

Ship integration and ship reporting

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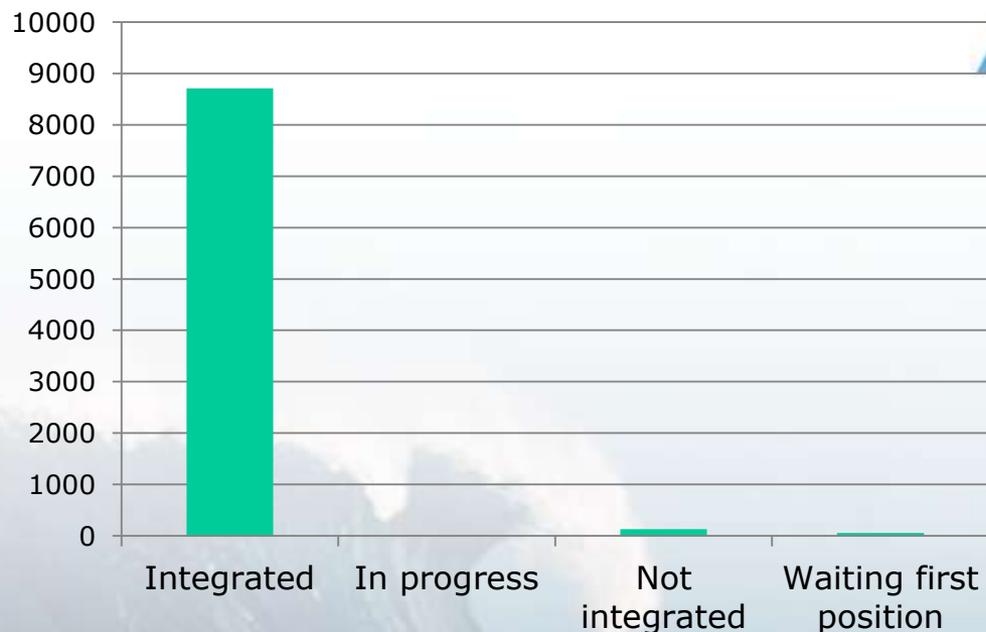
4th LRIT NCA meeting

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I.1- Integration of ships

- presentation covers status on given day: 27 April 2011
- 8899 ships in EU LRIT DC / LRIT Ship DB (+5.8%)
- 98% integrated



I.2- Integration of ships: causes for non-integration

- Out of 129 ships “Not integrated”, causes are the following:

Cause of failure	7 June '10	12 Oct '10	27 April '11
DNID downloading protocol failed	102	85	61
Invalid radio ID in LRIT ship DB	24	12	25
Shipborne equipment activated after the CTR date of issue	21	18	27
Shipborne equipment logged out	20	18	13
Shipborne equipment deactivated	2	1	3
Total	169	134	129

I.3- How to facilitate the integration?

CGs should communicate closely with shipping community and testing ASPs:

- 1 – To ensure data entered in LRIT ship DB is accurate & up to date (CTR: official source of information for any change of terminal)
- 2 – To ensure terminal:
 - is still turned on
 - and workingafter the CTR is issued -> connection possible for the DNID upload and 6hr programming

I.4- How to update the EU Ship DB for a re-integration?

Cause of non-integration (cause of failure)	Re-integration automatic (in Ship DB: <u>“Change of terminal” = YES</u>)	Re-integration manual (button Re-Integrate Ship)
Shipborne equipment deactivated	X	
Invalid radio ID in LRIT ship DB	X	
Shipborne equipment activated after the CTR date of issue	X	
Shipborne equipment superseded	X	
DNID downloading protocol failed		X
Shipborne equipment logged out		X
Shipborne equipment is barred		X

I.5- Ship NOT integrated: action for CG

NEW: *Re-Integrate Ship* button available to CGs:

- for NCA or roles containing Flag Full
- no longer need to request MSS (TN8 v1.1)
- **BUT:** checks to be done before using it!

