

### **TETRA Interoperability Certificate**

### Motorola Solutions, Dimetra IP R8.2, SwMI – Sepura, STP9000, Terminal

Krakow, April 2014

Latest Certified SwMI	8.2	Latest Certified Terminal	1711 013 02937
SW Release:		SW Release:	
Latest Certified SwMI	Dimetra IP R8.2	Latest Certified Terminal	PSYTW201T30WN10
HW Release:		HW Release:	

ISCTI (Istituto Superiore delle Comunicazioni e delle Tecnologie dell'Informazione) certifies, that the Motorola Solutions, Dimetra IP R8.2, SwMI and the Sepura, STP9000, 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 multi test session between Motorola Solutions and Sepura on April 2014. 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.

This v3 Certificate has been re-issued, because it has been recognized that the change of declarations for group addressed Full Callout was in contradiction with the TIC process. The result of the Callout tests 3.1.1 and 3.1.2 are not valid because the Callout host application simulator which was used to support the testing was not TIP compliant. To reflect this fact the test result "Not Applicable" (N/A) was applied to these two tests.

**IOP test engineer** 

Franco Pangallo

ISCTI - V.le America 201, 00144 Rome, Italy

Web: www.mise.gov.it

Ph.: +39 06 5444 2663, Fax: +39 06 5410904 e-mail: <u>tetra\_ctc.iscom@mise.gov.it</u>,

Head of the Procedure

**Radio Office Manager** 

Giuseppe Pierri

Date of issue 24 March 2016 v3

Test Session: Motorola Solutions, Krakow, April 2014 Motorola Solutions, Dimetra IP R8.2, SwMI -Sepura, STP9000, Terminal



## **Certified features**

Tetra Association TTR001-01:Core		
Registration	Partial	
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	Certified	
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	-	
SDS-TL	Certified	
Store and Forward	Certified	
Tetra Association TTR001-03:DGNA		
Support for individually addressed DGNA	Certified	
Support for group addressed DGNA	Certified	
Tolerance of unsupported DGNA functions	-	

Test Session: Motorola Solutions, Krakow, April 2014 Motorola Solutions, Dimetra IP R8.2, SwMI -Sepura, STP9000, Terminal



Tetra Association TTR001-05:PD		
Context Management	Certified	
Single Slot Packet Data	Certified	
Multi Slot Packet Data	Certified	
TEDS	-	
Mixed band operation	-	
Tetra Association TTR001-09:AL		
Ambience Listening	Certified	
Interaction with Transmit Inhibit	Certified	
Tetra Association TTR001-11:AIE		
Security Class 2 Air Interface Encryption	Partial	
Security Class 3 Air Interface Encryption	Certified	
Security Class 3G Air Interface Encryption	-	
Change of CMG and GSKO	Certified	
Key Status demand	Certified	
Change of Security Class for Fallback operation	Certified	
Change of Security Class (other than for Fallback operation)	Certified	
Key Management for Secure Direct Mode Operation	Certified	
Tetra Association TTR001-19:LIP		
Location Information Protocol	Certified	
Tetra Association TTR001-21:Callout		
Full Callout	Certified	
Simple Callout	-	
Interaction with other services and events	Certified	
Callout Test and Callout Availability	-	
Callout Text and Callout Pre-Coded Status	Partial	
Storage of Callout Information	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 result depend on a set of sub-feature, the outcomes 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 grey background and the associated sub-features (or second level features) have light blue background.

The outcome assigned to a sub-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.	
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.	

The verdict associated to the feature gives also indication about the method used to test that 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 have	
Complete	been executed	
	Only a selection of the mandatory test cases	
Spot	associated to the 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	
	Only a selection of the mandatory test cases	
Regression	associated to the feature has been executed during	
0	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 has been applied on the	
	verdicts based on the spot testing method	
	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	
Witnessed	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 TETRA + Critical Communications Association web site (http://www.tandcca.com/interop/page/12476).

The feature results are shown in the tables below.

