatched runtime and support module.

Option Processing Errors

If the runtime system detects an unknown option letter, a known option letter in error or an option not terminated with a space or comma, the following message is displayed:

letter option not valid.

where, *letter* is the erroneous option letter.

Further processing is done for libraries (as specified by the L Runtime Command Option) during which control structures are built for use later in the run unit. If errors are encountered during this processing, the following message is displayed: COBOL procedure error code. Error processing librarylibrary-name.

where, *code* is as defined in Procedure Errors.

library-name is the name of the library being loaded.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Main Program Loading Errors

If errors are encountered during the load and initialization of the main program, the following message is displayed:

COBOL procedure error *code (description)*. Error loading main program *prog-name*.

where, *code* is as defined in Procedure Errors.

prog-name is the name of the program being loaded (or the pathname of the file being loaded, as described in the note below).

Note: In some cases, this will be a procedure error 204 indicating that the application main program could not be found. If one or more program object files were found, but could not be successfully loaded, the 204 error will be preceded by one or more messages in the preceding format indicating the specific reason that the load failed along with the pathname of the file that could not be loaded in place of *prog-name*. Multiple files may be attempted because of the extension search the runtime performs. When the search completes without successfully loading a program, the 204 error is displayed after any of the load errors as follows:

COBOL procedure error 204 (program not found). Error starting application *prog-name* where, 204 is the procedure error code as defined in Procedure Errors.

prog-name is the name of the program as specified in the runtime command line.

If the extension search does not find any matching file names, then only the error below is displayed:

COBOL procedure error 204 (program not found). Error loading main program *prog-name* where, 204 is the procedure error code as defined in Procedure Errors.

prog-name is the name of the program as specified in the runtime command line.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Runcobol Banner Message

The banner message is displayed when you first invoke RM/COBOL. This message may be suppressed with the K Runtime Command Option:

```
RM/COBOL Runtime - Version 12.0n.nn for operating system.
Copyright(c) 1985-2008 by Liant Software Corp. All rights reserved.
Registration Number: xx-nnnn-nnnnnn-nnnnn
```

A verbose banner has additional information about the product and the environment in which it is running. The verbose banner is obtained for the runtime by using the V Runtime Command Option or by setting the environment variable RM_VERBOSE_BANNER to a value that begins with “Y” or “y”. The verbose banner adds the following lines to the banner:

```
RM/COBOL: User user-name running on machine machine-name (system-name)
```

```
RM/COBOL: Native character set: ncs (Codepage: cp-number)
```

A verbose banner also includes the support module list as explained in the description of the V Runtime Command Option. The lines in the verbose banner are not suppressed by the K Runtime Command Option.

Runcobol Usage Message

The following message is displayed in response to entering a Runtime Command without parameters:

```
Usage: RUNCOBOL name [options]
Options: [A=arguments] [B=buffer size] [C=cfgfile1] [D]
[F=fillchar] [I] [K] [L=libname] [M] [Q=mcssym]
[S=switches] [T=sortsize] [V] [X=cfgfile2]
```

Registration Error Messages

Attempting to execute more runtime systems than are authorized causes the following message to be displayed: Error invoking unauthorized copy of runtime.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 36: M100 Cards with Wireless Modems

After you set up your wireless modem, use Hardware Program Manager to prepare your M100 cards. From HPM, you will enter an IP address that the M100 will use to dial into the DAM host.



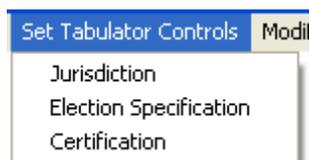
NOTE: Only versions 5.2.4.0 or higher of Hardware Programming Manager support wireless connectivity. To see what version of HPM you are using, open the HPM application, click the Help menu and select About Unity Hardware Programming Manager. The version will display near the top of the screen.

Warning: The radiated output power of the internal wireless radio is far below the FCC radio frequency exposure limits. Nevertheless, the wireless radio shall be used in such a manner that the radio is 20 cm or further from the human body.



The internal wireless radio operates within guidelines found in radio frequency safety standards and recommendations, which reflect the consensus of the scientific community. ES&S therefore believes the internal wireless radio is safe for use by consumers. The level of energy emitted is far less than the electromagnetic energy emitted by wireless devices such as mobile phones. However, the use of wireless radios may be restricted in some situations or environments, such as aboard airplanes. If you are unsure of restrictions, you are encouraged to ask for authorization before turning on the wireless radio.

