

# **EU LRIT Data Centre**

## **Performance, Use and Promotion of the EU LRIT CDC**

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## 38 Participating States

### European Union

Austria	Belgium	Bulgaria
Cyprus	Czech Republic	Denmark
Estonia	Finland	France
Germany	Greece	Hungary
Ireland	Italy	Latvia
Lithuania	Luxembourg	Malta
Netherlands	Poland	Portugal
Romania	Slovakia	Slovenia
Spain	Sweden	United Kingdom

### Overseas Territories

Greenland	French Polynesia	New Caledonia
Aruba	Netherlands Antilles	

### EFTA (European Free Trade Association) Countries

Iceland	Norway
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### New countries

British Territories : BVI, Falkland Islands and Gibraltar  
Croatia

## EU LRIT DC, figures

- 38 Contracting Governments

increase

- **8680+** ships +2%
- **805,000+** position reports/month +1%
- **620+** users +6%
- 18% increase in user connections to UWI

Status: 31 Mar 2011 (compared to 30 Dec 2010)

## Latency (EU DC)

IMO requirement:  
latency < 15 min

- Periodic Position Reports

Reference Period	Number of Position Reports Per month	Latency (average)
Q1 2010	~2,000,000	<b>3.6 min</b>
Q2 2010	~2,300,000	<b>3.8 min</b>
Q3 2010	~2,360,000	<b>3.9 min</b>
Q4 2010	~2,390,000	<b>3.9 min</b>
Q1 2011	~2,420,000	<b>2.4 min</b>

## Reponse Time (EU DC)

IMO requirement:  
latency < 30 min

- Polls (on-demand Position Report)

Reference Period	Number of Polls	Response Time (average)
Q1 2010	342	4.9 min
Q2 2010	149	4.0 min
Q3 2010	509	4.2 min
Q4 2010	139	3.2 min
Q1 2011	586	4.8 min

## Quality of Service

Number of Position Reports meeting  
Latency requirement

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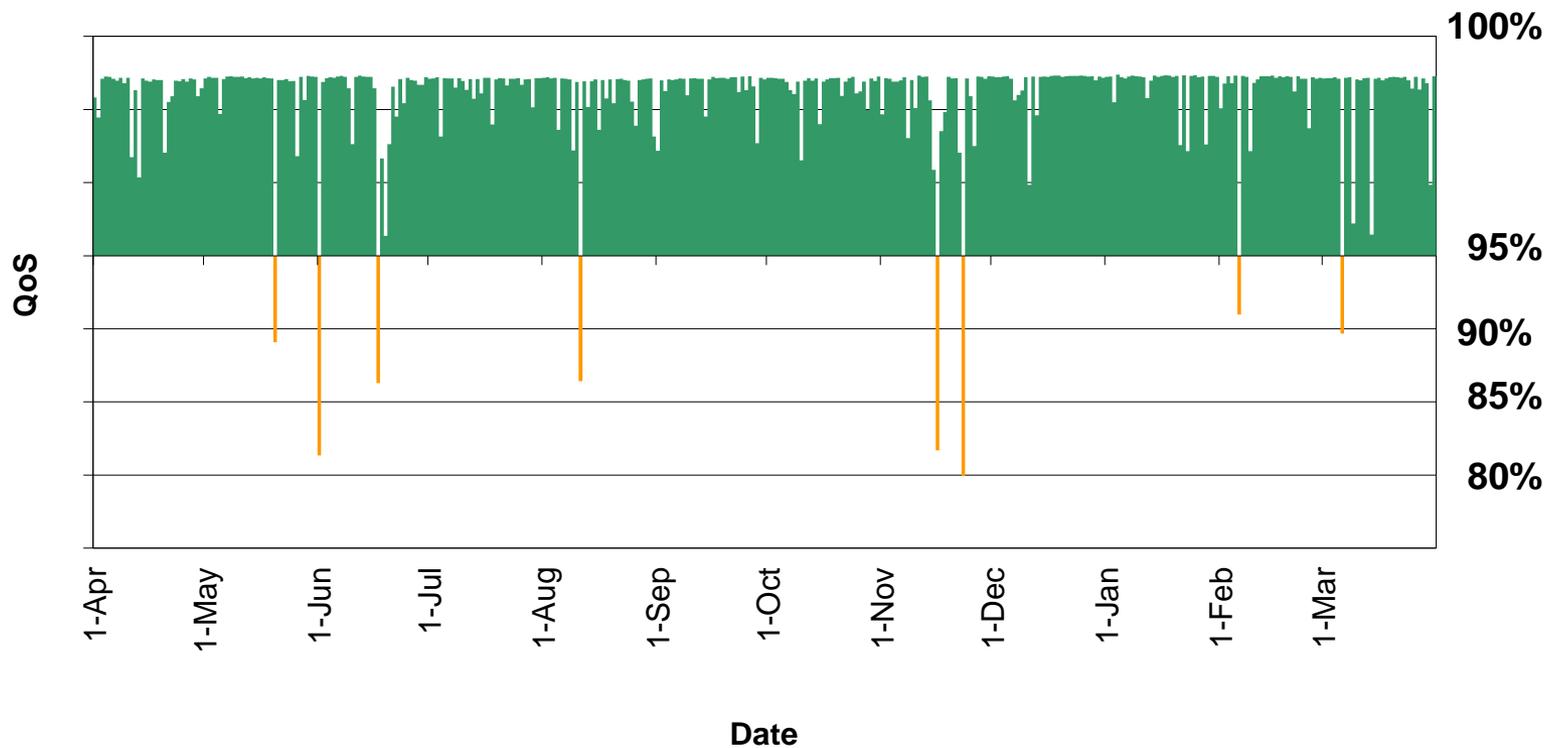
Total number of Position Reports

