



# DMR ASSOCIATION INTEROPERABILITY TEST SUMMARY

## DMR Tier II Interoperability Test Report

DMR ASSOCIATION

Document Name: EMC-Selex Elsag Test Summary June 2012  
 Dates of Report : 4<sup>th</sup> June 2012  
 DMR Association Test Laboratory Code: DMRA100401  
 DMRAssociation\_TIER\_II\_Interoperability\_Test\_Laboratory Location: Via Palmanova, 185 - 20132 Milan - Italy  
 Date(s) of Test : 4<sup>th</sup> June 2012

Equipment Details:

<b>Manufacturer A DMR Equipment System Tested</b>		
<b>Manufacturer</b>	Selex Elsag – Base Station	
<b>Model</b>	ECOS-D F5/67D-HDE	
	<b>ID</b>	<b>Version</b>
	4by-bn000006-x	4.2.1.1
<b>Firmware</b>	77DSYNC000020	07
	77DPPARF000020	06
	77DRTXD000040	22
	77SWIT000020	06
<b>Operating Freq. Range</b>	136 - 174 MHz	
<b>Serial Number(s)</b>	270869	

<b>Manufacturer B DMR Equipment System Tested</b>		
<b>Manufacturer</b>	EMC - Mobile Station	
<b>Model</b>	LANDER DMR	
<b>Firmware</b>	DDSTDF05	
<b>Operating Freq. Range</b>	146 - 174 MHz	
<b>Serial Number(s)</b>	9DD1RVH0-0-00074, 9DD1RVH0-0-00091,	
	9DD1RVH0-0-00094, 9DD1RVH0-0-00095	

Testers Initials: Francesca Lowell Approver Initials: RG



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### Test Sessions Verdicts

[1] Interoperability Testing For DMR Tier 2 Systems - Mandatory V. 1.0.1

Test Session	Feature	Feature's Status	Verdict	Comments
[1] - 2.3 Group Call	Group Call in repeater mode	M	P	Tested the following functionalities : Repeater mode : Channel Access, BS Activation, Voice Repeating, Call Hangtime, Late Entry.
[1] - 2.4 Individual Call - PATCS	Individual PATCS call in repeater mode	M	P	Tested the following functionalities : Repeater mode : Channel Access, BS Activation, Voice Repeating, Call Hangtime, Late Entry
[1] - 2.5 Individual Call - OACSU	Individual OACSU call in repeater mode	M	P	Tested the following functionalities : Repeater mode : Channel Access, BS Activation, Voice Repeating, Call Hangtime
[1] - 2.6 All Call	All Call in repeater mode	M	P	Tested the following functionality : Repeater mode : Channel Access, BS Activation, Voice Repeating, Late Entry.

Date of report issue: 4<sup>th</sup> June 2012

Testers Initials: Peruvallath · Approver Initials: R.G



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[1] Interoperability Testing For DMR Tier 2 Systems - Optional V. 1.0.2

Test Session	Feature	Feature's Status	Verdict	Comments
[1] – 2.3 Radio Check	Radio Check in repeater mode	○	Passed	Tested the following functionalities : Channel Access, BS Activation, Radio Check initiation and response.
[1] – 2.4 Call Alert	Call Alert in repeater mode	○	Passed	Tested the following functionalities : Channel Access, BS Activation, Call Alert initiation and response.
[1] – 2.5 Radio Disable/Enable	Radio Disable/Enable in repeater mode	○	Passed	Tested the following functionalities : Channel Access, BS Activation, Radio Disabling, Re enabling the disabled radio
[1] – 2.6 Remote Monitor	Remote Monitor in repeater mode	○	Passed	Tested the following functionalities : Channel Access, BS Activation, Initiating Remote Monitor, Voice repeating from a radio being monitored.
[1] – 2.7 Emergency Alarm	Emergency Alarm in repeater mode	○	Passed	Tested the following functionalities : Channel Access, BS Activation, Emergency Alarm initiation and response
[1] – 2.8 Emergency Call	Emergency Call in repeater mode	○	Passed	Tested the following functionalities : Channel Access, BS Activation, Emergency voice repeating, Group voice repeating, Late Entry

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Testers Initials:                      Approver Initials: