



# 10<sup>th</sup> NCA meeting

## Agenda item 10.1.1 - Performances

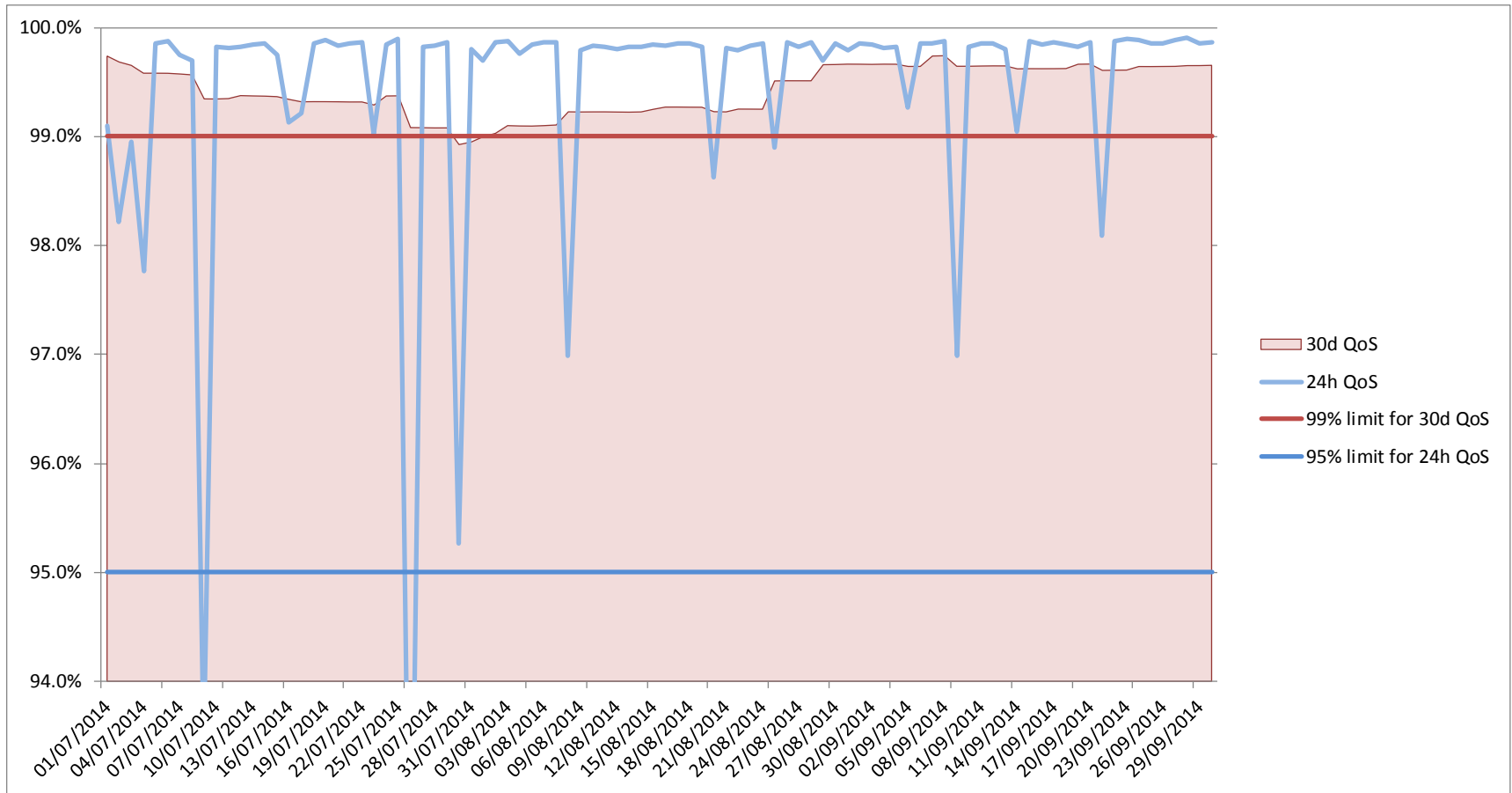
Vincent Guida / Senior Project Officer  
Department C: Operations/Unit C.2.2

Lisbon / 29 October 2014

# Performance: IMO QoS 30 day & 24h



On average: above performances requirements



**Quality of Service =  $\frac{\text{Number of Position Reports meeting Latency requirement}}{\text{Total number of Position Reports}}$**

