



TETRA Interoperability Certificate

Trunked Mode Operation

Teltronic, NEBULA, SwMI – Motorola Solutions, MTP3550, Terminal

Zaragoza, January 2019

Latest Certified SwMI SW Release:	v1/2850	Latest Certified Terminal SW Release:	MR17.3
Latest Certified SwMI HW Release:	1.17.28.26.31	Latest Certified Terminal HW Release:	PTBP952HE

ISCTI (Istituto Superiore delle Comunicazioni e delle Tecnologie dell'Informazione) certifies, that the Teltronic, NEBULA, SwMI and the Motorola Solutions, MTP3550, terminal have been subject to interoperability testing for the "certified" features listed on second page of this certificate, in accordance with the TETRA Interoperability Profiles, TIP compliance Test Plan and related TETRA interoperability requirement tables.

The table lists all the available TETRA interoperability profiles, and summarizes the main functionalities of every profile according to the TETRA interoperability requirement tables.

A feature is "Certified" when it has been successfully tested during the last test session with one of the testing method described in the TETRA process document part 1 (TPD001-01).

A breakdown into the feature details is given in the Feature Compliance Overview section of this certificate.

This certificate has been issued following a fully witnessed multiple test session between Teltronic and Motorola Solutions on January 2019. Detailed test results are listed in the Test Report associated to this Certificate. Details and explanation about the procedure used to provide verdicts are in the TIC process TPD001-01.

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Certified features

Tetra Association TTR001-01:Core	
Registration	Certified
Group Management	Certified
Group call	Certified
Individual call	Certified
Status messages	Certified
Pre-emptive Priority Call	Certified
Emergency Call	Certified
Cell Re-selection	Certified
PSTN interconnect	Certified
MS-ISDN Numbering	
In Call Signalling	Certified
Subscriber Class Procedures	-
Common Secondary Control Channels	Certified
BS Fallback Operation	Certified
Energy Economy Mode	-
Transmit Inhibit	Certified
Mixed band operation	Certified
Tetra Association TTR001-02:SDS	
SDS Type 1, 2 or 3	Certified
SDS-TL	Certified
Store and Forward	-
Multipart SDS	-
Tetra Association TTR001-03:DGNA	
Support for individually addressed DGNA	Certified



Support for group addressed DGNA	Certified
Tolerance of unsupported DGNA functions	-
Tetra Association TTR001-04:Auth	
SwMI Initiated (non-mutual) Authentication	Certified
SwMI Initiated Authentication made Mutual by MS	Certified
, TEI Query	-
Tetra Association TTR001-05:PD	
Context Management	Certified
Single Slot Packet Data	Certified
Multi Slot Packet Data	Certified
TEDS	-
Mixed band operation	Certified
Tetra Association TTR001-09:AL	
Ambience Listening	Certified
Interaction with Transmit Inhibit	Certified
Tetra Association TTR001-10:E2EE	
E2EE Voice Call	Certified
E2EE Short Data	Certified
Tetra Association TTR001-11:AIE	
Security Class 2 Air Interface Encryption	-
Security Class 3 Air Interface Encryption	Certified
Security Class 3G Air Interface Encryption	-
Management of CMG and GSKO	-
Key Status demand	-
Change of Security Class for Fallback operation	-
Change of Security Class (other than for Fallback operation)	-
Key Management for Secure Direct Mode Operation	-
Tetra Association TTR001-12:SI	
MS initiated Service Interaction	Certified
SwMI initiated Service Interaction	Certified
Call Waiting	-



Tetra Association TTR001-13:ED			
Enable and temporary disable of an MS	Certified		
Permanent disable of an MS	Certified		
Tetra Association TTR001-14:TKD			
Delivery of Authentication Data	Certified		
Delivery of SCK	Certified		
Delivery method	Certified		
Tetra Association TTR001-19:LIP			
Location Information Protocol	Certified		



Feature Compliance Overview

The first pages of this certificate provide an indication about the main interoperable TETRA features for each TIP specification (as described in the TIC-RT). The main interoperable TETRA features' results depend on a set of sub-features, the verdicts associated to each sub-feature are directly derived from the analysis of the performed test cases.

The results associated to each feature and sub-feature are shown in the "Feature Compliance Report" table below. The main features are indicated with blue background and the associated sub-features (or second level features) have a white background.