1. Open Hardware Program Manager.



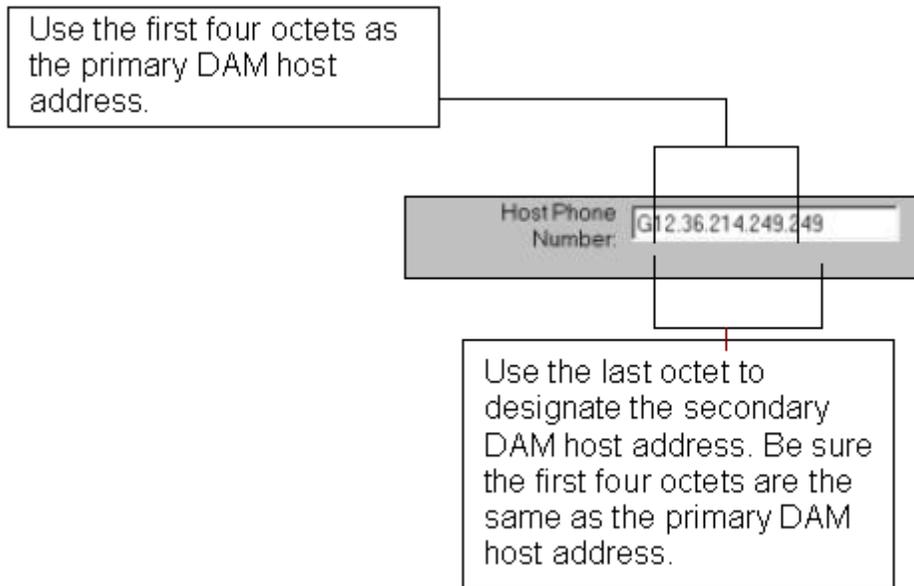
2. From the Set Tabulator Controls menu, click **Election Specification**. The Election Specification window appears.
3. Click the **M100 Scanner Options** button, located in the lower-right corner of the Election Specification window. The Model 100 Scanner Options window appears.
4. Type in an uppercase G and the IP address in the Home Phone Number box. The IP address consists of the standard four segments or octets. The fifth segment identifies a secondary, or backup, DAM Host. If no secondary host exists, enter the last three digits of the primary IP address.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

For example, if the IP address of the primary host is 12.36.214.249 and the secondary host's address is 12.36.214.250, enter *G12.36.214.249.250* in the **Host Phone Number** field. The Model 100 will then attempt the address ending in .250 if the transmission with the primary host fails. If you have no secondary host enter *G12.36.214.249.249* in the **Host Phone Number** field.



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 37: Create Districts for Michigan State Transfer File



This process is for the state of Michigan only.

This chapter provides instructions for creating districts in Hardware Programming Manager (HPM) that will enable you to create precinct cross-reference records when the State Cross-Reference file is created in Election Reporting Manager (ERM). This districting will simplify the ERM State Precinct Cross Reference data maintenance.

For townships and cities, the information required to complete the districting is contained in the state-issued CITYTOWN.TXT file. This file contains state-assigned township and city codes by county. These codes are used in HPM district codes. For wards or districts within a city, the local county-assigned numbers should be used as the HPM district codes. The State does not issue a file for ward/district numbers by city.

The steps to create a district in HPM are:

- ❖ Define State District Type Codes
- ❖ Define State District Codes
- ❖ Bind Districts with Unity Precincts



Warning: It is highly recommended that you create a backup copy of all your election files before performing the system updates described in this chapter.



Contact ES&S customer support for assistance if actual election vote counts have been processed in ERM for the election and you need to retain the election's vote counts. Special processing must be performed before you create the results database in ERM, in order to initialize the state cross reference file. ES&S customer support will help you perform this special processing.

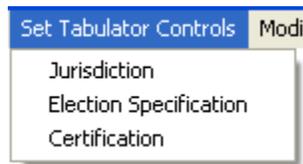
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

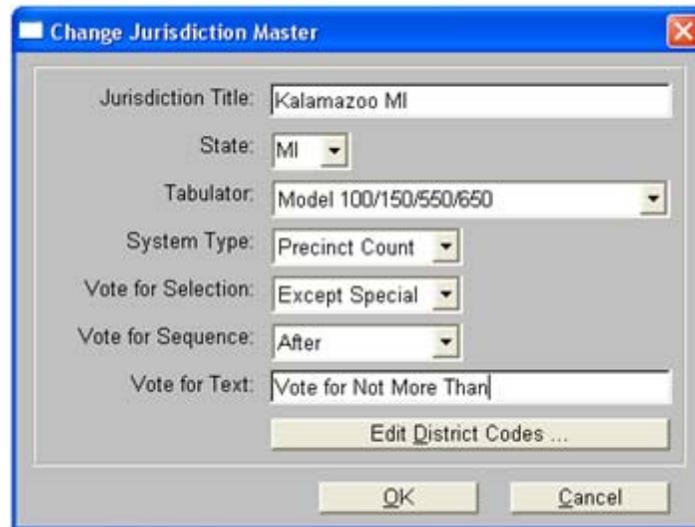
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Define State District Type Codes



1. From the Set Tabulator Controls menu, click **Jurisdiction**. The following window appears.



NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

2. Click **Edit District Codes**. The following window appears.

Code	Title	Code	Title
CCO	County Board	CNG	Congressional
COU	County	LEG	Legislative
TWP	Township	ACT	Appellate Court
CCT	Circuit Court	DCT	District Court
CIT	City	SCT	State City
STW	State Township	SWD	State Ward/Dist

3. Enter the Unity district type codes in the **Code** boxes, and the names that correspond to the codes in the **Title** boxes. Click **OK**.