# EU DC System Availability

<b>Reference Period</b>	<b>EU DC availability &gt; 99%</b>	<b>User Web Interface availability &gt; 95%</b>
Q1 2014	99.84%	99.75%
Q2 2014	99.70%	99.75%
Q3 2014	99.34%	99.63%

**Measure using message 11 System status**

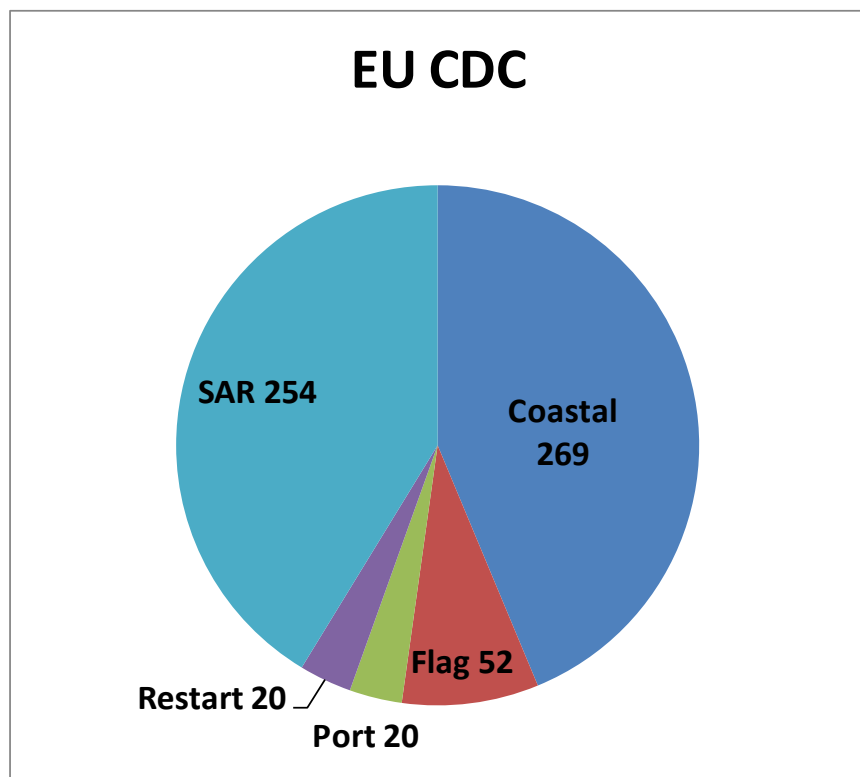
**2 major incidents during Q3:**

- Transfer from a standalone to EMSA ICT infra (09-07): 24h QoS=93%**
- Messages not processed for 2 hours (26-07): 24h QoS=91%**