The outcome assigned to a feature as shown on page 2, is derived by the Feature Compliance Report tables.

Outcome	Definition		
Certified	All required tests have been performed and passed		
Partial	Not all the required tests have been performed but none have failed		
-	Feature cannot be certified e.g. it is not supported by at least one product, no tests were performed, or some tests were performed but at least one failed		

The outcome is derived from the verdict assigned to a sub feature which is the result of an analysis of the test case results listed in the Test Report. The verdict assigned to each sub-feature is derived from one or several test case results or test steps result, the TETRA Interoperability requirement tables (TIC-RTs) indicate the link between sub-features and test cases for the certified set of equipment capabilities (see Test Report).

Verdict	Definition		
Passed	All mandated tests or steps of tests linked to this functionality (as per TIC-RT indication) are compliant with the TIP specification relevant to this feature or sub-feature		
Incomplete	Not all Mandated tests (as per TIC-RT indication) have been executed		
Failed	At least one of mandated test or steps of tests linked to this functionality failed to match the TIP specification relevant to this feature or sub-feature		

The verdict associated to the feature or sub-feature gives also indication about the method used to



test that feature or sub-feature. The allowed testing Methods are listed in the table below, a complete description of the procedures and constraints associated to each of them can be found in the "TPD001-01 TETRA Interoperability Certification Process Description" document.

Testing Method	Description		
Complete	All mandated tests associated to the feature or sub-feature have been executed		
Spot	Only a selection of the mandatory test cases associated to the feature or sub-feature has been executed during the test session. These tests are a subset of the tests performed on an equivalent software which has been "completely" tested against the same functionality on a different equipment, see manufacturer declaration in the associated Test Report		
Regression	Only a selection of the mandatory test cases associated to the feature or sub-feature has been executed during the test session. These tests are a subset of the tests performed on a previous version of the same software which has been "completely" tested in a previous test session against the same functionality, see manufacturer definition in the associated Test Report		
Regression on spot	The regression method (see the previous item) has been applied at this session on the verdicts from the referenced (previous) session where the spot testing method (see above) had been applied.		
Witnessed	The TIP heading lines in the Feature Compliance Report indicate whether each TIP is partially or fully witnessed by the Certification Body. Additionally, for a partially-witnessed TIP, the number of witnessed test cases that passed is shown for each the feature and sub-feature. There may have been some un- witnessed passed tests and they will have been found to be successful based on the log file evaluation		

Depending on equipment capabilities declared by the manufacturer, some features or sub features cannot be tested. The following table describes meaning of the used abbreviation:

Indication	Definition	
Not supported	The SwMI and/or MS do not support the minimum features required to verify these items	

ISCTI has made every effort to ensure that every result has been correctly evaluated in accordance



with the relevant TIPs, Test Plans and TIC-RTs. ISCTI has no liability for the test results, or towards the manufacturers.

The table on the following page lists HW and SW releases of SwMI and Terminal under test in the last four test sessions and the used TIP specifications, Test Plans and TIC-RTs.

This Certificate and Certificates from previous test sessions are available on the TCCA web site (<u>https://tandcca.com/interoperability/interoperability-certificates-and-test-reports/</u>).

The feature results are shown in the tables below.

Information on equipment under test and document references

Test Session Date/Place	Teltronic, Zaragoza, January 2019		
SwMI Type	NEBULA		
SwMI HW Release	1.17.28.26.31		
SwMI SW Release	v17.28.50		
Terminal Type	MTP3550		
Terminal HW Release	PTBP952HE		
Terminal SW Release	MR17.3		
TIP Specs and TIP Compliance Test Plans			
Core	TTR001-01 v6.3.0 IOP001-01 v3.2.1 TIC-RT001-01 v2.7.3		
SDS	TTR001-02 v2.1.3 IOP001-02 v2.2 .0 TIC-RT001-02 v2.2.2		





DGNA	TTR001-03 v2.0.0 IOP001-03 v2.0.1 TIC-RT001-03 v2.2.8		
Auth	TTR001-04 v3.0.0 IOP001-04 v2.0.0 TIC-RT001-04 v2.3.0		
PD	TTR001-05 v4.1.0 IOP001-05 v4.1.0 TIC-RT001-05 v4.0.5		
AL	TTR001-09 v2.1.0 IOP001-09 v1.2.0 TIC-RT001-09 v1.2.9		
E2EE	TTR001-10 v2.1.0 IOP001-10 v1.2.0 TIC-RT001-10 v1.2.9		
AIE	TTR001-11 v3.1.0 IOP001-11 v3.1.0 TIC-RT001-11 v3.3.2		
SI	TTR001-12 v1.1.0 IOP001-12 v1.0.0 TIC-RT001-12 v1.3.3		
ED	TTR001-13 v2.1.0 IOP001-13 v1.0.0 TIC-RT001-13 v1.5.1		
ТКД	TTR001-14 v1.0.3 IOP001-14 v1.2.0 TIC-RT001-14 v1.2.3		
LIP	TTR001-19 v1.1.0 IOP001-19 v1.2.0 TIC-RT001-19 v1.1.4		



Feature compliance report

Test Session	Teltronic Zaragoza January 2019		
	Core - Fully Witnessed Testin	g	
Registration	PASSED Spot 2_pass_of_5		
Initial registration	PASSED Spot 1_pass_of_3		
SwMI initiated location updating	Spot 0_pass_of_1		
LA timer based Periodic location updating	Not Supported		
De-registration	PASSED Complete 1_pass_of_1		
Group Management	PASSED Spot 3_pass_of_13		
Single group attachment	PASSED Spot 2_pass_of_7		
Multiple group attachment	PASSED Spot 1_pass_of_6		
MS initiated group detachment	Spot 0_pass_of_2		
SwMI initiated group detachment	Not Supported		
SwMI initiated group attachment	Not Supported		
Group call	PASSED Spot 5_pass_of_14		
Normal group call	PASSED Spot 2_pass_of_4		
Late entry	Spot 0_pass_of_1		
Priority Group scanning	PASSED Spot 1_pass_of_3		
Call setup modifications	Spot 0_pass_of_1		
Resource Queuing based on Call Priority	PASSED Spot 1_pass_of_2		
Broadcast Call	PASSED Spot 1_pass_of_3		
Limited coverage notification	Not Supported		
Individual call	PASSED Spot 1_pass_of_12		
Simplex individual call	PASSED Spot 1_pass_of_4		
Duplex individual call	Spot 0_pass_of_2		



Call setup modifications	Spot 0_pass_of_2		
Resource Queuing based on Call Priority	Spot 0_pass_of_4		
Indication of imminent call disconnection	Not Supported		
Status messages	Spot 0_pass_of_4		
Individual addressed Status transfer	Spot 0_pass_of_1		
Group addressed Status transfer	Spot 0_pass_of_3		
Pre-emptive Priority Call	Spot 0_pass_of_6		
Pre-emption of Resources	Spot 0_pass_of_2		
Pre-emption of Busy Users	Spot 0_pass_of_4		
Emergency Call	PASSED Spot 1_pass_of_3		
Pre-emption of Resources	PASSED Spot 1_pass_of_2		
Pre-emption of Busy Users	Spot 0_pass_of_1		
Call setup modifications	Not Supported		
Call disconnection by non-call owner	Not Supported		
Cell Re-selection	Spot 0_pass_of_15		
Undeclared	Spot 0_pass_of_1		
Unannounced	Spot 0_pass_of_7		
Announced - with Call Restoration	Spot 0_pass_of_7		
Announced - without Call Restoration	Not Supported		
Expedited	Not Supported		
Graceful Service Degradation Mode (GSDM)	Not Supported		
PSTN interconnect	Spot 0_pass_of_5		
TETRA Originated Call	Spot 0_pass_of_2		
PSTN Originated Call	Spot 0_pass_of_1		
DTMF over-dial	Spot 0_pass_of_1		
Emergency Telephone Calls	Spot 0_pass_of_1		
MS-ISDN Numbering			
MS ISDN - Voice Call	Not Supported		
MS-ISDN Status	Not Supported		
In Call Signalling	PASSED Spot 2_pass_of_7		
Slow Signalling on Traffic Channel (SACCH)	PASSED Spot 1_pass_of_4		