NOTE: The STW, SCT and SWD codes are examples of the Unity district types to enter when using HPM's districting function to assist with the precinct cross-referencing. These district type codes may be any three-letter, user-defined combination and are specifically for the State Reporting in ERM. District type codes should be established for each state district type (such as Townships, Cities, and Wards or Districts) defined for your jurisdiction.

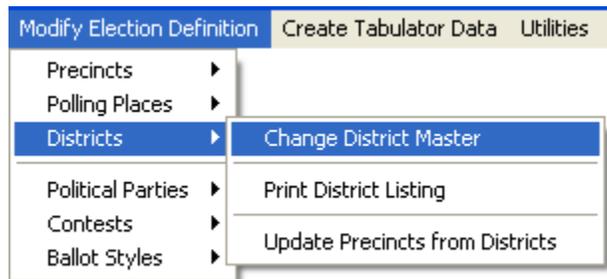
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

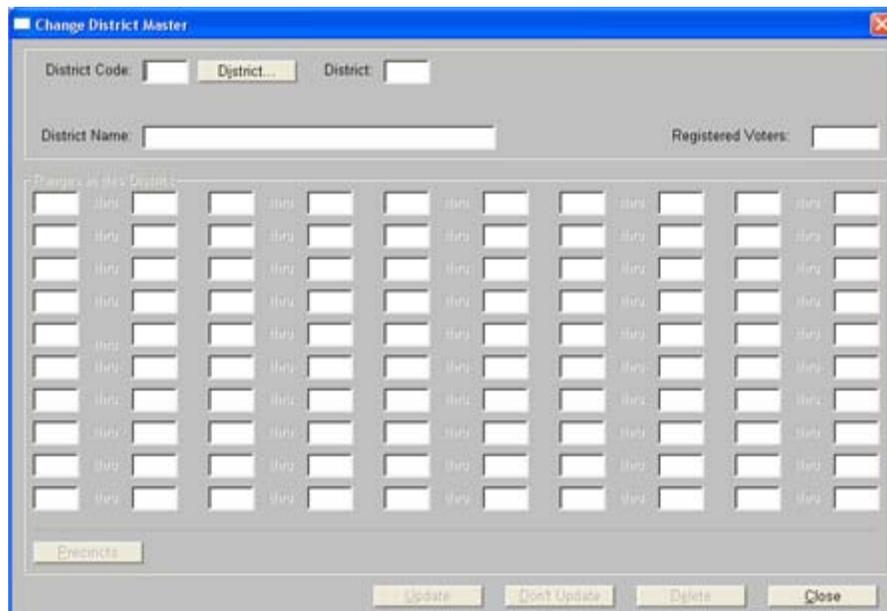
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Define State District Codes



1. From the Modify Election Definition menu, point to **Districts**, and select **Change District Master**. The following window appears.



2. In the **District Code** box, select the code you defined in step 3 under the [Define State District Type Codes](#) heading. For example, select STW for State Township.
3. In the **District** box, enter the state code for the specific district of this type you wish to define. For example, the state code for Alamo Township of Kalamazoo County is 2, so you would type a 2 in the **District** box.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



Refer to the state-issued CITYTOWN.TXT file for the list of correct codes.

4. Press Enter. The window will change to include **Model** boxes.

The name assigned to the district code may appear in the **District Name** box when the **Model** boxes appear. If it does not, when the cursor is in the first **Model** box, press Enter to advance to the **District Name** box.

In the **District Name** box, type a descriptive name for the district and press Enter twice to advance to the first text box in the **Ranges in this District** section.

5. Click **Precincts** in the lower-left corner of the window. The **Precincts in this District (Maximum selection is 1000)** frame will appear.

6. Click **Precinct...** The Precinct list will appear.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

Change District Master

District Code: District: Model: - / -

Copy Option: All Precincts Like Precincts Unlike Precincts

District Name: Registered Voters:

- Precincts in this District (Maximum selection is 1000)

Precinct List	
0048	City of Postage #12
0049	City of Postage #13
0050	City of Postage #14
0051	City of Postage #15
0052	City of Postage #16
0053	City of Postage #17
0054	City of Postage #18
0055	City of Postage #19
0056	City of Postage #20
0057	City of Postage #21
0058	City of Postage AVCB-8
0059	City of Postage AVCB-9
0060	City of Postage AVCB-10
0061	City of Postage AVCB-11
0062	City of Postage AVCB-16
0063	Alamo #1
0064	Alamo #2
0065	Brady #1
0066	Brady #2
0067	Charleston #1
0068	Clinax #1
0069	Clinax #2
0070	Constock #1
0071	Constock #2
0072	Constock #3
0073	Constock #4
0074	Constock #5

7. Select the precincts that are included in this district. For example, for Alamo Township, select precincts named Alamo #1 and Alamo #2. Click **OK**. The precinct numbers will appear in the **Precincts in this District (Maximum selection is 1000)** box.
8. Click **Update** to create the district and return to an initialized Change District Master window.
9. Repeat steps 3-8 to define districts for this district type code until all districts of this type have been created.
10. Repeat this process for each state district type. For example, next define all the Cities, and then define all the Wards and/or Districts within your cities (if applicable).



