



### **TETRA Interoperability Certificate**

**Trunked Mode Operation** 

# Smart Route, Thunderbird-255, SwMI — Motorola Solutions, MTP3550, Terminal

#### Scottsdale, February 2019

Latest Certified SwMI SW Release:	V1.2	Latest Certified Terminal SW Release:	MR 17.3
Latest Certified SwMI HW Release:	v1.2	Latest Certified Terminal HW Release:	PTBP952HE

ISCTI (Istituto Superiore delle Comunicazioni e delle Tecnologie dell'Informazione) certifies, that the Smart Route, Thunderbird-255, 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 Smart Route and Motorola Solutions on February 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.

**IOP** test engineer

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Date of issue: 27 February 2019

v 1





## 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	-	
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	-	
Tetra Association TTR001-02:SDS		
SDS Type 1, 2 or 3	Certified	
SDS-TL	Certified	
Store and Forward	Certified	
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	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 bee 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		
	Only a selection of the mandatory test cases associated to		
	the feature or sub-feature has been executed during the		
Spot	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		
	Only a selection of the mandatory test cases associated to		
Regression	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		
	The regression method (see the previous item) has been		
Regression on spot	applied at this session on the verdicts from the referenced		
	(previous) session where the spot testing method (see above) had been applied.		
	The TIP heading lines in the Feature Compliance Report		
	indicate whether each TIP is partially or fully witnessed by		
	the Certification Body.		
VA/:toppoppel	Additionally, for a partially-witnessed TIP, the number of		
Witnessed	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
Not supported	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 (<a href="https://tandcca.com/interoperability/interoperability-certificates-and-test-reports/">https://tandcca.com/interoperability/interoperability-certificates-and-test-reports/</a>).

The feature results are shown in the tables below.

#### Information on equipment under test and document references

Test Session Date/Place	Smart Route, Scottsdale, February 2019		
SwMI Type	Thunderbird-255		
SwMI HW Release	v1.2		
SwMI SW Release	v1.2		
Terminal Type	MTP3550		
Terminal HW Release	PTBP952HE		
Terminal SW Release	MR 17.3		
TIP Specs and TIP Compliance Test Plans			
Core	TTR001-01 v6.3.0 IOP001-01 v3.2.1 TIC-RT001-01 v273		
SDS	TTR001-02 v2.1.3 IOP001-02 v2.1.0 TIC-RT001-02 v222		



## **ISCTI**

DGNA	TTR001-03 v2.0.0 IOP001-03 v2.0.1 TIC-RT001-03 v228		
Auth	TTR001-04 v3.0.0 IOP001-04 v2.0.0 TIC-RT001-04 v231		
LIP	TTR001-19 v1.1.0 IOP001-19 v1.1.0 TIC-RT001-19 v114		





### Feature compliance report

Test Session	Smart Route Scottsdale February 2019		
	Core - Fully Witnessed Testing		
Registration	PASSED Complete 8_pass_of_8		
Initial registration	PASSED Complete 3_pass_of_3		
SwMI initiated location updating	PASSED Complete 2_pass_of_2		
LA timer based Periodic location updating	PASSED Complete 2_pass_of_2		
De-registration	PASSED Complete  1_pass_of_1		
Group Management	PASSED Complete 18_pass_of_18		
Single group attachment	PASSED Complete 8_pass_of_8		
Multiple group attachment	PASSED Complete 6_pass_of_6		
MS initiated group detachment	PASSED Complete 2_pass_of_2		
SwMI initiated group detachment	PASSED Complete 3_pass_of_3		
SwMI initiated group attachment	PASSED Complete 3_pass_of_3		
Group call	PASSED Complete 12_pass_of_12		