Fast Signalling on Traffic Channel			
(FACCH)	PASSED Spot 1_pass_of_3		
Subscriber Class Procedures			
Cell Selection based on Subscriber Class	Not Supported		
Subscriber Class Delivery during Location Update	Not Supported		
Use of Subscriber Class Preference Levels	Not Supported		
Common Secondary Control Channels	PASSED Spot 3_pass_of_7		
One C-SCCH per cell	PASSED Spot 2_pass_of_5		
Two C-SCCH per cell	PASSED Complete 2_pass_of_2		
Three C-SCCH per cell	Spot 0_pass_of_2		
BS Fallback Operation	PASSED Spot 2_pass_of_10		
Switch to/from BS Fallback Operation	Not Supported		
Roaming to avoid a cell in BS Fallback Operation	Spot 0_pass_of_1		
Services with BS Fallback Operation	PASSED Spot 2_pass_of_8		
Ignore a cell in Fallback Operation	Spot 0_pass_of_1		
User selectable Fallback behaviour	Not Supported		
Energy Economy Mode			
Energy Economy Mode Operation	Not Supported		
Transmit Inhibit	PASSED Spot 3_pass_of_8		
TXI Activation & De-Activation	PASSED Spot 2_pass_of_4		
TXI Activation & De-Activation with TxI Status available to the Dispatcher	PASSED Spot 1_pass_of_3		
Receipt of group addressed service during TXI	Spot 0_pass_of_1		
Mixed band operation	Spot 0_pass_of_4		
Mixed band operation, inter-cell	Spot 0_pass_of_4		
Mixed band operation, intra-cell	Spot 0_pass_of_3		
Mixed band operation, Full	Spot 0_pass_of_3		
SDS - Fully Witnessed Testing			
SDS Type 1, 2 or 3	PASSED Spot 1_pass_of_3		



SDS Type 1	Spot 0_pass_of_1		
	PASSED Complete		
SDS Type 2	1_pass_of_1		
SDS Type 3	Spot 0_pass_of_1		
SDS-TL	PASSED Spot 3_pass_of_13		
Individually Addressed	PASSED Spot 1_pass_of_2		
Group Addressed	PASSED Spot 1_pass_of_3		
Using MS-ISDN dialling	Not Supported		
SDS Reception	PASSED Spot 1_pass_of_7		
Using UCS2 coding scheme	Spot 0_pass_of_2		
Using 7-bit coding scheme	Spot 0_pass_of_2		
Using 8-bit Latin 1 coding scheme	Spot 0_pass_of_2		
Using 8-bit Latin/Cyrillic coding scheme	Not Supported		
Using 8-bit Latin 9 coding scheme	PASSED Spot 1_pass_of_2		
Store and Forward			
Individually Addressed	Not Supported		
Group Addressed	Not Supported		
Multipart SDS			
Multipart SDS	Not Supported		
	DGNA - Fully Witnessed Testin	g	
Support for individually addressed DGNA	PASSED Spot 2_pass_of_8		
Support for individually addressed DGNA assignment without attachment	Not Supported		
Support for individually addressed DGNA assignment with attachment as selected group	PASSED Spot 1_pass_of_3		
Support for individually addressed DGNA assignment with attachment as scanned group	Spot 0_pass_of_3		
Support for individually addressed DGNA assignment with rejected attachment	Not Supported		
Support for individually addressed assigment for pre-programmed group	PASSED Spot 1_pass_of_3		



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Support for group addressed DGNA	PASSED Spot 1_pass_of_5			
Support for group addressed DGNA assignment	PASSED Spot 1_pass_of_2			
Management of 'group assignment lifetime'	Spot 0_pass_of_2			
Support for group addressed DGNA deassignment	Spot 0_pass_of_1			
Tolerance of unsupported DGNA functions				
MS tolerance of unsupported individual addressed DGNA signalling	Not Supported			
MS tolerance of unsupported group addressed DGNA signalling	Not Supported			
	Auth - Fully Witnessed Testing	5		
SwMI Initiated (non-mutual) Authentication	PASSED Spot 1_pass_of_3			
Attach with authentication	PASSED Complete 1_pass_of_1			
Roaming with authentication	Spot 0_pass_of_1			
SwMI rejects MS during authentication	Spot 0_pass_of_1			
MS rejects SwMI during authentication	Not Supported			
SwMI Initiated Authentication made Mutual by MS	PASSED Spot 1_pass_of_2			
Attach with authentication	PASSED Complete 1_pass_of_1			
Roaming with authentication	Spot 0_pass_of_1			
TEI Query				
TEI Query Operation	Not Supported			
	PD - Fully Witnessed Testing			
Context Management	PASSED Spot 3_pass_of_9			
Context Activation	PASSED Spot 3_pass_of_7			
User authentication	Spot 0_pass_of_2			
Single Slot Packet Data	PASSED Spot 2_pass_of_10			
Data Transfer	PASSED Spot 1_pass_of_7			
Cell re-selection	PASSED Spot 1_pass_of_3			