NOTE: Remember to use the State number from the CITYTOWN.TXT file or the State Township and City Codes report from ES&S. Use your assigned number for wards or district codes for city precincts.

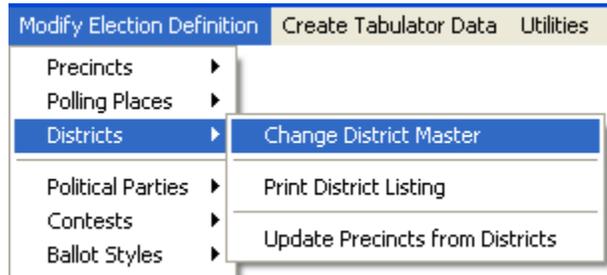
NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

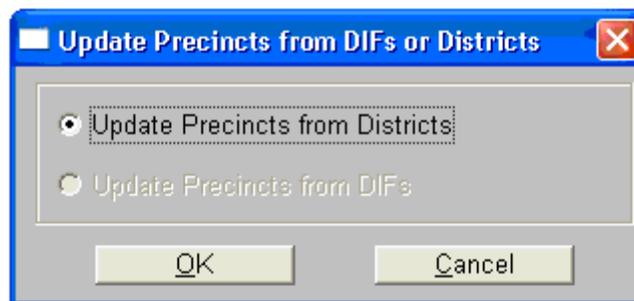
- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

11. Click **Close** to return to the main menu when you are completely done defining state districts.

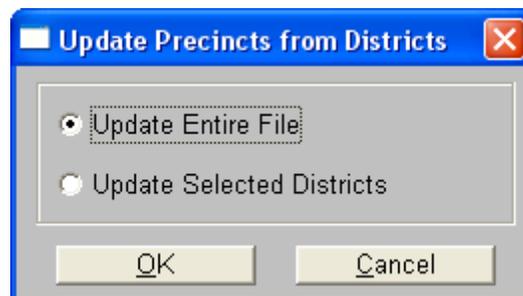
Bind Districts with Unity Precincts



1. From the Modify Election Definition menu, point to **Districts**, and select **Update Precincts from DIFs or Districts**. The following window appears.



2. Click **Update Precincts from Districts**. Click **OK**. The following window appears.



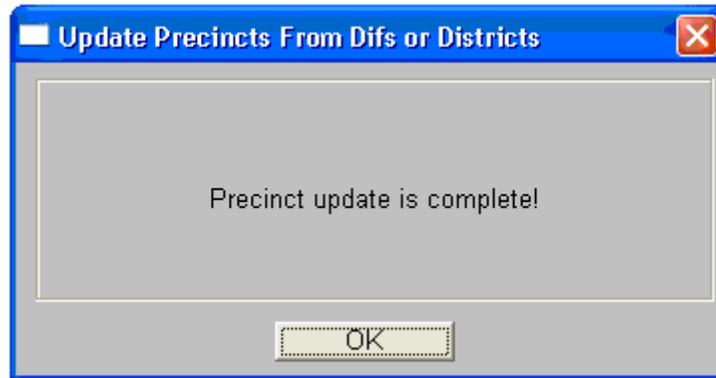
3. Click **Update Entire File**. Click **OK**. The following message will appear.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



4. If you receive this message, click **OK** to exit and return to the HPM main screen.



Refer to the Michigan State Transfer Files chapter of the *Election Reporting Manager System Operations Procedures* manual for instructions for completing the State Transfer File process.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 38: Set up USB PEB Reader

Before saving election files to a USB PEB Reader for the first time, you will need to install drivers onto your PC.

Install Driver

Take the following steps to manually install the USB PEB Reader.

1. Disconnect the USB PEB Reader from the PC.
2. Insert the compact disk supplied with the into the PC.
3. Copy **pebcradle.inf** to C:\Windows\INF.
4. Right click the **Start** button in Windows and select **Explore**.
5. Type **c:\windows\INF** in the **Address** bar and press **Enter**.
6. Right click on the **pebcradle.inf** file and select **Install**. This adds the file to the Windows® system registry.
7. Plug the USB PEB Reader into a USB port on the PC. The Found New Hardware Wizard will automatically start.



8. Select **No, not this time**. Click **Next**.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



9. Choose the default option to **Install the software automatically (Recommended)**. Click **Next**.



10. Click **Continue Anyway**. The drivers will be installed and you will get the following screen will appear.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission



11. Click **Finish**. The driver is now installed.

Test the USB PEB Reader by reading results or writing an election to the reader.