Test Session Date/Place	Motorola Solutions Krakow April 2014		
SwMI Type	Dimetra IP R8.2		
SwMI HW Release	Dimetra IP R8.2		
SwMI SW Release	8,2		
Terminal Type	STP9000		
Terminal HW Release	PSYTW201T30WN10		
Terminal SW Release	1711 013 02937		
SwMI Callout Application simulator SW realese	1.1		
TIP Specs and TIP Compliance Test Plans			
Core	TTR001-01 v6.0.0 IOP001-01 v3.0.0 TIC-RT001-01 v260		

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





		,	
SDS	TTR001-02 v2.1.1 IOP001-02 v2.0.0 TIC-RT001-02 v213		
DGNA	TTR001-03 v2.0.0 IOP001-03 v2.0.1 TIC-RT001-03 v222		
PD	TTR001-05 v3.0.0 IOP001-05 v3.0.5 TIC-RT001-05 v305		
AL	TTR001-09 v2.0.0 IOP001-09 v1.1.0 TIC-RT001-09 v122		
AIE	TTR001-11 v3.0.3 IOP001-11 v3.0.2 TIC-RT001-11 v325		
LIP	TTR001-19 v1.0.0 IOP001-19 v1.0.0 TIC-RT001-19 v105		
Callout	TTR001-21 v1.0.0 IOP001-21 v1.0.0 TIC-RT001-21 v103		



### Feature compliance report

Test Session	Motorola Solutions Krakow April 2014	
	Core	
Registration	Spot Incomplete 0_pass_of_4	
ITSI attach	Spot 0_pass_of_1	
SwMI initiated location updating	Spot Incomplete 0_pass_of_2	
LA timer based Periodic location updating	Not Supported	
De-registration	Spot 0_pass_of_1	
Group Management	Spot 0_pass_of_11	
Single group attachment	Spot 0_pass_of_5	
Multiple group attachment	Spot 0_pass_of_4	
MS initiated group detachment	Spot 0_pass_of_2	
SwMI initiated group management	Not Supported	
Group call	PASSED Spot 2_pass_of_9	
Normal group call	Spot 0_pass_of_3	
Late entry	Spot 0_pass_of_1	
Priority Group scanning	Spot 0_pass_of_3	
Call setup modifications	PASSED Complete 1_pass_of_1	
Resource Queuing based on Call Priority	PASSED Complete 1_pass_of_1	
Broadcast Call	Not Supported	
Limited coverage notification	Not Supported	



Individual call	PASSED Spot 1_pass_of_7	
Simplex individual call	Spot 0_pass_of_3	
Duplex individual call	Spot 0_pass_of_2	
Call setup modifications	Not Supported	
Resource Queuing based on Call Priority	PASSED Spot 1_pass_of_2	
Indication of imminent call disconnection	Not Supported	
Status messages	Spot 0_pass_of_1	
Individual addressed Status transfer	Not Supported	
Group addressed Status transfer	Spot 0_pass_of_1	
Pre-emptive Priority Call	Spot 0_pass_of_1	
Pre-emption of Resources	Spot 0_pass_of_1	
Pre-emption of Busy Users	Not Supported	
Emergency Call	PASSED Spot 1_pass_of_2	
Pre-emption of Resources	Spot 0_pass_of_1	
Pre-emption of Busy Users	PASSED Complete 1_pass_of_1	
Call setup modifications	Not Supported	
Call disconnection by non-call owner	Not Supported	
Cell Re-selection	PASSED Spot 7_pass_of_16	
Undeclared	Spot 0_pass_of_1	
Unannounced	PASSED Spot 1_pass_of_3	
Announced - with Call Restoration	PASSED Spot 6_pass_of_12	
Announced - without Call Restoration	Not Supported	
Expedited	Not Supported	
PSTN interconnect	PASSED Spot 1_pass_of_4	



	PASSED Spot	
TETRA Originated Call	1_pass_of_2	
PSTN Originated Call	Spot 0_pass_of_1	
DTMF over-dial	Spot 0_pass_of_1	
Emergency Telephone Calls	Not Supported	
MS-ISDN Numbering		
MS ISDN - Voice Call	Not Supported	
MS-ISDN Status	Not Supported	
In Call Signalling	Spot 0_pass_of_5	
Slow Signalling on Traffic Channel (SACCH)	Spot 0_pass_of_4	
Fast Signalling on Traffic Channel (FACCH)	Spot 0_pass_of_1	
Subscriber Class Procedures	PASSED Spot 3_pass_of_6	
Cell Selection based on Subscriber Class	PASSED Spot 2_pass_of_3	
Subscriber Class Delivery during Location Update	Not Supported	
Use of Preferred Subscriber Classes	PASSED Spot 1_pass_of_3	
Common Secondary Control Channels	PASSED Spot 1_pass_of_7	
One C-SCCH per cell	PASSED Spot 1_pass_of_4	
Two C-SCCH per cell	Spot 0_pass_of_3	
Three C-SCCH per cell	Spot 0_pass_of_2	
BS Fallback Operation	PASSED Spot 2_pass_of_9	
Switch to/from BS Fallback Operation	Spot 0_pass_of_2	
Roaming with BS Fallback Operation	PASSED Spot 1_pass_of_2	
Services with BS Fallback Operation	PASSED Spot 1_pass_of_5	
Energy Economy Mode		
Energy Economy Mode Operation	Not Supported	