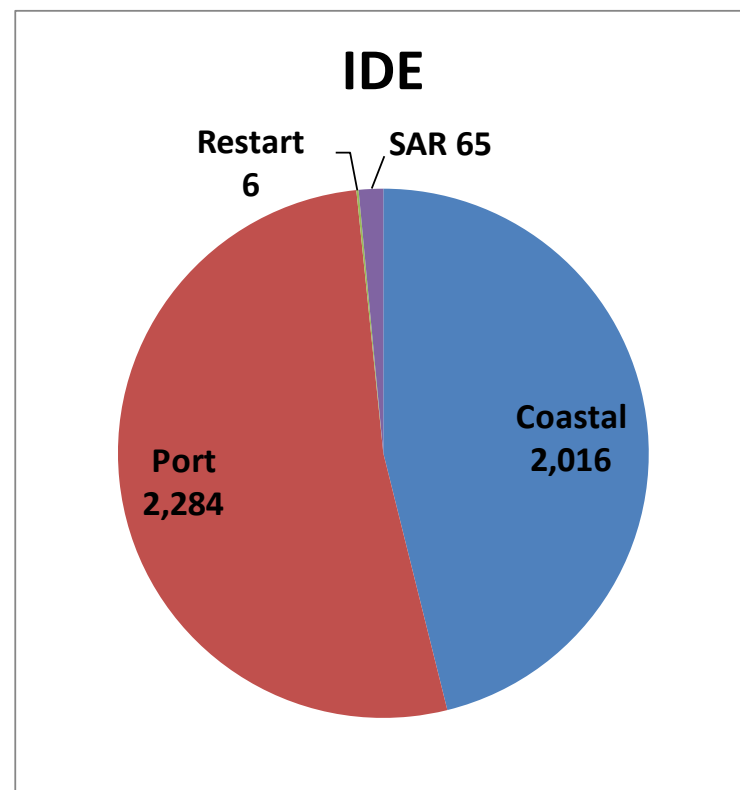


## Positions requests:

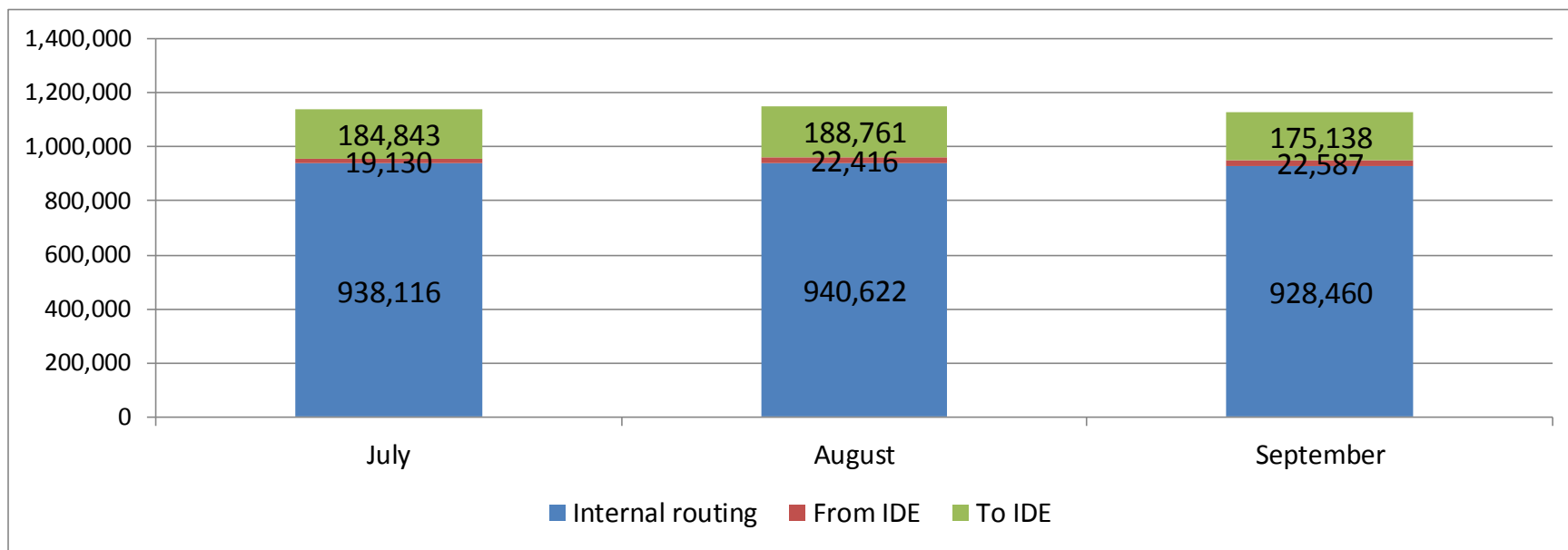
### - From EU CDC



### - From IDE



# Use of the system: position reports