If the test is unsuccessful, follow the instructions under the [Check and Change Com Port](#) heading in this chapter.

Check and Change Com Port

The Communication Port for the USB PEB Reader should be automatically assigned a number between 1 and 5. If the installation assigned a higher number, the may not function.If the is not functioning after following the instructions in the [Install Driver](#) section check the communication port number assigned to the .

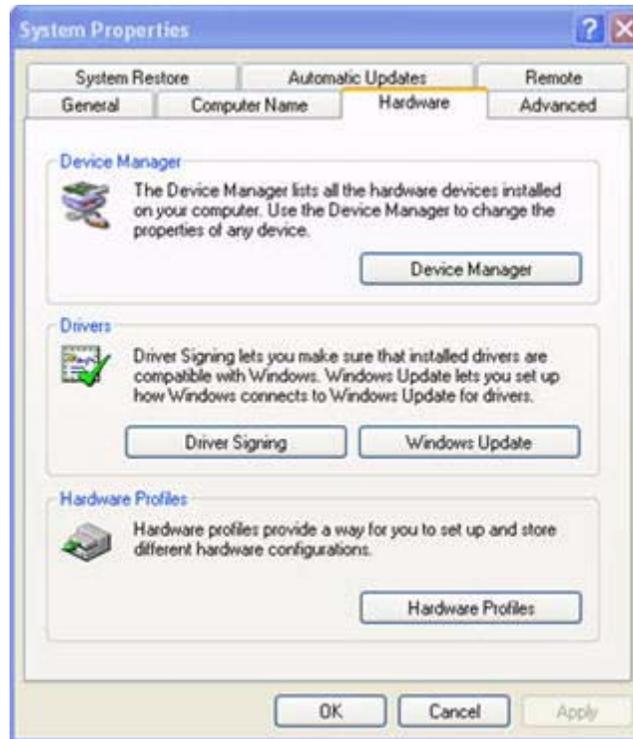
1. Click the **Start** button. Point to **Settings** and select **Control Panel**.
2. In the Control Panel window, double-click **System**. The System Properties window will appear.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



3. Select the **Hardware** tab and click **Device Manager**. The Device Manager window will open.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



4. In the Device Manager window, double-click **Ports (COM & LPT)**.
5. Right-click and select **Properties** on each of the **Communication Ports** in the list. The correct Communication Port will show Pivot International as the manufacturer on the **General** tab of the Communications Port Properties window.

NOTICE OF UNCERTIFIED FUNCTIONALITY

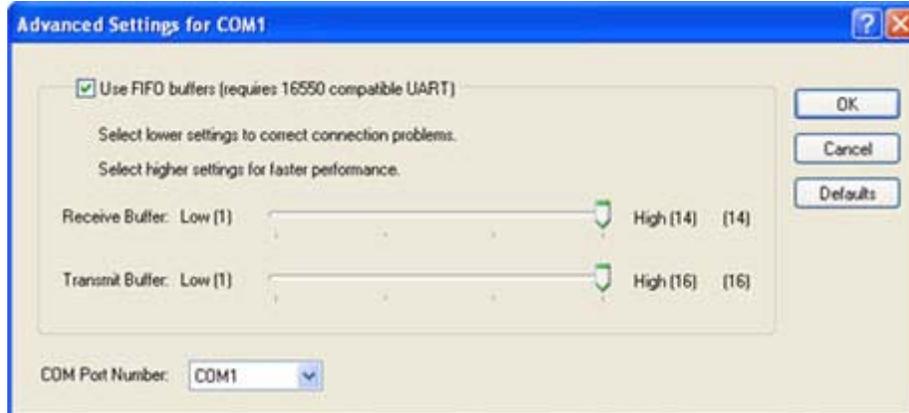
The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0



6. Select the **Port Settings** tab and click **Advanced** to open the Advanced Settings window.



7. Change the **COM Port Number** to any number between 1 and 5 that is not in use by another device. Click **OK** twice to return to the Device Manager window.
8. Select **File** on the menu bar and select **Exit** to return to the System Properties window.
9. Select **OK** to close the System Properties window.

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Chapter 39: Revision History

Hardware Programming Manager v. 5.7.3.0 October 1, 2010

Chapter	Description	Project
UNCERTIFIED FUNCTIONALITY NOTICE	Updated UNCERTIFIED SYSTEM FEATURES notice with Modem Support message. The certified voting system configuration does not support the installation of a modem or transfer of election results via modem from a remote site to a central counting station. Installing a modem in any system tabulator or configuring an election definition to support modem transfer voids the certification of this system.	

Hardware Programming Manager v. 5.7.3.0 September 3, 2010

Chapter	Description	Project
Chapter 3: Installation	Updated Deploying HPM and ERM in a Network Environment section	173

Hardware Programming Manager v. 5.7.3.0 July 12, 2010

Chapter	Description	Project
Installing the OmniDrive USB/USB2 Professional (For use with the M100)	Updated note if OmniDrive does not contain the proper driver it can be downloaded from the website.	