Test Session: Motorola Solutions, Krakow, April 2014 Motorola Solutions, Dimetra IP R8.2, SwMI -



Transmit Inhibit	PASSED Spot 4_pass_of_9	
TXI Activation & De-Activation	PASSED Spot 2_pass_of_4	
TXI Activation & De-Activation with TxI Status available to the Dispatcher	PASSED Spot 2_pass_of_4	
Receipt of group addressed service during TXI	Spot 0_pass_of_1	
Mixed band operation	PASSED Spot 1_pass_of_4	
Mixed band operation, inter-cell	PASSED Spot 1_pass_of_4	
Mixed band operation, intra-cell	PASSED Spot 1_pass_of_3	
Mixed band operation, Full	PASSED Spot 1_pass_of_3	
	Short Data Service (SD	DS)
SDS Type 1, 2 or 3		
SDS Type 1	Not Supported	
SDS Type 2	Not Supported	
SDS Type 3	Not Supported	
SDS-TL	PASSED Spot 2_pass_of_9	
Individually Addressed	PASSED Spot 1_pass_of_2	
Group Addressed	Spot 0_pass_of_2	
Using MS-ISDN dialling	Not Supported	
Using UCS2 coding scheme	Spot 0_pass_of_3	
Using 7-bit coding scheme	Spot 0_pass_of_1	
Using 8-bit Latin 1 coding scheme	PASSED Spot 1_pass_of_2	
Using 8-bit Latin 5 coding scheme	Complete	
Using 8-bit Latin 9 coding scheme	Complete	
Store and Forward	PASSED Spot 1_pass_of_3	
Individually Addressed	PASSED Spot 1_pass_of_3	

Test Session: Motorola Solutions, Krakow, April 2014 Motorola Solutions, Dimetra IP R8.2, SwMI -

Sepura, STP9000, Terminal





Group Addressed	Not Supported	
Dynamic Group Number Assignment (DGNA)		
Support for individually	PASSED Spot	
addressed DGNA	1_pass_of_11	
Support for individually		
addressed DGNA assignment	Spot 0_pass_of_4	
without attachment		
Support for individually		
addressed DGNA assignment	Spot 0_pass_of_2	
with attachment as selected	Spot 0_pass_oi_z	
group		
Support for individually		
addressed DGNA assignment	Spot 0_pass_of_3	
with attachment as scanned	Spot 0_pass_0i_5	
group		
Support for individually		
addressed DGNA assignment	Not Supported	
with rejected attachment		
Support for individually	PASSED Spot	
addressed assigment for pre-	1_pass_of_5	
programmed group	1_pass_01_0	
Support for group addressed	PASSED Spot	
DGNA	3_pass_of_5	
Support for group addressed	Spot 0_pass_of_2	
DGNA assignment		
Management of 'group	PASSED Complete	
assignment lifetime'	2_pass_of_2	
Support for group addressed	PASSED Complete	
DGNA deassignment	1_pass_of_1	
Tolerance of unsupported		
DGNA functions		
MS tolerance of unsupported		
individual addressed DGNA	Not Supported	
signalling		

Test Session: Motorola Solutions, Krakow, April 2014 Motorola Solutions, Dimetra IP R8.2, SwMI -Sepura, STP9000, Terminal





MS tolerance of unsupported			
group addressed DGNA	Not Supported		
signalling			
	Packet Data		
Context Management	Spot 0_pass_of_11		
Context Activation	Spot 0_pass_of_7		
User authentication	Spot 0_pass_of_4		
Single Slot Packet Data	PASSED Spot		
Data Transfer	4_pass_of_9 PASSED Spot 2_pass_of_6		
Cell re-selection	PASSED Spot 2_pass_of_3		
Multi Slot Packet Data	PASSED Spot 1_pass_of_4		
Data Transfer	PASSED Spot 1_pass_of_4		
TEDS			
TEDS with Context Activation	Not Supported		
TEDS Data Transmission, using LLC Optimisation	Not Supported		
TEDS Data Transmission, not using LLC Optimisation	Not Supported		
TEDS Cell Reselection, using LLC Optimisation	Not Supported		
TEDS Cell Reselection, not using LLC Optimisation	Not Supported		
Mixed band operation	Complete		
Mixed band operation, inter-cell	Complete		
Mixed band operation, intra-cell	Complete		
Mixed band operation, Full	Complete		
TE	TETRA Ambience Listening (SS-AL)		
Ambience Listening	PASSED Spot 1_pass_of_5		