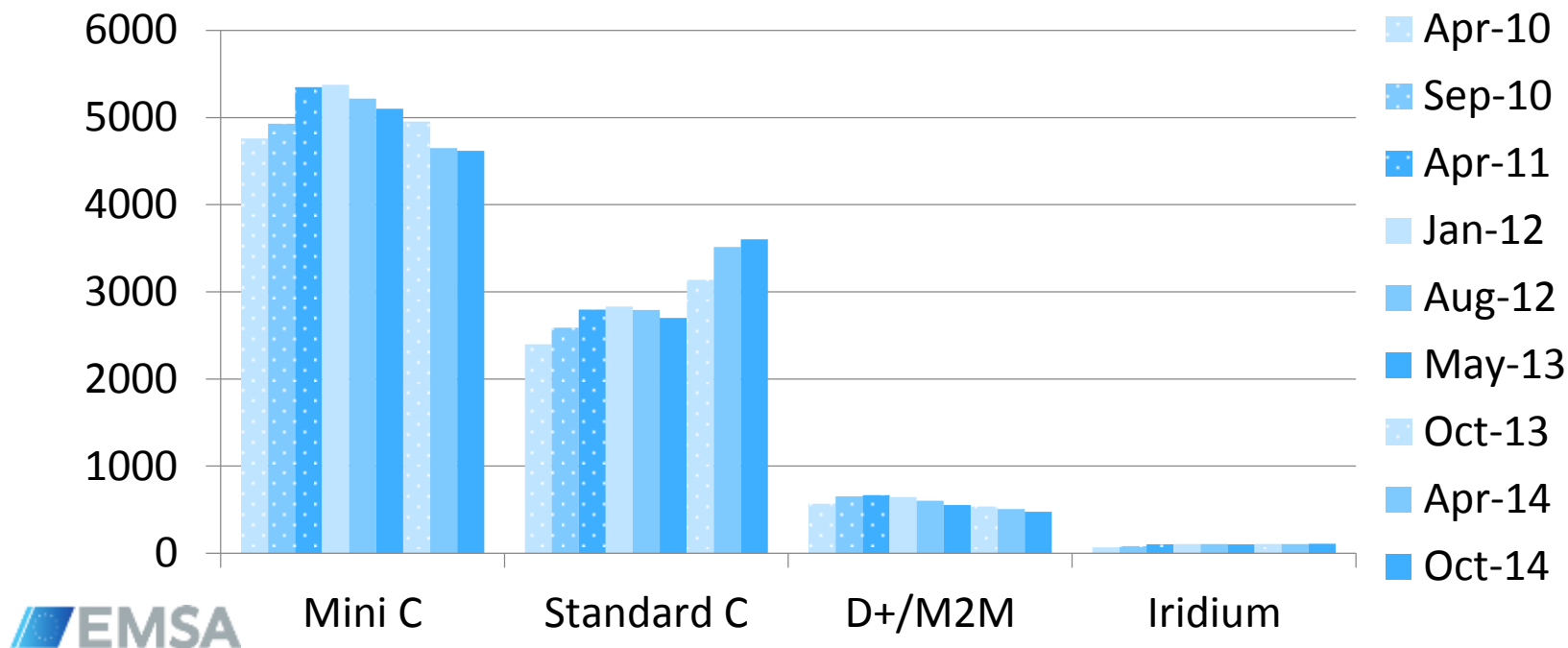


# Evolution of number of ships

## In Ship DB:

Jun-09	Apr-10	Oct-10	Apr-11	Jan-12	Aug-12	May-13	Oct-13	Apr-14	Oct-14
4860	7790	8414	8907	8955	8717	8615	8729	8773	8807