Packet Data Channel sharing	Not Supported		
Multi Slot Packet Data	Spot 0_pass_of_2		
Data Transfer	Spot 0_pass_of_2		
TEDS			
TEDS with Context Activation	Not Supported		
TEDS Data Transmission, using LLC Optimisation	Not Supported		
TEDS Cell Reselection, using LLC Optimisation	Not Supported		
Mixed band operation	PASSED Spot 1_pass_of_2		
Mixed band operation, inter-cell	PASSED Spot 1_pass_of_2		
Mixed band operation, intra-cell	PASSED Spot 1_pass_of_2		
Mixed band operation, Full	PASSED Spot 1_pass_of_2		
	AL - Fully Witnessed Testing		
Ambience Listening	PASSED Spot 2_pass_of_5		
SS-AL Call Setup	Spot 0_pass_of_2		
MS initiated SS-AL disconnection	PASSED Spot 2_pass_of_3		
No Indication to affected user	PASSED Spot 2_pass_of_5		
Interaction with Transmit Inhibit	Spot 0_pass_of_1		
AL can override Txl	Not Supported		
AL cannot override TxI	Spot 0_pass_of_1		
	E2EE - Fully Witnessed Testing	5	
E2EE Voice Call	PASSED Spot 2_pass_of_6		
Individual (P2P) call	PASSED Spot 2_pass_of_4		
Group (P2MP) call	Spot 0_pass_of_2		
Clear Voice Override (CVO): Acceptance	Not Supported		
Clear Voice Override (CVO): User Initiated	Not Supported		
Clear Voice Override (CVO): Automatic	Not Supported		
E2EE Short Data	PASSED Spot 1_pass_of_5		
Short Data	PASSED Spot 1_pass_of_5		
Multipart Short Data	Not Supported		
Short Data Reception	Spot 0_pass_of_2		
Multipart Short Data Reception	Not Supported		



	AIE - Fully Witnessed Testing		
Security Class 2 Air Interface			
Encryption			
Location Updating and AI Signalling Protection	Not Supported		
TM-SCK provisioning during location updating	Not Supported		
Communications between parties using encryption	Not Supported		
Communications between clear and encrypted parties	Not Supported		
Communications between encrypted parties on a channel designated to operate in clear	Not Supported		
OTAR of TM-SCK	Not Supported		
Change of TM-SCK	Not Supported		
Packet Data with Class 2 Air Interface Encryption	Not Supported		
Tolerance of SwMI not supporting SCK-OTAR	Not Supported		
Security Class 3 Air Interface Encryption	PASSED Spot 4_pass_of_16		
Clear Location Updating and AI Signalling Protection	PASSED Spot 2_pass_of_3		
Encrypted Location Updating and AI Signalling Protection	Spot 0_pass_of_3		
DCK Forwarding at MS request	Spot 0_pass_of_3		
DCK Forwarding by SwMI (without MS request)	Not Supported		
DCK Retrieval	Not Supported		
CCK provisioning during location updating	PASSED Spot 2_pass_of_3		
Communications between parties using encryption	Spot 0_pass_of_2		
Communications between clear and encrypted parties	PASSED Spot 1_pass_of_2		
Communications between encrypted parties on a channel designated to operate in clear	Not Supported		
OTAR of CCK	Spot 0_pass_of_3		
Change of CCK	PASSED Spot 1_pass_of_4		