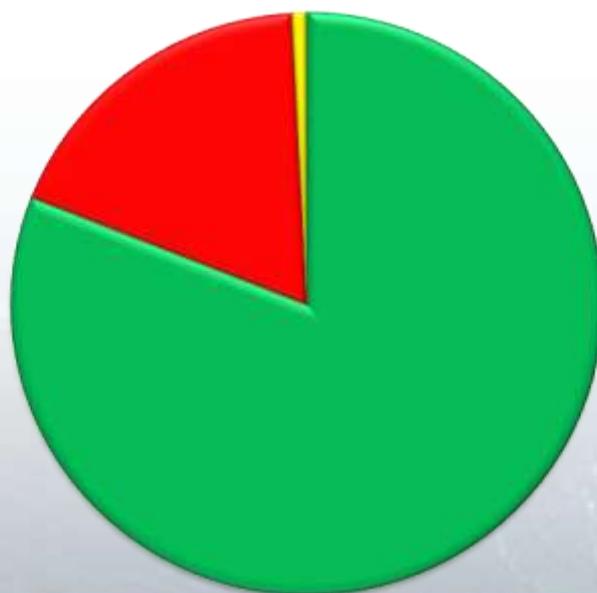
As always: check UWI, Ship management menu/Ship integration, to detect “Not integrated” ships

... and act according to TN8 v1.1

Integration and Re-integration costs are still paid by EMSA

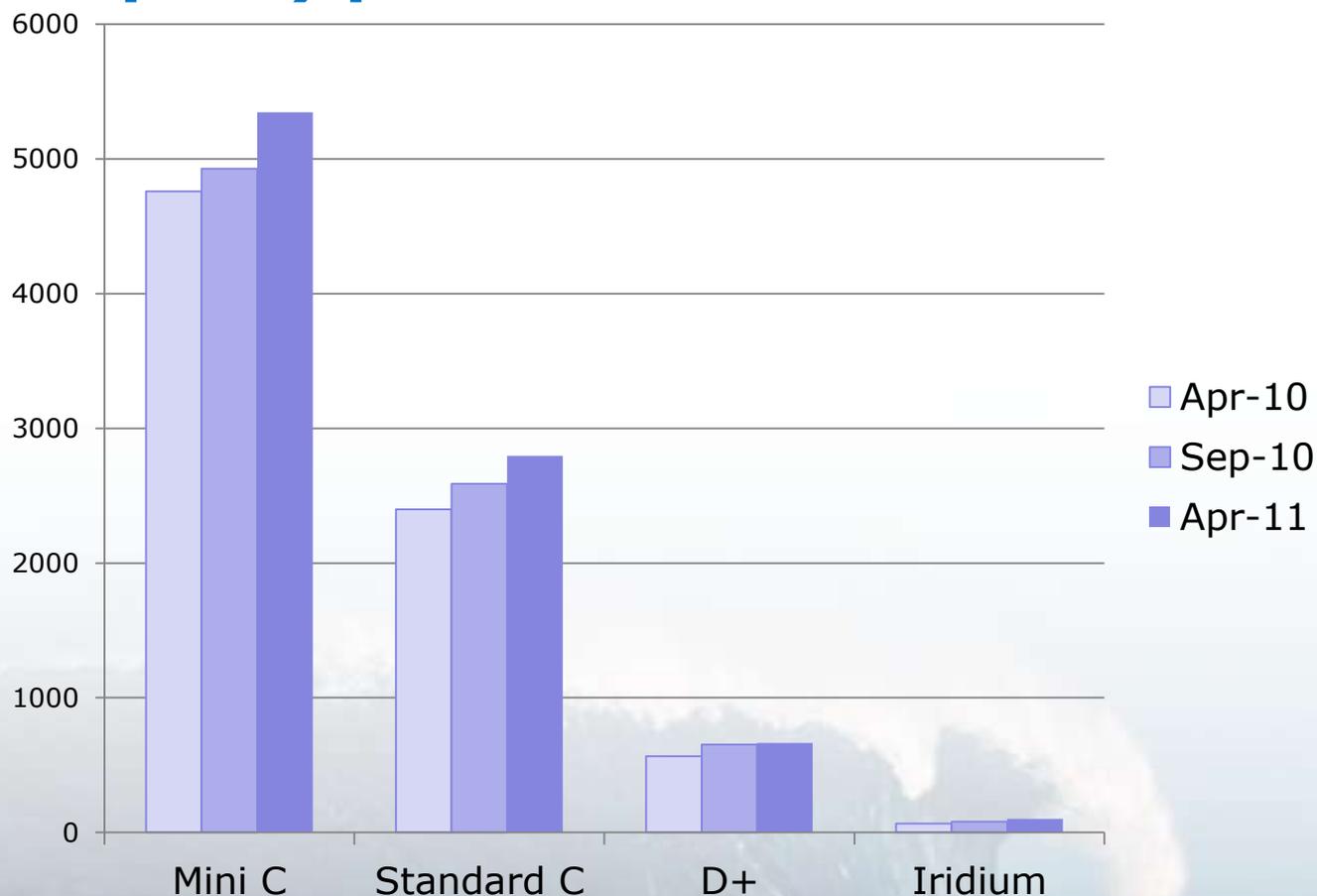
II.1- Reporting of ships: how many?