Expected Quality of Service according IMO:

- 95% over any 24-hour period (IMO 24h)
- 99% over any 1 month (IMO 30days)

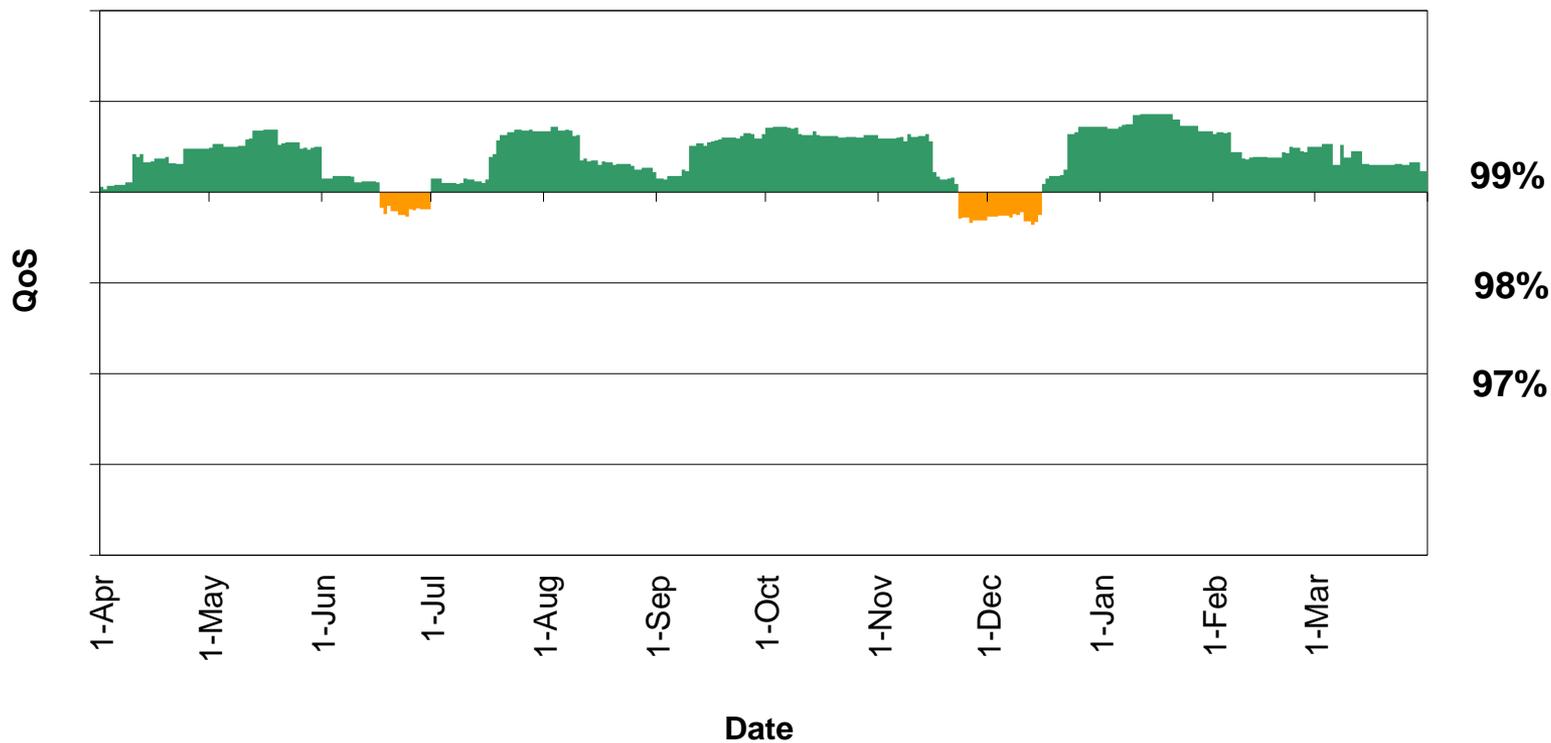
## Quality of Service – IMO 24h

24h Quality of Service  
IMO target: > 95%



## Quality of Service – IMO 30days

30d Quality of Service  
IMO target: > 99%



## EU DC System Availability (1)

- User Web Interface

Reference Period	User Web Interface availability
Q2 2010	99.96 %
Q3 2010	99.99 %
Q4 2010	99.94 %
Q1 2011	99.84 %

## EU DC System Availability (2)

- Web Services (IDE and DDP)