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Packet Data with Class 3 Air	Spot 0_pass_of_2			
Interface Encryption				
Security Class 3G Air Interface				
Encryption				
GCK Key Association setting	Not Supported			
Communications between parties	Net Course arted			
using encryption	Not Supported			
Communications between clear	Not Supported			
and encrypted parties	Not Supported			
OTAR of GCK	Not Supported			
Change of GCK	Not Supported			
Management of CMG and GSKO				
OTAR and change of CMG and				
GSKO	Not Supported			
Key Status demand				
SCK Key Status demand	Not Supported			
GCK Key Status demand	Not Supported			
GSKO Key Status demand	Not Supported			
Change of Security Class for				
Fallback operation				
Seamless change to Security Class 2	Not Currented			
for BS Fallback operation	Not Supported			
Non-seamless change to Security	Not Supported			
Class 2 for BS Fallback operation	Not Supported			
Provisioning of TM-SCK for fallback	Not Supported			
to Security Class 2 operation				
Change to Security Class 1 for BS	Not Supported			
Fallback operation				
Change of Security Class (other				
than for Fallback operation)				
Change between Security Class 3	Not Supported			
and Security Class 3G				
Change between Security Class 2	Not Supported			
and Security Class 3				
Change from Security Class 3G to Security Class 2	Not Supported			
Key Management for Secure Direct				
Mode Operation				
OTAR of DM-SCK	Not Supported			
Change of DM-SCK	Not Supported			
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SI - Fully Witnessed Testing					
MS initiated Service Interaction	PASSED Spot 2_pass_of_7				
MS initiated Circuit Mode Call during another Circuit Mode Call	PASSED Spot 2_pass_of_5				
MS initiated Circuit Mode Call during Packet Mode Transfer	Spot 0_pass_of_2				
MS initiated Packet Mode Transfer during Circuit Mode Call	Not Supported				
SwMI initiated Service Interaction	PASSED Spot 2_pass_of_10				
SwMI initiated Circuit Mode Call during another Circuit Mode Call	PASSED Spot 2_pass_of_8				
SwMI initiated Circuit Mode Call during Packet Mode Transfer	Spot 0_pass_of_2				
SwMI initiated Packet Mode Transfer during Circuit Mode Call	Not Supported				
Call Waiting					
Call Waiting in Individual Call	Not Supported				
Call Waiting in Group Call	Not Supported				
	ED - Fully Witnessed Testing				
Enable and temporary disable of an MS	PASSED Spot 3_pass_of_9				
Enable and temporary disable of an MS without authentication	Spot 0_pass_of_2				
Enable and temporary disable of an MS with authentication	PASSED Complete 2_pass_of_2				
Registration of a temporary disabled MS	PASSED Spot 1_pass_of_2				
Rejection of applicable invalid enable/disable requests	Spot 0_pass_of_3				
Removable SIMs do not affect the subscriber or equipment that has been enabled/disabled	Not Supported				
Disabling of an MS during a call or while on the PDCH	Not Supported				
Permanent disable of an MS	Spot 0_pass_of_2				
Permanent disable of an MS with authentication	Spot 0_pass_of_1				
Permanently Disabled MS cannot send air interface signalling	Spot 0_pass_of_1				



TKD - Fully Witnessed Testing		
Delivery of Authentication Data	PASSED Spot 1_pass_of_2	
Authentication Key Delivery	Spot 0_pass_of_1	
ITSI Delivery	PASSED Complete 1_pass_of_1	
Delivery of SCK	Spot 0_pass_of_1	
SCK Delivery to SCK delivery	Not Supported	
SCK Delivery to SwMI	Not Supported	
SCK Delivery to SCK loading	Spot 0_pass_of_1	
Delivery method	PASSED Spot 1_pass_of_2	
Plain text on physical media	PASSED Spot 1_pass_of_2	
Encrypted text on physical media	Not Supported	
Electronic transfer	Not Supported	
	LIP - Fully Witnessed Testing	
Location Information Protocol	PASSED Spot 6_pass_of_20	
LIP over SDS	PASSED Spot 3_pass_of_10	
LIP over Packet Data	Not Supported	
Time based reporting	PASSED Spot 1_pass_of_4	
Distance based reporting - NOT TESTABLE	Not Supported	
Reporting using Short reports	Spot 0_pass_of_2	
Reporting using Long reports	PASSED Spot 1_pass_of_2	
Reporting Enable & Disable	PASSED Spot 1_pass_of_2	
User control of Reporting	Spot 0_pass_of_1	
Temporary reporting control	Spot 0_pass_of_1	
Trigger modification	Spot 0_pass_of_1	
Control of Basic Location Parameters	Spot 0_pass_of_1	
Immediate Location Reporting	PASSED Complete 1_pass_of_1	
Reporting Lifetimes	Not Supported	
Error Reporting using Long Reports	Spot 0_pass_of_1	
Error Reporting using Short Reports	Spot 0_pass_of_1	
Positioning on Individual Call Setup	Not Supported	