- On 27 April 2011:
8715 ships with status “Integrated” in the EU
LRIT DC (+5.3%):

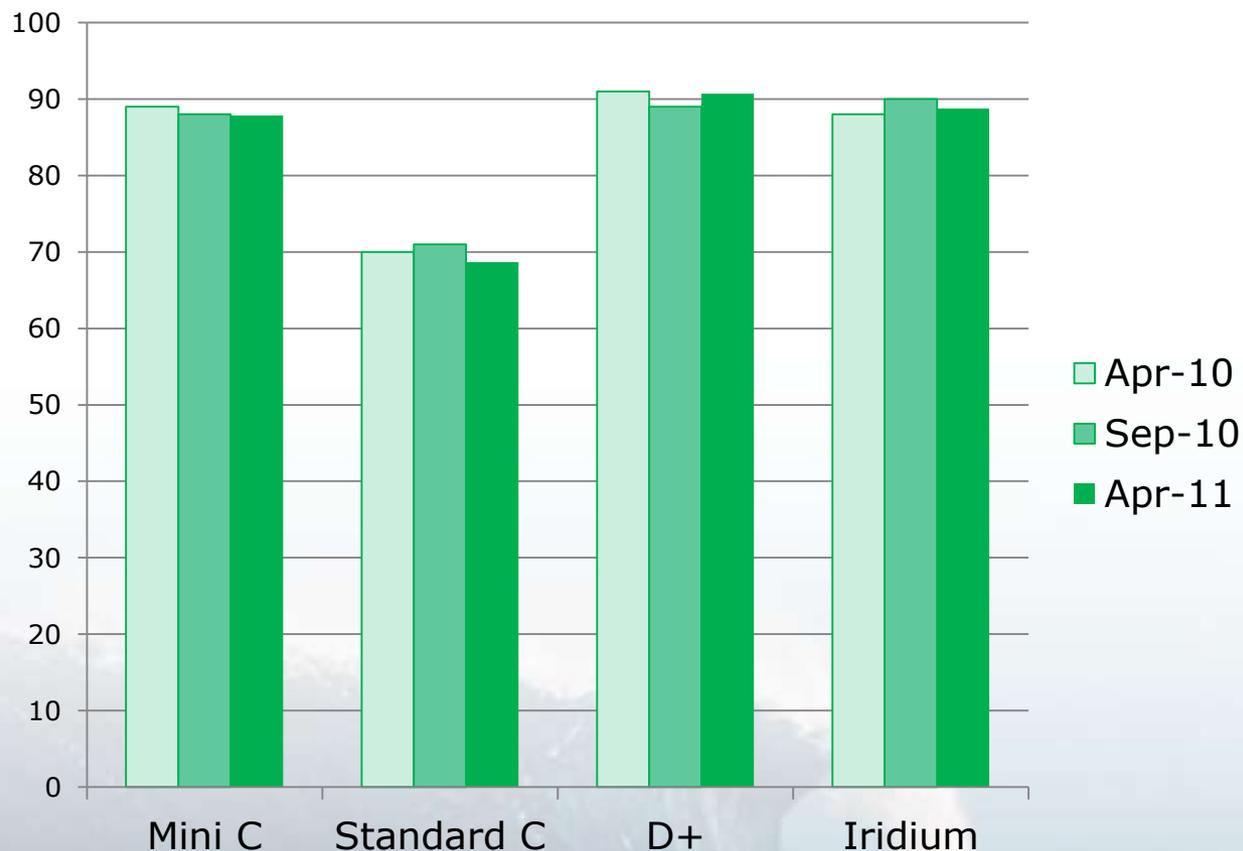


- Reporting (81%)
- Not reporting (18.2%)
- Stopped by ASP/CG (0.8%)

II.2- Evolution in the number of terminals (in Ship DB) per communication network



II.3- Evolution of % reporting terminals per communication network



II.4

R e p o r t i n g p e r C G

Flag	Nb ships intgrated	% reporting Oct-2010	% reporting Apr-2011	Restart	Stop	DNID Upload
ANT	74	85.0%	83.8%	25	1	1
BEL	123	88.1%	79.7%	13		1
BGR	27	67.6%	77.8%	48	1	
CYP	831	74.9%	72.9%	1		4
DEU	390	94.0%	94.6%	1195	4	31
DNK	410	90.4%	92.7%	160	3	34
ESP	218	91.5%	78.9%	535	10	3
EST	15	93.3%	100.0%	3		
FIN	108	70.2%	86.1%	121	84	16
FLK	2	N/A	100.0%			
FRA	200	82.7%	75.0%	1		1
GBR	691	84.6%	77.9%	620	5	1
GIB	265	N/A	79.6%			
GRC	759	97.0%	92.5%	312	33	19
HRV	55	N/A	90.9%	166	55	
IRL	25	88.0%	72.0%	93		3
ISL	2	100.0%	100.0%			
ITA	697	93.4%	94.4%	552	39	154
LTU	43	90.7%	88.4%	8		
LUX	139	75.4%	74.8%	93	89	4
LVA	14	92.3%	100.0%	8	2	1
MLT	1668	79.0%	74.2%	1511		5
NLD	835	85.8%	75.7%	11		2
NOR	822	81.9%	78.3%	405		3
POL	26	90.0%	96.2%	7	1	
PRT	117	81.2%	81.2%	41	27	2
ROU	2	100.0%	100.0%			
SVN	3	0.0%	0.0%			
SWE	148	81.5%	77.7%	8	1	1
VGB	6	N/A	83.3%			
