

**TEES 2009**  
**Release Notes Ver. 1.5**  
**5/13/2009**  
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Errata 1 and 2 additions are in **Red**  
TEES 2007 Draft Changes are in **Blue**  
TEES 2008 Final Draft Changes in **Green**  
ATC Standard Linux Configuration items in **Yellow**  
TEES 2009 Changes in **Pink**

Item	Description of Item	Section
<b>General</b>		
1	Addresses and updates all Referenced Standards	Chapter 1
<b>Model 2070 Controller</b>		
2	Adds Errata 1 and 2 to TEES 2009	Various Sections
3	Addresses Front Panel Compatibility between Vendors, Hardware Demensions	Detail A9-1, A9-10
4	Makes Front Panel Compliant to EIA-310B as specified in the TEES	Detail A9-1, A9-10
5	Eliminates the 2070-4B Power Supply	9.1.1, 9.5.1
6	Adds C50J	Detail A9-1, A9-10
7	Adds AC Fail/Power Down Output Lines Clarifications	9.5.5.1
8	Clean up and clarified F/IO Specification , Makes Controllers compatible.	Various Sections
9	Completes 2070-1C CPU Spec	9.2.3, 9.2.5, 9.2.8 Detail A9-15
10	Adds new 2070LX Version (ATC Version)	9.1.1
11	Adds further enhances to <b>Ver</b> Module from TEES 2008 Final Draft	9.2.7.6.4
12	Adds further enhances to <b>netcfg</b> Module from TEES 2008 Final Draft	9.2.7.5.5
13	Upgrades Datakey Requirement to 3.3 Volts	9.2.6
14	Address all network issues with Model 2070 -1B CPU	9.2.4.10

15	Fixes Nema specs and drawings	Chapter 11
16	Adds Communication Loading Requirements	9.2.10
17	Upgrades OS-9 requirements to the latest.	9.2.7.1
18	Cleans up compatibility issues between vendors on Timers.	9.2.7.2
19	Clarifies Daughter Board requirements	1.2.10
20	Clarifies 2070-6A specs	Chapter 10
21	Clarifies Shunts, jumpers & switches configurations	9.3.5.2, 11.2.2, 11.4.9
22	Adds Txd & Rxd LEDs to Sp3, Sp5 & Sp8	Details 9-7, A9-8
23	Resizes thumbscrews	Detail A9-10
24	Adds 2070-3D, 16 lines display	Detail A9-1, A9-10
25	Renames Model 2070-1B to Model 2070 -1E	Various Sections
26	Adds isolation & ESD protection C50, USB, Ethernet, Front Panel	Various Sections
27	Clarifies Power supply LEDs requirements regarding Voltage Levels	Various Sections
28	Adds 2070-6D specs	10.3
29	Adds 2070-Fx Network Module Spec	10.4
30	Adds 2070 -6W Wireless Modem Spec	10.5
31	Adds 2070-9A FSK/Dial Up Modem Spec	10.6
32	Adds 2070 -1E Serial 2 Network Module Spec	10.7
33	Adds 2070-6AE and 2070-6BE Modem Spec	10.1
34	Adds 2070-9D Dial-Up Modem Spec	10.8
35	Adds 2070-9B FSK /Dial-Up Modem Spec	10.6
36	Adds 2070-9E FSK/Dial-Up Modem Spec	10.6
37	Addresses Front Panel Compatibility between Vendors regarding Cursor	9.4.5.1
38	Addresses Serial Ports Compatibility between Vendors	9.2.7.3.1 & 9.2.8.3.1, Detail A9-16
39	Addresses Model 2070 -7A and Serial Port 3 Conflict	10.2
<b>Model 170 Controller</b>		
41	Adds 400N network module	2.5
42	Adds 400F Fiber module	2.6
43	Adds 400D Dial-Up Modem	A2-7
44	Adds 400B and 400BE Modem	2.3

### Model 334/332 Cabinet

45	Adds Chapter 6 as part of TEES and reorganizes all drawings	Chapter 6
46	Replaces Terminal Block and MOVs with New Service Panel Assembly (SPA)	Chapter 6
47	Adds Main Circuit Break to incoming power as part of SPA	Chapter 6
48	Replaces Mercury Contactor with Solid State Relay as per Health and Safety code Section 25214.8.5	Chapter 6
49	Incorporates TSCES 1989 Specs	Chapter 6
50	Re-designs Model 332, 334 and 336 Cabinets	Chapter 6
51	Re-names Cabinets to 332L, 334L and 336L	Chapter 6
52	Adds Model 206L Power Supply Spec	Chapter 6
53	Renames PDA to PDA#1L, PDA#2L, and PDA#3L	Chapter 6
54	Adds Optional Battery Backup Interface to 33x Cabinets	Chapter 6
<b>Model ITS Cabinets</b>		
54	Deletes ITS Specifications and refers ITS Standard	Various Sections