



ERM ASCII File Layouts

Technical Bulletin	DOCERM0002
Date	December 23, 2009
Product Name	ERM
Version	ERM 7.1.1.0 and up (Unity 3.0x and up)
Distribution	All

Introduction

This is an update to the ASCII File Layout for the ERM SOP, Create ASCII Results File (ERM 7.1.1.0 and up (Unity 3.0x and up)).

The ASCII file is a file of ERM Results in one format that can be transferred to another computer or read by other software. Records are written for all counted precincts in ascending race/candidate/precinct sequence.

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Precinct Detail – with Text

The fields for **Create Precinct Detail - with Text**, not using groups, are defined below.

Record Pos.	Field	Field Definition	Notes
1 – 4	Contest Number	4 Position Numeric	
5 – 7	Candidate Number	3 Position Numeric	
8 – 11	Precinct Code	4 Position Numeric	
12 – 17	# Registered Voters	6 Position Numeric	Prints in the counter area only
12 – 17	Number of Votes	6 Position Numeric	Prints in the contest area only
18 – 20	Party Code	3 Position Numeric	
21 – 23	District Type ID	3 Position Alphanumeric	
24 – 27	District Code	4 Position Numeric	
28 – 83	Contest Title	56 Position Alphanumeric	
84 – 121	Candidate Name	38 Position Alphanumeric	
122 – 151	Precinct Name	30 Position Alphanumeric	
152 – 176	District Name	25 Position Alphanumeric	
177 – 178	Votes Allowed	2 Position Numeric	
179	Referendum Flag	1 Position Numeric	
180	CR Code (0D)		
181	LF Code (0A)		

Precinct Detail – with Text

The fields for **Create Precinct Detail - with Text**, using groups, are defined below.

Record Pos.	Field	Field Definition	Notes
1 – 4	Contest Number	4 Position Numeric	
5 – 7	Candidate Number	3 Position Numeric	
8 – 11	Precinct Code	4 Position Numeric	
12 – 17	# Registered Voters	6 Position Numeric	Prints in the counter area only
12 – 17	Number of Votes	6 Position Numeric	Prints in the contest area only
18 – 23	# Votes Group 1	6 Position Numeric	
24 – 29	# Votes Group 2	6 Position Numeric	
30 – 35	# Votes Group 3	6 Position Numeric	
36 – 41	# Votes Group 4	6 Position Numeric	
42 – 47	# Votes Group 5	6 Position Numeric	
48 – 50	Party Code	3 Position Alphanumeric	
51 – 53	District Type ID	3 Position Alphanumeric	
54 – 57	District Code	4 Position Alphanumeric	
58 – 113	Contest Title	56 Position Alphanumeric	
114 – 151	Candidate Name	38 Position Alphanumeric	
152 – 181	Precinct Name	30 Position Alphanumeric	
182 – 206	District Name	25 Position Alphanumeric	
207 – 208	Votes Allowed	2 Position Numeric	
209	Referendum Flag	1 Position	
210	CR Code (0D)		
211	LF Code (0A)		