Normal group call  Late entry  PASSED Complete 4_pass_of_1  Priority Group scanning  PASSED Complete 1_pass_of_1  Priority Group scanning  PASSED Complete 3_pass_of_3  Call setup modifications  Not Supported  Resource Queuing based on Call Priority 1_pass_of_1  Broadcast Call  PASSED Complete 3_pass_of_3  Limited coverage notification  Not Supported  Individual call  PASSED Complete 10_pass_of_10  Simplex individual call  PASSED Complete 4_pass_of_4  PASSED Complete 2_pass_of_2  Call setup modifications  PASSED Complete 2_pass_of_2  Call setup modifications  PASSED Complete 2_pass_of_2  Resource Queuing based on Call Priority 2_pass_of_2  Indication of imminent call disconnection  Not Supported  Not Supported  Status messages  PASSED Complete 4_pass_of_4  Individual addressed Status transfer  PASSED Complete 4_pass_of_4  Individual addressed Status transfer  PASSED Complete 1_pass_of_1  PASSED Complete 3_pass_of_3  PASSED Complete 4_pass_of_4  Individual addressed Status transfer  PASSED Complete 3_pass_of_3  PASSED Complete 4_pass_of_4		I	1	1	ı
Late entry  PASSED Complete 1_pass_of_1  Priority Group scanning  PASSED Complete 3_pass_of_3  Call setup modifications  Not Supported  Priority  PASSED Complete 1_pass_of_1  PASSED Complete 1_pass_of_1  Broadcast Call  PASSED Complete 3_pass_of_3  Limited coverage notification  Not Supported  Individual call  PASSED Complete 10_pass_of_10  PASSED Complete 4_pass_of_4  Duplex individual call  PASSED Complete 2_pass_of_2  Call setup modifications  PASSED Complete 2_pass_of_2  PASSED Complete 2_pass_of_2  PASSED Complete 2_pass_of_2  Indication of imminent call disconnection  Not Supported  Not Supported  PASSED Complete 2_pass_of_2  Indication of imminent call disconnection  PASSED Complete 4_pass_of_4  Individual addressed Status transfer  PASSED Complete 1_pass_of_1  PASSED Complete 3_pass_of_3  PASSED Complete 1_pass_of_1  PASSED Complete 1_pass_of_1  PASSED Complete 1_pass_of_1  PASSED Complete 1_pass_of_3  PASSED Complete 3_pass_of_3  PASSED Complete 3_pass_of_3	Normal group call	PASSED Complete			
Late entry  1_pass_of_1  Priority Group scanning  PASSED Complete 3_pass_of_3  Call setup modifications  Not Supported  Resource Queuing based on Call Priority  1_pass_of_1  Broadcast Call  PASSED Complete 3_pass_of_3  Limited coverage notification  Not Supported  Individual call  PASSED Complete 10_pass_of_10  Simplex individual call  PASSED Complete 4_pass_of_4  Duplex individual call  PASSED Complete 2_pass_of_2  Call setup modifications  PASSED Complete 2_pass_of_2  Resource Queuing based on Call Priority  PASSED Complete 2_pass_of_2  Indication of imminent call disconnection  Not Supported  Not Supported  PASSED Complete 2_pass_of_2  Resource Queuing based on Call Priority  PASSED Complete 2_pass_of_2  Individual addressed Status transfer  Individual addressed Status transfer  PASSED Complete 1_pass_of_1  PASSED Complete 1_pass_of_1  PASSED Complete 1_pass_of_1  PASSED Complete 1_pass_of_3  PROSSED Complete 3_pass_of_3  PROSSED Complete		4_pass_of_4			
Priority Group scanning  PASSED Complete 3_pass_of_3  Call setup modifications  Not Supported  PASSED Complete 1_pass_of_1  PASSED Complete 1_pass_of_1  PASSED Complete 3_pass_of_3  Limited coverage notification  Not Supported  Individual call  PASSED Complete 10_pass_of_10  Simplex individual call  PASSED Complete 4_pass_of_4  Duplex individual call  PASSED Complete 2_pass_of_2  Call setup modifications  PASSED Complete 2_pass_of_2  Resource Queuing based on Call Priority 2_pass_of_2  Indication of imminent call disconnection  Not Supported  PASSED Complete 2_pass_of_2  Indication of imminent call disconnection  PASSED Complete 4_pass_of_4  PASSED Complete 7_pass_of_2  Resource Queuing based on Call Priority 2_pass_of_2  Indication of imminent call disconnection  PASSED Complete 4_pass_of_4  Individual addressed Status transfer  PASSED Complete 1_pass_of_1  PASSED Complete 3_pass_of_3  Pre-emptive Priority Call  PASSED Complete 3_pass_of_3  PASSED Complete	Late entry	PASSED Complete			
Call setup modifications  Resource Queuing based on Call Priority  PASSED Complete 1_pass_of_1  PASSED Complete 3_pass_of_3  Limited coverage notification  Not Supported  Individual call  PASSED Complete 10_pass_of_10  PASSED Complete 4_pass_of_4  Duplex individual call  PASSED Complete 2_pass_of_2  Call setup modifications  Resource Queuing based on Call Priority  Resource Queuing based on Call Priority PASSED Complete 2_pass_of_2  Resource Queuing based on Call Priority PASSED Complete 2_pass_of_2  Resource Queuing based on Call Priority PASSED Complete 2_pass_of_2  Resource Queuing based on Call Priority PASSED Complete 2_pass_of_2  Indication of imminent call disconnection  Not Supported  Status messages  PASSED Complete 4_pass_of_4  Individual addressed Status transfer  PASSED Complete 1_pass_of_1  PASSED Complete 1_pass_of_1  PASSED Complete 3_pass_of_3  Pre-emptive Priority Call	Late chity	1_pass_of_1			
Call setup modifications  Resource Queuing based on Call Priority  Priority	Priority Group scanning	PASSED Complete			
Resource Queuing based on Call Priority  1_pass_of_1  PASSED Complete 1_pass_of_3  Limited coverage notification  Not Supported  Individual call  PASSED Complete 10_pass_of_10  Simplex individual call  PASSED Complete 4_pass_of_4  Duplex individual call  PASSED Complete 2_pass_of_2  Call setup modifications  PASSED Complete 2_pass_of_2  Resource Queuing based on Call Priority PASSED Complete 2_pass_of_2  Indication of imminent call disconnection  Status messages  PASSED Complete 4_pass_of_4  PASSED Complete 1_pass_of_4  Individual addressed Status transfer  Group addressed Status transfer  PASSED Complete 3_pass_of_3  PASSED Complete	rifority Group scanning	3_pass_of_3			
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Individual call  PASSED Complete 10_pass_of_10  PASSED Complete 4_pass_of_4  Duplex individual call  PASSED Complete 2_pass_of_2  PASSED Complete 2_pass_of_2  PASSED Complete 2_pass_of_2  Resource Queuing based on Call Priority PASSED Complete 2_pass_of_2  Resource Queuing based on Call PASSED Complete 2_pass_of_2  Indication of imminent call disconnection  PASSED Complete 4_pass_of_4  Individual addressed Status transfer  PASSED Complete 1_pass_of_1  PASSED Complete 3_pass_of_3  Pre-emptive Priority Call  PASSED Complete 3_pass_of_3  PASSED Complete	Broadcast Call	3_pass_of_3			
Individual call  I 10_pass_of_10  PASSED Complete 4_pass_of_4  Duplex individual call  PASSED Complete 2_pass_of_2  PASSED Complete 2_pass_of_2  PASSED Complete 2_pass_of_2  Resource Queuing based on Call Priority 2_pass_of_2  Indication of imminent call disconnection  Status messages  PASSED Complete 4_pass_of_4  PASSED Complete 4_pass_of_4  Individual addressed Status transfer  PASSED Complete 1_pass_of_1  PASSED Complete 3_pass_of_3  Pre-emptive Priority Call  PASSED Complete 3_pass_of_3  PASSED Complete	Limited coverage notification	Not Supported			
Simplex individual call  PASSED Complete 4_pass_of_4  Duplex individual call  PASSED Complete 2_pass_of_2  Call setup modifications  PASSED Complete 2_pass_of_2  Resource Queuing based on Call Priority  PASSED Complete 2_pass_of_2  Indication of imminent call disconnection  PASSED Complete 4_pass_of_4  Individual addressed Status transfer  PASSED Complete 1_pass_of_1  PASSED Complete 1_pass_of_1  PASSED Complete 3_pass_of_3  PASSED Complete 3_pass_of_3  PASSED Complete 3_pass_of_3  PASSED Complete	1. 2. 1 1 1.	PASSED Complete			
A_pass_of_4  Duplex individual call  A_pass_of_4  PASSED Complete  2_pass_of_2  PASSED Complete  2_pass_of_2  Resource Queuing based on Call  Priority  Priority  Passed Complete  2_pass_of_2  Indication of imminent call disconnection  PASSED Complete  4_pass_of_4  PASSED Complete  4_pass_of_4  Individual addressed Status transfer  Group addressed Status transfer  Pre-emptive Priority Call  PASSED Complete  3_pass_of_3  PASSED Complete  3_pass_of_3  PASSED Complete	individual call	10_pass_of_10			
A_pass_of_4  Duplex individual call  PASSED Complete 2_pass_of_2  PASSED Complete 2_pass_of_2  Resource Queuing based on Call Priority  PASSED Complete 2_pass_of_2  Indication of imminent call disconnection  PASSED Complete 4_pass_of_4  Individual addressed Status transfer  PASSED Complete 1_pass_of_1  PASSED Complete 1_pass_of_1  PASSED Complete 1_pass_of_1  PASSED Complete 1_pass_of_3  PASSED Complete 3_pass_of_3  PASSED Complete	Charles to 10 th of call	PASSED Complete			
Duplex individual call  PASSED Complete 2_pass_of_2  PASSED Complete 2_pass_of_2  Resource Queuing based on Call Priority PASSED Complete 2_pass_of_2  Indication of imminent call disconnection  PASSED Complete 4_pass_of_4  PASSED Complete 4_pass_of_4  Individual addressed Status transfer  Group addressed Status transfer  PASSED Complete 1_pass_of_1  PASSED Complete 3_pass_of_3  PASSED Complete 3_pass_of_3  PASSED Complete 3_pass_of_3  PASSED Complete	Simplex individual call	4_pass_of_4			
Call setup modifications  2_pass_of_2  PASSED Complete 2_pass_of_2  Resource Queuing based on Call Priority  Priority  Indication of imminent call disconnection  Status messages  PASSED Complete 4_pass_of_4  PASSED Complete 4_pass_of_4  PASSED Complete 1_pass_of_1  Group addressed Status transfer  PASSED Complete 3_pass_of_3  PASSED Complete 3_pass_of_3  PASSED Complete 3_pass_of_3  PASSED Complete					
Call setup modifications  PASSED Complete 2_pass_of_2  Resource Queuing based on Call Priority  Passed Complete 2_pass_of_2  Indication of imminent call disconnection  PASSED Complete 4_pass_of_4  Individual addressed Status transfer  PASSED Complete 1_pass_of_1  PASSED Complete 3_pass_of_3  Pre-emptive Priority Call  PASSED Complete 3_pass_of_3  PASSED Complete	Duplex individual call	·			
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Resource Queuing based on Call Priority  2_pass_of_2  Indication of imminent call disconnection  Not Supported  PASSED Complete 4_pass_of_4  Individual addressed Status transfer  PASSED Complete 1_pass_of_1  PASSED Complete 3_pass_of_3  Pre-emptive Priority Call	Call setup modifications				
Priority  2_pass_of_2  Indication of imminent call disconnection  Status messages  PASSED Complete 4_pass_of_4  Individual addressed Status transfer  PASSED Complete 1_pass_of_1  PASSED Complete 3_pass_of_3  Pre-emptive Priority Call	Resource Queuing based on Call				
Indication of imminent call disconnection  PASSED Complete 4_pass_of_4  Individual addressed Status transfer  PASSED Complete 1_pass_of_1  PASSED Complete 3_pass_of_3  Pre-emptive Priority Call  Not Supported  Not Supported  PASSED Complete 4_pass_of_4  PASSED Complete 3_pass_of_3  PASSED Complete	Priority	2_pass_of_2			
Status messages  PASSED Complete 4_pass_of_4  Individual addressed Status transfer  PASSED Complete 1_pass_of_1  PASSED Complete 3_pass_of_3  Pre-emptive Priority Call  PASSED Complete	Indication of imminent call				
Individual addressed Status transfer  PASSED Complete  1_pass_of_1  Group addressed Status transfer  PASSED Complete  3_pass_of_3  Pre-emptive Priority Call  PASSED Complete	disconnection	Not Supported			
A_pass_of_4	Status messages	PASSED Complete			
Individual addressed Status transfer  1_pass_of_1  PASSED Complete 3_pass_of_3  Pre-emptive Priority Call  PASSED Complete		4_pass_of_4			
1_pass_of_1  Group addressed Status transfer  PASSED Complete 3_pass_of_3  Pre-emptive Priority Call  PASSED Complete	Individual addressed Status transfer	PASSED Complete			
Pre-emptive Priority Call  Pre-emptive Priority Call	marriagar adar essea statas transier	1_pass_of_1			
3_pass_of_3  Pre-emptive Priority Call  PASSED Complete	Group addressed Status transfer	PASSED Complete			
Pre-emptive Priority Call	Group addressed Status (Idlisie)	3_pass_of_3			
6 pass of 6	Pro-emptive Priority Call	PASSED Complete			
-'	The emplifier Priority Can	6_pass_of_6			
Pre-emption of Resources PASSED Complete	Pre-emption of Resources	PASSED Complete			
2_pass_of_2		2_pass_of_2			
Pre-emption of Busy Users  PASSED Complete	Pre-emption of Rusy Usors	PASSED Complete			
4_pass_of_4	Tre-emphorior busy users	4_pass_of_4			