## Per communication network:



# Evolution of integrated ships



**8807 ships in Ship DB: +0.3%**

**8626 integrated: =97.7%**

**173 not integrated: -25%, mainly:**

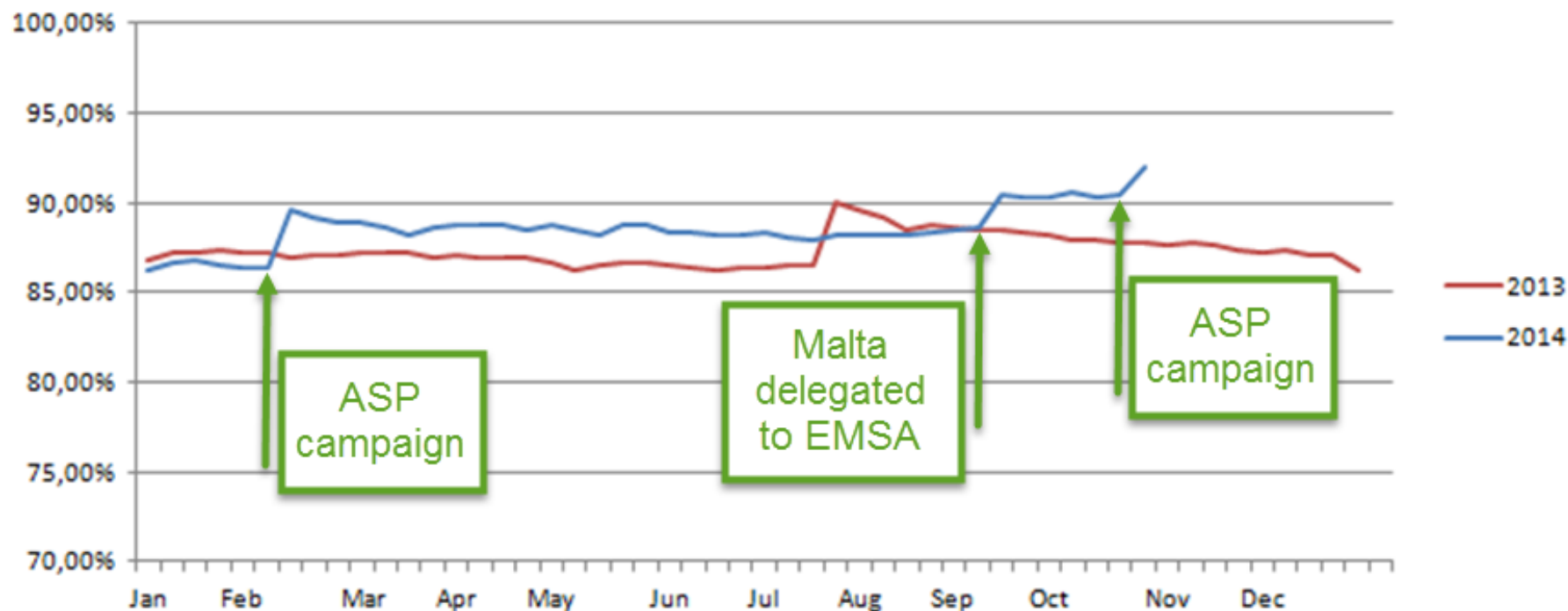
- Shipborne equipment not responding (54)
- DNID upload failed (49)

**To troubleshoot:**

- Inform shipowners/masters that LRIT terminal must always be switched on and operational
- Inform MSS when terminal is operational again
- Use of Technical Note 8 (procedure I-2)

# Evolution of reporting ships

- ASP campaign in February and October
- 10 CGs delegated their fleet monitoring: Malta joined in September





# Reporting per CG

 > 90%

 delegated to EMSA

Reporting increased  
+6% in 3 years

Malta joined in  
September: +1%

Joint effort:

- CGs
- ASP
- MSS
- LRIT Team
- *Technicians on*

Flag	Ships 10-2014	Oct-10	Apr-11	Oct-12	Oct-13	Apr-14	Oct-14
BEL	113	88	80	96	94	92	86
BGR	16	68	78	71	83	100	85
CUW	69				93	95	93
CYP	936	75	73	80	84	88	91
DEU	219	94	95	98	98	97	98
DNK	462	90	93	97	96	93	94
ESP	201	92	79	92	88	86	87
EST	12	93	100	100	100	100	100
FIN	108	70	86	98	95	98	96
FLK	3		100	100	67	100	67
FRA	198	83	75	79	90	95	92
GBR	554	85	78	79	84	84	86
GIB	283		80	82	83	88	91
GRC	705	97	93	97	89	89	88
HRV	46		91	100	93	96	96
IRL	36	88	72	85	94	89	94
ISL	2	100	100	100	100	100	100
ITA	630	93	94	99	94	93	93
LTU	34	91	88	92	100	97	96
LUX	190	75	75	89	89	90	89
LVA	12	92	100	83	79	92	92
MLT	1912	79	74	77	78	80	87
NLD	951	86	76	79	85	85	85
NOR	795	82	78	78	82	83	82
POL	28	90	96	100	96	97	93
PRT	175	81	81	80	68	78	77
ROU	2	100	100	100	100	100	100
SVN	2	0	0	100	0	0	0
SWE	102	82	78	82	89	87	86
VGB	8		83	71	43	57	43
Total	8804	82	81	85	86	87	88

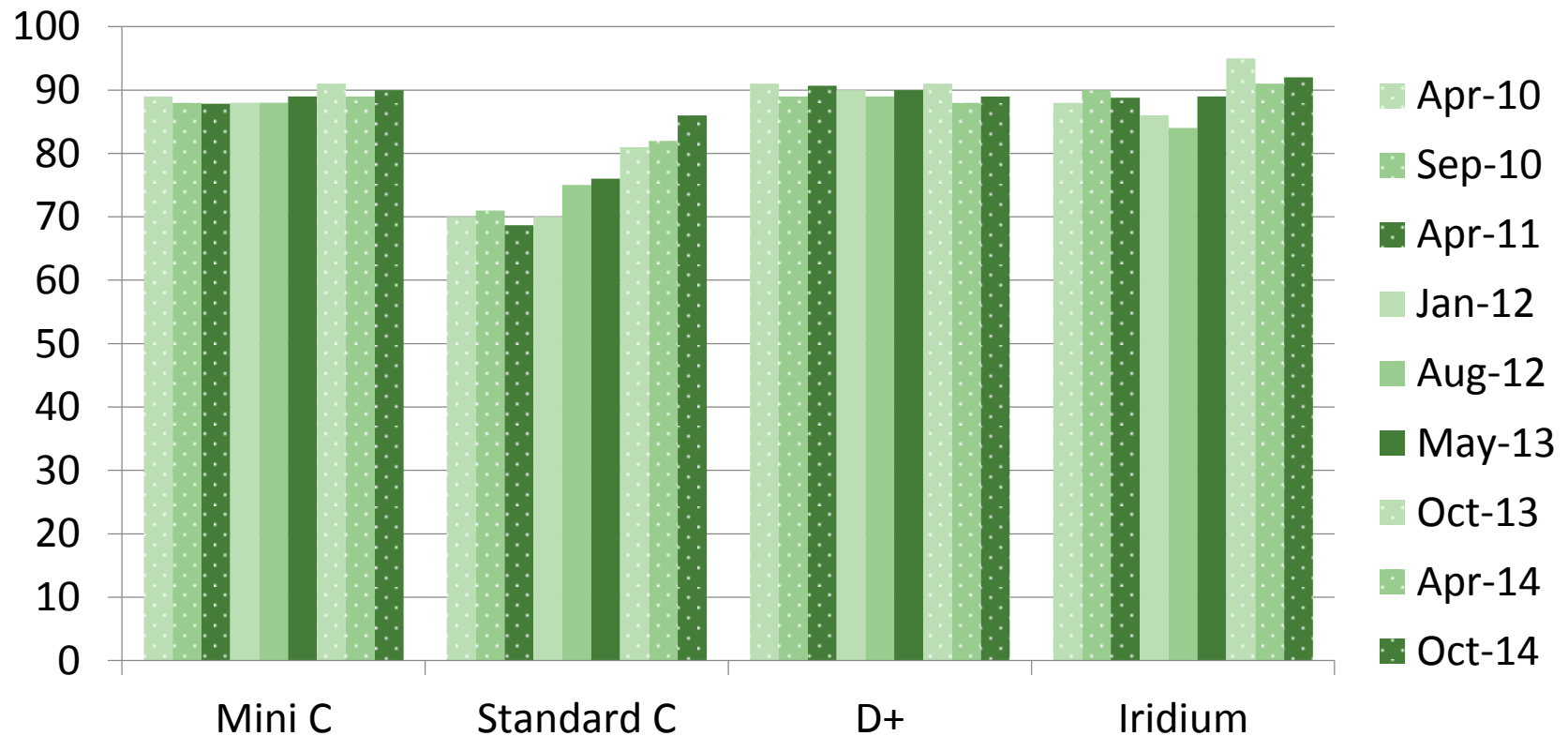


- **16 CGs have a reporting rate > 90%**
- **10 CGs delegated fleet monitoring to EMSA:  
Average reporting rate > 88%**
- **3 CGs with reporting rate < 80%: suggested to  
delegate fleet monitoring to EMSA**
- **AAS enabled for more than 887 ships which allow  
shipowners to react quickly**
- **AAS enabled for 13 EU CDC users (Flag  
Administration) from 7 countries**