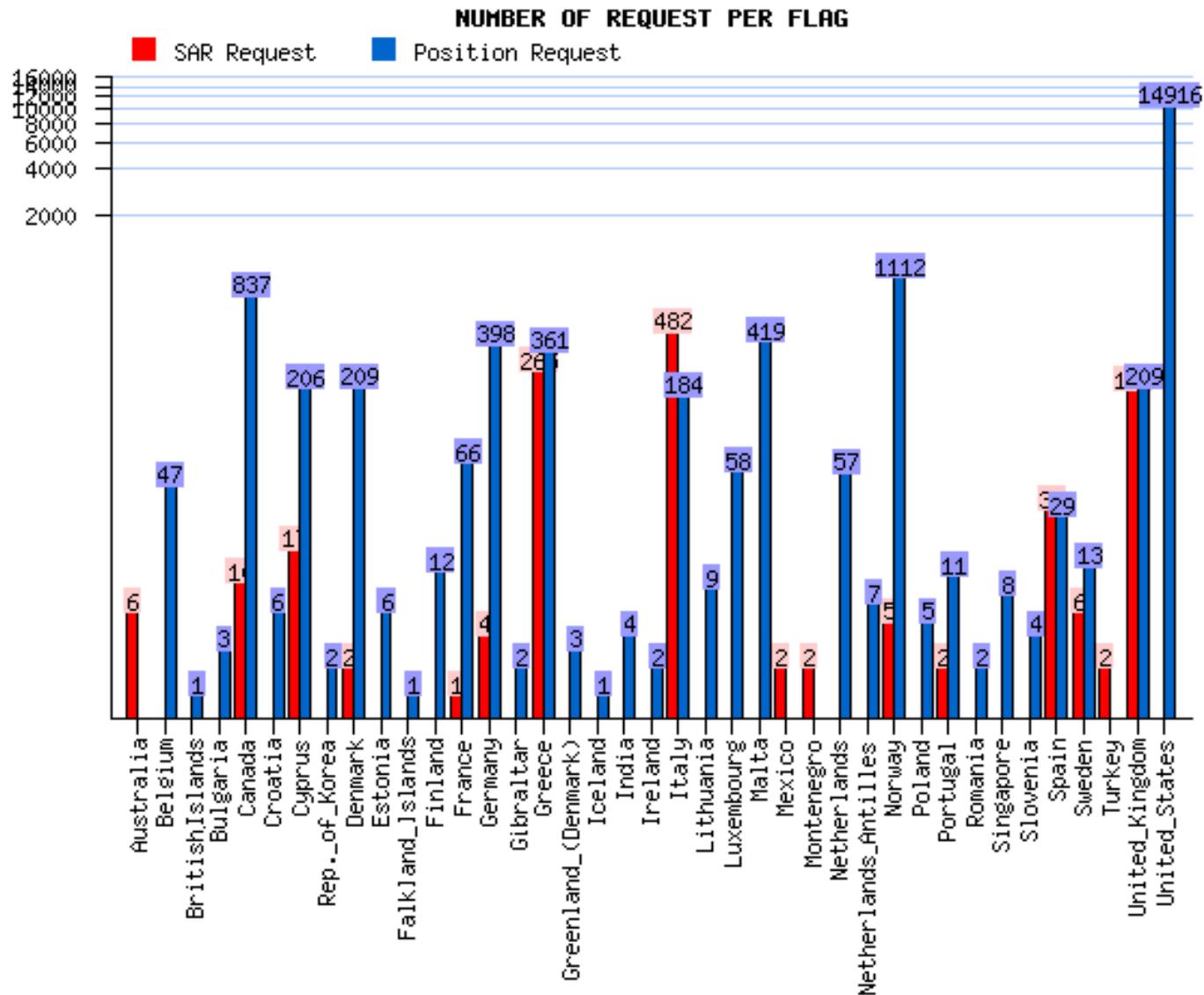
Reference Period	Web Service availability
Q2 2010	<b>100 %</b>
Q3 2010	<b>99.98 %</b>
Q4 2010	<b>99.98 %</b>
Q1 2011	<b>100 %</b>

## Usage of System (1)

<b>Total of messages exchanged in the DC</b>			
	Q4 2010	<b>Q1 2011</b>	<b>Evolution</b>
Average per day	92,861	<b>94,940</b>	
Average per month	2,847,521	<b>2,848,194</b>	
For the quarter	8,542,564	<b>8,544,582</b>	<b>+2 %</b>