5	PASSED Complete		
Emergency Call	3_pass_of_3		
Dro amention of Doscurres	PASSED Complete		
Pre-emption of Resources	2_pass_of_2		
Pre-emption of Busy Users	PASSED Complete		
Pre-emption of busy osers	1_pass_of_1		
Call setup modifications	Not Supported		
Call disconnection by non-call owner	Not Supported		
Cell Re-selection	PASSED Complete		
Cell Ne-Selection	15_pass_of_15		
Undeclared	PASSED Complete		
Officeciared	1_pass_of_1		
Unannounced	PASSED Complete		
onannounced	7_pass_of_7		
Announced - with Call Restoration	PASSED Complete		
Almounced - with Call Restoration	7_pass_of_7		
Announced - without Call Restoration	Not Supported		
Expedited	Not Supported		
Graceful Service Degradation Mode (GSDM)	Not Supported		
PSTN interconnect			
TETRA Originated Call	Not Supported		
PSTN Originated Call	Not Supported		
DTMF over-dial	Not Supported		
Emergency Telephone Calls	Not Supported		
MS-ISDN Numbering			
MS ISDN - Voice Call	Not Supported		
MS-ISDN Status	Not Supported		
La Call Cianallia a	PASSED Complete		
In Call Signalling	8_pass_of_8		
Slow Signalling on Traffic Channel	PASSED Complete		
(SACCH)	4_pass_of_4		
Fast Signalling on Traffic Channel	PASSED Complete		
(FACCH)	4_pass_of_4		
Subscriber Class Procedures			