Hardware Programming Manager v. 5.7.3.0 June 9, 2010

Chapter	Description	Project
All	Update version to 5.7.3.0	

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Hardware Programming Manager v. 5.7.2.0 April 8, 2010

Chapter	Description	Project
Chapter 4: Start HPM	Removed information about HPM Manager	136
Chapter 3: Installation	Added note to refer to Hardening Procedures for the Election Management System PC for network information.	141
Chapter 12: Jurisdiction	Updated information about System Type selection, added Central, Precinct and Mixed Mode information.	142
Chapter 23: Load Memory Device With Parameters	Added section under M650 to Load the Zip Disk with M650 Mixed Mode Parameters	147

Hardware Programming Manager v. 5.7.2.0 February 22, 2010

Chapter	Description	Project
	Added note on page 31 to go to Control Panel to update network setting	76
Chapter 3: Installation	Added section on information to Copy Election Files	

Hardware Programming Manager v. 5.7.2.0 February 12, 2010

Chapter	Description	Project
Chapter 21: Create Final Database	Added note and updated screen shots	
Chapter 35: Error Messages	Added error messages into table.	
All	Updated version to 5.7.2.0	

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Hardware Programming Manager v. 5.7.1.0 January 8, 2010

Chapter	Description	Project
	Added installation instruction for PC Card Manager and OmniDrive.	
Chapter 3: Installation	Updated system requirements.	

Hardware Programming Manager v. 5.7.1.0 October 29, 2009

Chapter	Description	Project
Chapter 15: Precincts	Added Warning on Page 87.	

Hardware Programming Manager v. 5.7.1.0 October 16, 2009

Chapter	Description	Project
Chapter 23: Load Memory Device With Parameters	Updated M100 information for Loading Memory Device and updated screen shots.	
Create Tabulator Data Menu	Updated M100 information for Loading Memory Device, added in to Choose either OMNI-PARALLEL Drive or OMNI-USB Drive from the drop down menu.	66

Hardware Programming Manager v. 5.7.1.0 August 28, 2009

Chapter	Description	Project
	Initial publication	

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Index

A

About Unity Election Reporting Manager 7
 Add a New District Based on Existing Districts 117
 Add Statistics and Print Only to Ballot Styles 194
 Appendix 314
 Create Districts for Michigan State Transfer File 408
 Error Messages 315
 M100 Cards with Wireless Modems 406
 Revision History 422
 Set up USB PEB Reader 416

B

Backup Election Files 309
 Ballot Data File Status Report, EL32U 282
 Ballot Detail Listing, EL20A 216
 Ballot Style Listing, EL20 209
 Ballot Styles 181
 Add Statistics and Print Only to Ballot Styles 194
 Change Ballot Style Control 182
 Change Ballot Styles 190
 Change Precinct/Ballot Style 201
 Create Precinct/Ballot Style File 199
 Print Ballot Detail Listing 210
 Print Ballot Style Listing 203
 Print Polling Place/Ballot Style Listing 223
 Print Precinct/Ballot Style Listing 217
 Renumber Ballot Styles 195
 Bind Districts with Unity Precincts 414

C

Certification 86
 iVotronic Equipment 88
 Model 100 86
 Certification Text for the Model 100 Tapes 88
 Change 47
 Change Ballot Style Control 182
 Change Ballot Styles 190
 Change Candidate Rotation 145

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

Change Contests and Candidates 135
 Print Only Contests 145
 Regular Contests (Model 100) 135
 Statistical Contests 142
 Straight Party Position 141
 Change Control File 310
 Change District Master 114
 Add a New District Based on Existing Districts 117
 Change ERM Only Counters 154
 Change No Candidate Text 152
 Change Polling Place 105
 Remove Precincts from a Polling Place 108
 Change Precinct Master 91
 Change Precinct/Ballot Style 201
 Change Straight Party Contests 148
 Check and Change com Port 418
 Contact ES&S for Technical Support 8
 Contest Listing, EL12 163
 Contests 135
 Change Candidate Rotation 145
 Change Contests and Candidates 135
 Change ERM Only Counters 154
 Change No Candidate Text 152
 Change Straight Party Contests 148
 Print Candidate Rotation Listing 164
 Print Contest and Candidate Listing 158
 Print Straight Party Contest Listing 170
 Re-number Contests 176
 Copy Election Files to Network 43
 Create DAM Precinct List 260
 Create Final Database 230
 Create IFC 54
 Create Key PEB 249
 Create New 49
 Create New From Prior Election 56
 Create Precinct/Ballot Style File 199
 Create Subset Election 60
 Create Tabulator Data Menu 17, 229
 Create DAM Precinct List 260
 Create Final Database 230
 Create Tabulator Parameters 232
 DS200 19