Test Session: Motorola Solutions, Krakow, April 2014 Motorola Solutions, Dimetra IP R8.2, SwMI -





SS-AL Call Setup	Spot 0_pass_of_2	
MS initiated SS-AL	PASSED Spot	
disconnection	1_pass_of_3	
	PASSED Spot	
No Indication to affected user	1_pass_of_5	
	PASSED Spot	
Interaction with Transmit Inhibit	1_pass_of_2	
	PASSED Complete	
AL can override TxI	1_pass_of_1	
AL cannot override TxI	Spot 0_pass_of_1	
	Air Interface Encryption	on
Security Class 2 Air Interface	Spot Incomplete	
Encryption	2_pass_of_20	
Location Updating and AI		
Signalling Protection	Spot 0_pass_of_7	
TM-SCK provisioning during		
location updating	Spot 0_pass_of_2	
Communications between		
parties using encryption	Spot 0_pass_of_2	
Communications between clear	PASSED Spot	
and encrypted parties	1_pass_of_3	
Communications between		
encrypted parties on a channel	Spot 0_pass_of_2	
designated to operate in clear		
OTAR of TM-SCK	Spot 0_pass_of_2	
Change of TM SCK	PASSED Spot	
Change of TM-SCK	1_pass_of_4	
Packet Data with Class 2 Air	Spot Incomplete	
Interface Encryption	0_pass_of_2	
Security Class 3 Air Interface	PASSED Spot	
Encryption	10_pass_of_25	
Clear Location Updating and AI	Spot 0 page of 4	
Signalling Protection	Spot 0_pass_of_4	
Encrypted Location Updating	PASSED Spot	
Motorala Solutions, Krakow, April 2014		

Motorola Solutions, Dimetra IP R8.2, SwMI -



and AI Signalling Protection	6_pass_of_8	
DCK Forwarding at MS request	Not Supported	
DCK Forwarding at MS request		
DCK Forwarding by SwMI	PASSED Complete	
(without MS request)	1_pass_of_1	
DCK Retrieval	PASSED Spot	
	5_pass_of_7	
CCK provisioning during	PASSED Spot	
location updating	1_pass_of_7	
Communications between parties using encryption	Spot 0_pass_of_2	
Communications between clear	PASSED Spot	
and encrypted parties	2_pass_of_3	
Communications between encrypted parties on a channel designated to operate in clear	Spot 0_pass_of_2	
OTAR of CCK	Spot 0_pass_of_2	
	PASSED Spot	
Change of CCK	1_pass_of_4	
Packet Data with Class 3 Air	PASSED Spot	
Interface Encryption	1_pass_of_2	
Security Class 3G Air Interface	FAILED Spot	
Encryption	0_pass_of_8	
GCK Key Association setting	Spot 0_pass_of_2	
Communications between parties using encryption	Spot 0_pass_of_2	
Communications between clear and encrypted parties	Spot 0_pass_of_1	
	FAILED Spot	
OTAR of GCK	0_pass_of_2	
	FAILED Spot	
Change of GCK	0_pass_of_3	
Management of CMG and	PASSED Spot	
GSKO	1_pass_of_5	

Test Session: Motorola Solutions, Krakow, April 2014 Motorola Solutions, Dimetra IP R8.2, SwMI -



OTAR and change of CMG and GSKO	PASSED Spot 1_pass_of_5	
Key Status demand	PASSED Spot 1_pass_of_4	
SCK Key Status demand	Spot 0_pass_of_2	
GCK Key Status demand	Spot 0_pass_of_1	
GSKO Key Status demand	PASSED Complete 1_pass_of_1	
Change of Security Class for Fallback operation	PASSED Spot 2_pass_of_12	
Seamless change to Security Class 2 for BS Fallback operation	PASSED Spot 2_pass_of_10	
Non-seamless change to Security Class 2 for BS Fallback operation	Not Supported	
Provisioning of TM-SCK for fallback to Security Class 2 operation	Spot 0_pass_of_2	
Change to Security Class 1 for BS Fallback operation	Not Supported	
Change of Security Class (other than for Fallback operation)	Spot 0_pass_of_5	
Change between Security Class 3 and Security Class 3G	Spot 0_pass_of_2	
Change between Security Class 2 and Security Class 3	Spot 0_pass_of_2	
Change from Security Class 3G to Security Class 2	Spot 0_pass_of_1	
Key Management for Secure Direct Mode Operation	PASSED Spot 1_pass_of_3	
OTAR of DM-SCK	PASSED Spot 1_pass_of_3	
Change of DM-SCK	PASSED Spot	