Cell Selection based on Subscriber Class	Not Supported		
Subscriber Class Delivery during Location Update	Not Supported		
Use of Subscriber Class Preference	Not Supported		
Levels			
Common Secondary Control Channels	PASSED Complete		
	7_pass_of_7		
One C-SCCH per cell	PASSED Complete		
	5_pass_of_5		
Two C-SCCH per cell	PASSED Complete		
·	2_pass_of_2		
Three C-SCCH per cell	PASSED Complete		
Timee o seem per eem	2_pass_of_2		
BS Fallback Operation	PASSED Complete		
bs railback Operation	10_pass_of_10		
Switch to/from BS Fallback Operation	Not Supported		
Roaming to avoid a cell in BS Fallback	PASSED Complete		
Operation	1_pass_of_1		
	PASSED Complete		
Services with BS Fallback Operation	8_pass_of_8		
	PASSED Complete		
Ignore a cell in Fallback Operation	1_pass_of_1		
User selectable Fallback behaviour	Not Supported		
Energy Economy Mode	Trot oup porteu		
Energy Economy Mode Operation	Not Supported		
and a periodic and a	PASSED Complete		
Transmit Inhibit	5_pass_of_5		
TXI Activation & De-Activation	PASSED Complete		
TXI Activation & De-Activation with	4_pass_of_4		
Txl Status available to the Dispatcher	Not Supported		
Receipt of group addressed service	PASSED Complete		
during TXI	1_pass_of_1		
Mixed band operation			
Mixed band operation, inter-cell	Not Supported		
Mixed band operation, intra-cell	Not Supported		
The same speciation, militar con	ινοι συρροπίευ	 1	