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

iVotronic Compact Flash Card 19
 iVotronic PEB 17
 Load Memory Device With Parameters 234
 Model 100 21
 Model 650 23
 Prepare Election Compact Flash 251
 Reports 266
 Telephone Number File 262
 Create Tabulator Parameters 232

D

Define State District Codes 411
 Define State District Type Codes 409
 Disable Visual Themes 32
 District Listing, EL76 124
 Districts 114
 Change District Master 114
 Print District Listing 118
 Update Precincts from Districts 125
 DS200 19, 68
 DS200 Scanner Options 75, 79
 DS200, Load Memory Device With Parameters 234

E

EL10, Rotation Listing 169
 EL100, HPM Log Listing - Entire Log 304
 EL100, HPM Log Listing - Entire Log by Type 305
 EL100, HPM Log Listing - Selected Types 306
 EL100, HPM Log Listing - Selected Types by Type 307
 EL106, Party Master Listing 134
 EL107, Straight Party Contest Listing 175
 EL11, Precinct Listing 99
 EL12, Contest Listing 163
 EL122B, PBC Telephone No. Listing 294
 EL18, Precinct/Ballot Style Listing 222
 EL18A, Poll Place/Ballot Style Listing 228
 EL20, Ballot Style Listing 209
 EL20A, Ballot Detail Listing 216
 EL32, Parameter Listing - All Parameters 273
 EL32, Parameter Listing - All Parameters Extended Mode 275
 EL32, Parameter Listing - Selected Parameters 274

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

EL32, Parameter Listing - Selected Parameters Extended Mode 276
 EL32U, Ballot Data File Status Report 282
 EL41, Prom Status Listing 288
 EL63, Polling Place Listing 113
 EL76 District Listing 124
 Election Menu 12, 46
 Change 47
 Create IFC 54
 Create New 49
 Create New From Prior Election 56
 Create Subset Election 60
 Import IFC 52
 Merge Part of Another Election 58
 Election Specification 68
 iVotronic or iVotronicLS 83
 Model 100 or 650 68
 Error Messages 315
 ES&S Elections 2
 Central County Systems 3
 Precinct Count Systems 3

F

Frequently Asked Questions 3

G

General Timeline for Election Preparation 9

H

Hardware Programming Manager Installation from CD 30
 Disable Visual Themes 32
 Hardware Programming Manager Procedures 12
 Create Tabulator Data Menu 17
 Election Menu 12
 Modify Election Definition Menu 14
 Set Tabulator Controls Menu 13
 Help 5
 About Unity Election Reporting Manager 7
 Help Topics 5
 HPM Log Listing - Entire Log by Type, EL100 305
 HPM Log Listing - Entire Log, EL100 304
 HPM Log Listing - Selected Types by Type, EL100 307

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

HPM Log Listing - Selected Types, EL100 306

I

- Import IFC 52
- Import VR Data 308
- Install Driver 416
- Installation 26
 - Install Hardware Programming Manager from CD 30
 - Install RM/Cobol 11.01 for 32-bit Windows 27
 - Start HPM 44
- Introduction
 - Hardware Programming Manager Procedures 12
 - Overview 2
- iVotronic Compact Flash Card 19
- iVotronic Equipment 88
- iVotronic or iVotronicLS 83
- iVotronic PEB 17
- iVotronic Terminals
 - Load Memory Device With Parameters 241
 - Qualify PEBs for iVotronic Terminals 244
 - Qualify PEBs for Large Polls 247

J

- Jurisdiction 64

K

- Key PEB 249

L

- Load Memory Device With Parameters 234
 - DS200 234
 - iVotronic Terminals 241
 - Model 100 237
 - Model 650 238

M

- M100 Cards with Wireless Modems 406
- Merge Part of Another Election 58
- Messages 315
- Michigan State Transfer File

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

- Bind Districts with Unity Precincts 414
- Create Districts 408
- Define State District Codes 411
- Define State District Type Codes 409
- Model 100 21, 86
 - Certification Text for the Model 100 Tapes 88
- Model 100 and DS200 Scanner Options
 - DS200 Scanner Options 79
- Model 100 or 650 68
 - Model 100 Scanner Options 75
 - Model 150/550/650 Scanner Options 81
- Model 100 Scanner Options 75
- Model 100, Load Memory Device With Parameters 237
- Model 150/550/650 Scanner Options 81
- Model 650 23
 - Load Memory Device With Parameters 238
 - Reformat the Zip Disk 240
- Modify Election Definition Menu 14, 90
 - Ballot Styles 181
 - Contests 135
 - Districts 114
 - Political Parties 127
 - Polling Places 104
 - Precincts 91

O

- Overview 2
 - ES&S Elections 2
 - Help 5
 - Operations Support Frequently Asked Questions 3