	1_pass_of_2	
LIP		
Location Information Protocol	PASSED Spot 4_pass_of_8	
LIP over SDS	PASSED Spot 2_pass_of_5	
LIP over Packet Data	Not Supported	
Time based reporting	PASSED Spot 1_pass_of_3	
Distance based reporting - NOT TESTABLE	Not Supported	
Reporting using Long reports	Spot 0_pass_of_1	
Reporting Enable & Disable	Not Supported	
Temporary reporting control	Not Supported	
Trigger modification	Not Supported	
Immediate Location Reporting	PASSED Complete 1_pass_of_1	
Reporting Lifetimes	Not Supported	
Error Reporting	PASSED Complete 1_pass_of_1	
	Callout	
Full Callout	Passed Spot 4_pass_of_13	
Individually Addressed Full Callout with request for Terminal Receipt message and with request for User Receipt	Spot 0_pass_of_2	
message Group Addressed Full Callout without request for Terminal Receipt message and without	N/A	

Test Session: Motorola Solutions, Krakow, April 2014 Motorola Solutions, Dimetra IP R8.2, SwMI -



request for User Receipt			
message			
Using current selected group	N1/A		
during Full Callout	N/A		
Full Callout with immediate	On at 0 many of 4		
change to Callout Group	Spot 0_pass_of_1		
Full Callout with change to			
Callout Group on non-rejecting	Spot 0_pass_of_1		
user response			
Full Callout with rejecting User	Crat 0 reas of 1		
Receipt message	Spot 0_pass_of_1		
Full Callout with timeout for	PASSED Complete		
User Receipt message	1_pass_of_1		
Callout Incident Information	PASSED Spot		
messages	1_pass_of_2		
	PASSED Spot		
Group Call to Callout Group	1_pass_of_4		
Find of Full College	PASSED Spot		
End of Full Callout	1_pass_of_3		
Simple Callout			
Individually Addressed Callout			
with request for Terminal			
Receipt message and with	Not Supported		
request for User Receipt			
message			
Individually Addressed Callout			
with request for Terminal			
Receipt message and without	Not Supported		
request for User Receipt			
message			
Group Addressed Callout			
without request for Terminal			
Receipt message and without	Not Supported		
request for User Receipt			
message			
Motorola Solutions, Krakow, April 2014			

Motorola Solutions, Dimetra IP R8.2, SwMI -





Group Addressed Callout without request for Terminal Receipt message and with request for User Receipt message	Not Supported	
Simple Callout with rejecting User Receipt message	Not Supported	
Simple Callout with timeout for User Receipt message	Not Supported	
Interaction with other services	PASSED Spot	
and events	8_pass_of_27	
Interaction with previous Callout	PASSED Complete 2_pass_of_2	
Interaction with emergency call	PASSED Spot 1_pass_of_3	
Interaction with non-emergency call	PASSED Spot 2_pass_of_11	
Interaction with data and status	PASSED Spot 3_pass_of_11	
Interaction with local services	Not Supported	
Manual exit	Spot 0_pass_of_1	
Callout Test and Callout Availability		
Callout Test	Not Supported	
Callout Availability	Not Supported	
Callout Text and Callout Pre-	Spot Incomplete	
Coded Status Callout Text	2_pass_of_10 PASSED Spot 1_pass_of_4	
Concatenated Callout Text	PASSED Spot 1_pass_of_2	
Callout Pre-Coded Status	Spot Incomplete 0_pass_of_4	
Storage of Callout Information	Spot 0_pass_of_2	
Viewing Callout information	Spot 0_pass_of_1	





from previous Callout(s)			
Deletion of Callout information			
from previous Callout(s)	Spot 0_pass_of_1		



### Annex A

#### Annex A

#### List of Revisions of the Certificate

Date	Ver.	Modification
8 October 2014	1	First published version
22 October 2014	2	updating: "A SwMI declaration is changed to reflect the inability to support group addressed Full Callout as per the TIP specification" consequently has changed the verdict on Full Callout from "-" to "Passed" on Certified Features and the number of "Full Callout" tests on "Feature
24 March 2016	3	compliance report"   Table.   Re-instated the SwMI group addressed Full Callout declaration, to "yes" as the process only allows declaration changes in case of human errors. This case was not a human error, the fault was in the Callout host application simulator. The following updates have been done: "Feature compliance report" table outcomes from "Not Supported" to "N/A" for "Group Addressed Full Callout without request for Terminal Receipt message and without request for User Receipt message" and for "Using current selected group during Full Callout".

#### Head of the Procedure

Ivano Luciani

#### **Radio Office Manager**

Giuseppe Pierri \$ 11