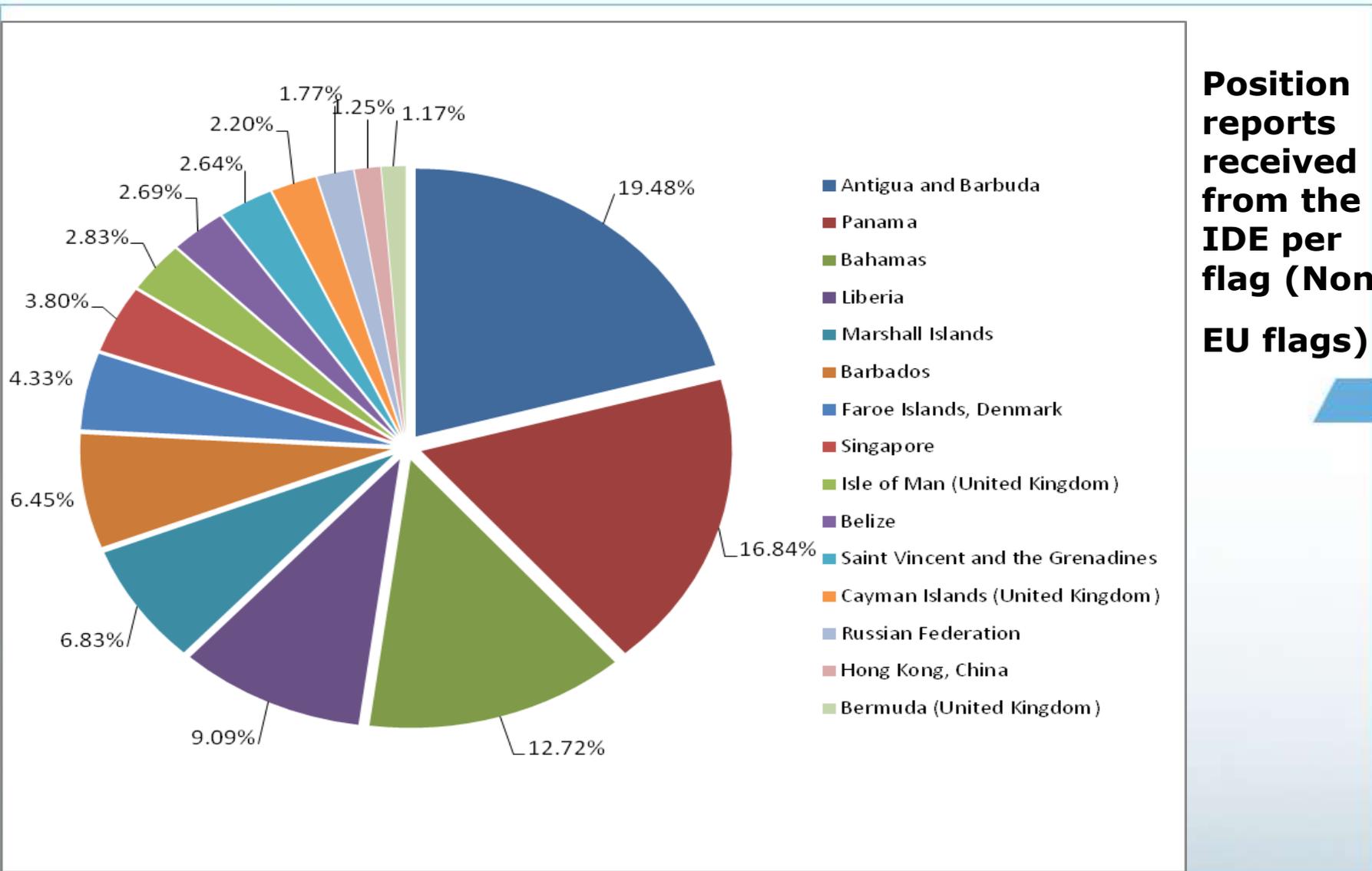
## Requests made by EU CDC users and Other DC users to the EU CDC

Request	Q4 2010	Q1 2011	Evolution
SAR Request from EU	80	1,015	92.1%
POS Request from EU	2,730	3,429	20.4%
SAR Request from IDE (other DC's)	18	22	18.2%
POS Request from IDE	14,593	15,767	7.4%



**Number of requests per CG**

**(includes 6 hr requests to integrate ships)**



## Usage of System (5)

- **620+** users
- 18% increase in user connections to UWI
- System was used more this quarter
- Purchasing of data also increased.
- SAR requests.. Q 4 2010 = 80 and Q1 2011 = 1015
- perhaps due to operations in Libya and Japan
  
- Presentations from MS later today

## Security of System

- Out of 620 users ~ 415 inactive (not logged in last 3 months = accounts not cancelled, no usage, staff have left, etc.)
- Importance of changing passwords frequently
- Change of Passwords for group logins
- How often are your passwords changed?
- EMSA decision to implement strong password policy for all applications – some expected impact on user management

## Regional Training Course in Malta

- 14-17 March 2011
- Hosted by Transport Malta
- 3 day course on the EU DC and SSN v2
- 30 participants from 10 participating EU CDC countries
  - Naval Authorities, Coast Guards, VTS Centres, shipping directorates, and MRCC's
- Common sessions, theory and practical exercises
- Very successful
- Training Material placed on LRIT Extranet
- Requests for further training should be sent to EMSA by email or letter, future training sessions can be planned for interested countries

# European Maritime Safety Agency

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