P

- Parameter Listing - All Parameters Extended Mode, EL32 275
- Parameter Listing - All Parameters, EL32 273
- Parameter Listing - Selected Parameters Extended Mode, EL32 276
- Parameter Listing - Selected Parameters, EL32 274
- Party Master Listing, EL106 134
- PBC Telephone No. Listing, EL122B 294
- PEBLOG 295
- PEBLOG.csv 296
- Political Parties 127

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Print Political Party Listing 129
 Poll Place/Ballot Style Listing, EL18A 228
 Polling Place Listing, EL63 113
 Polling Places 104
 Change Polling Place 105
 Print Polling Place Listing 108
 Precinct Listing, EL11 99
 Precinct/Ballot Style Listing, EL18 222
 Precincts 91
 Change Precinct Master 91
 Print Precinct Listing 94
 Renumber Precincts 100
 Prepare Election Compact Flash 251
 Print Precinct/Ballot Style Listing 217
 Print Ballot Data File Status Listing 277
 EL32U, Ballot Data File Status Report 282
 Print Ballot Detail Listing 210
 EL20A, Ballot Detail Listing 216
 Print Ballot Style Listing 203
 EL20, Ballot Style Listing 209
 Print Candidate Rotation Listing 164
 EL10, Rotation Listing 169
 Print Contest and Candidate Listing 158
 EL12, Contest Listing 163
 Print District Listing 118
 EL76, District Listing 124
 Print Only Contests 145
 Print Parameter File Listing 266
 EL32, Parameter Listing - All Parameters 273
 EL32, Parameter Listing - All Parameters Extended Mode 275
 EL32, Parameter Listing - Selected Parameters 274
 EL32, Parameter Listing - Selected Parameters Extended Mode 276
 Print Political Party Listing 129
 EL106, Party Master Listing 134
 Print Polling Place Listing 108
 EL63, Polling Place Listing 113
 Print Polling Place/Ballot Style Listing 223
 EL18A, Poll Place/Ballot Style Listing 228
 Print Precinct Burn Status Listing 283
 EL41, Prom Status Listing 288
 Print Precinct Listing 94
 EL11, Precinct Listing 99

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Print Precinct/Ballot Style Listing
 EL18, Precinct/Ballot Style Listing 222
 Print Straight Party Contest Listing 170
 EL107, Straight Party Contest Listing 175
 Print System Log Listing 298
 Print System Log Listing
 EL100, HPM Log Listing - Entire Log 304
 EL100, HPM Log Listing - Entire Log by Type 305
 EL100, HPM Log Listing - Selected Types 306
 EL100, HPM Log Listing - Selected types by Type 307
 Print Telephone Listing 289
 EL122B, PBC Telephone No. Listing 294
 Prom Status Listing, EL41 288

Q

Qualify PEBs for iVotronic Terminals 244
 Qualify PEBs for Large Polls 247

R

Reformat the Zip Disk 240
 Regular Contests (Model 100) 135
 Remove Precincts from a Polling Place 108
 Renumber Ballot Styles 195
 Renumber by Range 196
 Renumber in Precinct Order 198
 Renumber Individually 197
 Renumber by Range 178, 196
 Renumber Contests 176
 by Range 178
 Individually 179
 Renumber in Precinct Order 198
 Renumber Individually 179, 197
 Renumber Precincts 100
 Renumber by Range 101
 Renumber Individually 102
 Report File Utility 312
 Reports 266
 Print Ballot Data File Status Listing 277
 Print Parameter File Listing 266
 Print Precinct Burn Status Listing 283
 Print Telephone Listing 289

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR)
- iVotronic DRE
- Model 100
- Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM)
- All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0

Revision History 422
 RM/Cobol 11.01 for 32 bit Windows Installation 27
 Rotation Listing, EL10 169

S

Set Tabulator Controls Menu 13, 63
 Certification 86
 Election Specification 68
 Jurisdiction 64
 Start Hardware Programming Manager
 Installation 26
 Start HPM 44
 State 409
 Statistical Contests 142
 Straight Party Contest Listing, EL107 175
 Straight Party Position 141
 System Acquisition Procedures 10, 32

T

Technical Support Contacts 8
 Telephone Number File 262

U

Update Precincts from Districts 125
 USB PEB Reader Setup 416
 Check and Change Com Port 418
 Install Driver 416
 Utilities Menu 297
 Backup Election Files 309
 Change Control File 310
 Import VR Data 308
 Print System Log Listing 298
 Report File Utility 312

NOTICE OF UNCERTIFIED FUNCTIONALITY

The following products and/or system features HAVE NOT COMPLETED TESTING FOR CERTIFICATION BY THE ELECTION ASSISTANCE COMMISSION (EAC) to the requirements of the VSS:

- Automated Bar Code Reader (ABCR) ●iVotronic DRE ●Model 100 ●Unity Data Acquisition Manager (DAM)
- Unity iVotronic Ballot Image Manager (iVIM) ●All functions related to network data transmission

HARDWARE PROGRAMMING MANAGER SYSTEM OPERATIONS PROCEDURES v. 5.7.3.0