Total	8715	82.30%	81.0%	5937	355	290

II.5- Reporting : evolution

- Globally: % reporting: - **1.3%**
- Main issue: still with Standard C terminals (average 70% reporting)
 - > CGs mainly using these terminals, there is need for monitoring and actions to improve reporting
- Number of restarts: about 30 per day (27 for last NCA meeting)
- Number of DNID uploads: about 1.5 per day (2.5 for last NCA meeting)

II.5- Reporting : ways for improvement

- **NEW:** *DNID Upload* button available to CGs:
 - for NCA or roles containing Flag Full
 - no need anymore to request MSS (TN8 v1.1)
 - complete the set of commands: Stop and Restart
 - **BUT:** checks to be done anyway before using it!
- Updated Technical Note 8 (v1.1)
 - Procedure Not reporting: CGs now have full control to act
- Ship History: able to see recurrent problems for a ship

Stop, Restart, DNID Upload costs are still paid by EMSA

III- Conclusion

- Integration: good results, but quality of data in LRIT Ship DB to be checked: CGs should use Testing ASPs to get updated CTRs
- Reporting: could be improved with the help of CGs
 - Constant monitoring of the fleet through the UWI
 - Use of the UWI: Restart, DNID Upload
 - Use of TN8 v1.1
 - Follow-up with shipowners