Mixed band operation, Full	Not Supported			
SDS - Fully Witnessed Testing				
SDS Type 1, 2 or 3	PASSED Complete			
	3_pass_of_3			
SDS Type 1	PASSED Complete			
	1_pass_of_1			
SDS Type 2	PASSED Complete			
	1_pass_of_1			
SDS Type 3	PASSED Complete			
	1_pass_of_1			
SDS-TL	PASSED Complete			
	14_pass_of_14			
Individually Addressed	PASSED Complete			
,	3_pass_of_3			
Group Addressed	PASSED Complete			
	3_pass_of_3			
Using MS-ISDN dialling	Not Supported			
SDS Reception	PASSED Complete			
353 Neception	7_pass_of_7			
Using UCS2 coding scheme	PASSED Complete			
Using OC32 Coding Scheme	2_pass_of_2			
Using 7-bit coding scheme	PASSED Complete			
Osing 7-bit couling scheme	2_pass_of_2			
Heing O hit Latin 1 anding cohomo	PASSED Complete			
Using 8-bit Latin 1 coding scheme	2_pass_of_2			
Using 8-bit Latin/Cyrillic coding scheme	Not Supported			
Licing 9 hit latin 0 anding school	PASSED Complete			
Using 8-bit Latin 9 coding scheme	2_pass_of_2			
Store and Forward	PASSED Complete			
Store and Forward	4_pass_of_4			
Lo distributible Andreas established	PASSED Complete			
Individually Addressed	3_pass_of_3			
Currier Addusers d	PASSED Complete			
Group Addressed	1_pass_of_1			