# Evolution of % reporting terminals per communication network

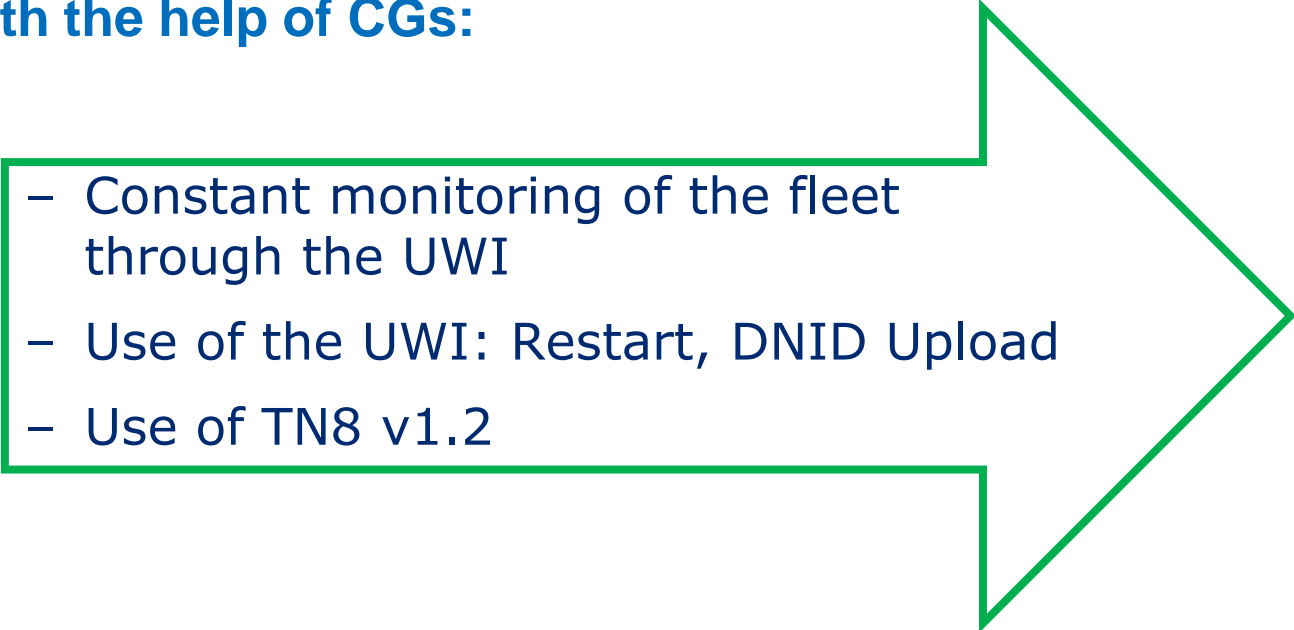


Huge work for having the reporting of Standard C terminals raising



# How to improve the reporting

## Reporting could improve with the help of CGs:

- 
- Constant monitoring of the fleet through the UWI
  - Use of the UWI: Restart, DNID Upload
  - Use of TN8 v1.2

can be  
done by  
EMSA if  
delegated

- ***Follow-up with shipowners for terminal changes or repairs***
- Update of Ship DB
- Use of the AAS on more ships
- Use of TN 8 and 19

# Frontex Marsurv Service

**Objective:** Provision of real time maritime situational picture to support the border control activities

- Intersystem Services to Frontex under EUROSUR
- Services started since mid-2013
- **Users:** EUROSUR National Coordination Centres
- VDS Requesting Member States: Italy, Greece, Spain and Malta
- **Legal basis:** EUROSUR regulation, EMSA's revised founding regulation and EMSA Work Programme(s).

## Current status/Service Portfolio:

1. Vessel Monitoring and Tracking Service (complete maritime picture)
2. Vessel Detection Service (EO)
3. Anomaly Detection Service (vessel behaviour)
4. Activity Detection Service (optical EO)

## LRIT data access grants

- 1<sup>st</sup> Request: Pilot exercise MARSURV-2 during INDALO 2011
- 2<sup>nd</sup> Request: Under EMSA/Frontex SLA (February 2014 – December 2014)
- 3<sup>rd</sup> Request: Continuation beyond 2015 until end of current SLA (to be renewed 30/04/2016)





- National course done in Italy Week 14 in Roma
- To come Regional Training course:
  - ✓ November: in EMSA on EU LRIT CDC (basic +advanced module), SSN and Imdate
  - ✓ December: in Malta on EU LRIT CDC (basic module), SSN and Imdate



*Requests for further training should be sent to EMSA by email or letter so planning can be prepared in advance*



The mailbox [Irit@emsa.europa.eu](mailto:Irit@emsa.europa.eu) should be used only for communication about LRIT NCA meeting

Unique point of contact for all other matters:  
[MaritimeSupportServices@emsa.europa.eu](mailto:MaritimeSupportServices@emsa.europa.eu) allows better traceability of communication exchanged (ticketing tool)





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