Multipart SDS				
Multipart SDS	Not Supported			
D	GNA - Fully Witnessed Testing	5		
Support for individually addressed DGNA	PASSED Complete 14_pass_of_14			
Support for individually addressed DGNA assignment without attachment	PASSED Complete 4_pass_of_4			
Support for individually addressed DGNA assignment with attachment as selected group	PASSED Complete 3_pass_of_3			
Support for individually addressed DGNA assignment with attachment as scanned group	PASSED Complete 5_pass_of_5			
Support for individually addressed DGNA assignment with rejected attachment	Not Supported			
Support for individually addressed assigment for pre-programmed group	PASSED Complete 5_pass_of_5			
Support for group addressed DGNA	PASSED Complete 6_pass_of_6			
Support for group addressed DGNA assignment	PASSED Complete 3_pass_of_3			
Management of 'group assignment lifetime'	PASSED Complete 2_pass_of_2			
Support for group addressed DGNA deassignment	PASSED Complete 1_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				
SwMI Initiated (non-mutual) Authentication	PASSED Complete 5_pass_of_5			
Attach with authentication	PASSED Complete 2_pass_of_2			





		I	1	
Roaming with authentication	PASSED Complete			
	1_pass_of_1			
SwMI rejects MS during authentication	PASSED Complete			
	1_pass_of_1			
MS rejects SwMI during	PASSED Complete			
authentication	1_pass_of_1			
SwMI Initiated Authentication made	PASSED Complete			
Mutual by MS	2_pass_of_2			
Attack with authorities	PASSED Complete			
Attach with authentication	1_pass_of_1			
December with suth autication	PASSED Complete			
Roaming with authentication	1_pass_of_1			
	PASSED Complete			
TEI Query	1_pass_of_1			
	PASSED Complete			
TEI Query Operation	1_pass_of_1			
	LIP - Fully Witnessed Testing			
Landing Information Dust and	PASSED Complete			
Location Information Protocol	22_pass_of_22			
LID CDC	PASSED Complete			
LIP over SDS	11_pass_of_11			
LIP over Packet Data	Not Supported			
	PASSED Complete			
Time based reporting	5_pass_of_5			
Distance based reporting - NOT				
TESTABLE	Not Supported			
Reporting using Short reports	PASSED Complete			
Treporting daming and treports	2_pass_of_2			
Reporting using Long reports	PASSED Complete			
Treporting doing Long reports	2_pass_of_2			
Reporting Enable & Disable	PASSED Complete			
Trebot tillg Ellapie & Disable	2_pass_of_2			
User central of Penerting	PASSED Complete			
User control of Reporting	1_pass_of_1			



## **ISCTI**

Temporary reporting control	PASSED Complete		
	1_pass_of_1		
Tuinnau una difination	PASSED Complete		
Trigger modification	1_pass_of_1		
Control of Basic Location Parameters	PASSED Complete		
	1_pass_of_1		
Immediate Location Reporting	PASSED Complete		
	1_pass_of_1		
Panarting Lifetimes	PASSED Complete		
Reporting Lifetimes	1_pass_of_1		
Error Reporting using Long Reports	PASSED Complete		
	1_pass_of_1		
Error Reporting using Short Reports	PASSED Complete		
	1_pass_of_1		
Positioning on Individual Call Setup	Not Supported		