

## SafeSeaNet monthly report April 2008

### 1 - Background information

The purpose of the monthly report is to present the latest specific measurable elements and figures, thereby providing a full and clear picture of the current status of SafeSeaNet. The report is made available to EMSA, the Commission and the Member States for their further analysis and conclusions may be drawn from it on current usage of the SSN system. It provides statistical elements on the quantity of information provided to SSN and section 4 gives an indication of the quality of data.

The objective of indicating the "data quality" is to assist MS in understanding those areas where their performance must be improved.

### 2 - Type of information

#### 2.1 – SSN Notifications

Table 1 - SSN Notifications

COUNTRY	INTERFACE	SHIP	PORT	HAZMAT	ALERT	TOTAL
Belgium	Web	2	659	1		662
Belgium	XML	119,541	7,795	152		127,488
Denmark	XML	231,267		373		231,640
Finland	XML		9,078	508		9,586
Germany	XML	99,611	11,966	2,272		113,849
Ireland	XML			88		88
Italy	XML	23,661	365	20		24,046
Lithuania	XML	10,119	1,576	110		11,805
Malta	XML	31,548	741	260		32,549
Netherlands	Web		270	108	2	380
Netherlands	XML	194,809	11,972	2,438		209,219
Norway	XML	379,884	1,564	633		382,081
Poland	XML	99,315	7,605	1,620		108,540
Portugal	Web		100			100
Portugal	XML		1,270	89		1,359
Romania	Web		586	104		690
Slovenia	Web	162	375	9		546
Spain	XML		8,387	1,094		9,481
Sweden	XML	9,752	10,010	830		20,592
United Kingdom	XML		17,429	2,341		19,770
<b>TOTAL</b>		<b>1,199,671</b>	<b>91,748</b>	<b>13,050</b>	<b>2</b>	<b>1,304,471</b>

**EMSA comment:** The number of notifications has increased thanks to the recent participation of the UK, but it is far short what is expected for the system in full production for all messages.

## 2.2 – SSN Requests

Table 2 - SSN Requests

COUNTRY	INTERFACE	SHIP	PORT	HAZMAT	ALERT	TOTAL
Belgium	Web	31		7	7	45
Belgium	XML		21			21
Denmark	XML		4	4	15	23
Finland	Web	1		3		4
Germany	XML	4				4
Greece	Web	2		2		4
Ireland	XML			1		1
Latvia	Web	1				1
Malta	Web	2		1		3
Netherlands	Web	47		24		71
Norway	Web	2		6		8
Norway	XML		1,736	60,432		62,168
Poland	Web			15		15
Portugal	Web	2		7		9
Romania	Web	2		18		20
Spain	Web	5		6	1	12
European Commission	Web	204		268	3	475
<b>TOTAL</b>		<b>303</b>	<b>1,761</b>	<b>60,794</b>	<b>26</b>	<b>62,884</b>

**EMSA comment:** The number of the request is below the rate expected. The case of Norway should be further analysed.

## 3. Member States XML status

Table 3 summarises the MS' current status of notifications by XML (automatic connection for the message exchange) and projected dates when the remaining MS are expected to enter into production or begin commissioning.

Table 3 – Status of Implementation per SSN country

COUNTRY	Notifications				Date Projected for Tests or Production
	Port	Hazmat	Ship	Alert	
BE Belgium	yes	yes	yes	no	
BU Bulgaria	no	no	no	no	Test: October 2008
CY Cyprus	no	no	no	no	Test: May 2008
DK Denmark	ready	yes	yes	no	
EE Estonia	no	no	no	no	
FI Finland	yes	yes	no	no	Test: May/June 2008 for MRS Ship notifications, and by the end of 2008 improvement in HAZMAT
FR France	ready	ready	ready	ready	Production: May 2008
DE Germany	yes	yes	yes	no	
GR Greece	no	no	no	no	No info
IC Iceland	ready	ready	ready	no	Production: May 2008
IE Ireland	ready	ready	ready	ready	Production: May 2008
IT Italy	yes	ready	yes	ready	
LV Latvia	ready	ready	ready	ready	
LT Lithuania	yes	yes	yes	no	
MT Malta	yes	yes	yes	ready	
NL Netherlands	yes	yes	yes	no	
NO Norway	yes	yes	yes	ready	
PL Poland	yes	yes	yes	ready	
PT Portugal	yes	yes	no	no	
RO Romania (*)	yes (*)	yes (*)	yes (*)	yes (*)	Test: End of 2008
SI Slovenia (*)	yes (*)	yes (*)	yes (*)	yes (*)	Test: May 2008
ES Spain	yes	yes	no	no	
SE Sweden	yes	yes	yes	no	
GB United Kingdom	yes	yes	ready	ready	

## Notes:

(\*) Countries participating using the Web interface

Update: 06 May 2008

Yes	Participating, sending notifications
Ready	Passing the "commissioning" tests that certify national compliance with SSN but not yet using the system
No	No connection to SSN

**EMSA comment** – In April the United Kingdom has joined SafeSeaNet with XML interface providing Port and Hazmat Notifications and Latvia has successfully passed the commissioning tests

#### 4. Data Quality

##### 4.1. –Ship Notification messages (AIS and MRS) - unknown destinations

**Table 4 - Unknown destinations of vessels based on Ship Notifications**

COUNTRY	ORIGIN	NUMBER OF SHIP NOTIFICATIONS	NUMBER OF SHIP NOTIFICATIONS WITH ZZUKN	% of ZZUKN	
Belgium	ncabeost1	AIS	119,537	32,980	27.59%
Denmark	NCADKAAR1	AIS	231,267	0	0.00%
Germany	ncadebon1	AIS	99,611	14,251	14.31%
Italy	ncaitrom1	MRS	23,661	23,661	100.00%
Lithuania	lcaltkj04	AIS	10,119	10,119	100.00%
Malta	MTAFM00	AIS	31,548	25,614	81.19%
Netherlands	nldhr04	AIS	194,807	39,486	20.27%
Norway	NCANOHAU1	AIS	379,884	277,085	72.94%
Poland	ncaplgy1	AIS	99,315	31,829	32.05%
Slovenia	ncasikpp0	MRS	162	24	14.81%
Sweden	NCASESMA1	AIS	9,752	0	0.00%

**Table 5 - Tendency of changes - Unknown destinations of vessels**

COUNTRY	DEC	JAN	FEB	MAR	APR
Belgium	60%	40%	45%	36%	28%
Denmark	0%	0%	0%	0%	0%
Germany	19%	18%	9%	16%	14%
Italy	100%	100%	100%	100%	100%
Lithuania	100%	100%	100%	100%	100%
Malta	79%	77%	78%	79%	81%
Netherlands	0%	0%	0%	0%	20%
Norway	72%	74%	72%	69%	73%
Poland	30%	33%	33%	31%	32%
Slovenia	19%	20%	24%	18%	15%
Sweden	0%	0%	0%	0%	0%

**EMSA comment** – There are still many Ship Notification messages not including information on the destination of vessels. Overall percentage of unknown destinations remains unchanged.

##### 4.2 – MRS reported in SafeSeaNet

**EMSA comment** – Apart from Ship (MRS) Notifications provided by Slovenia (Slovenia is a part of the ADRIREP Mandatory Reporting System), there are no other Ship (MRS) Notifications reported to the SSN. Subject to the EMSA information, figure 1 illustrates existing MRS systems in EU waters.

Fig1 - Mandatory Reporting systems in EU waters

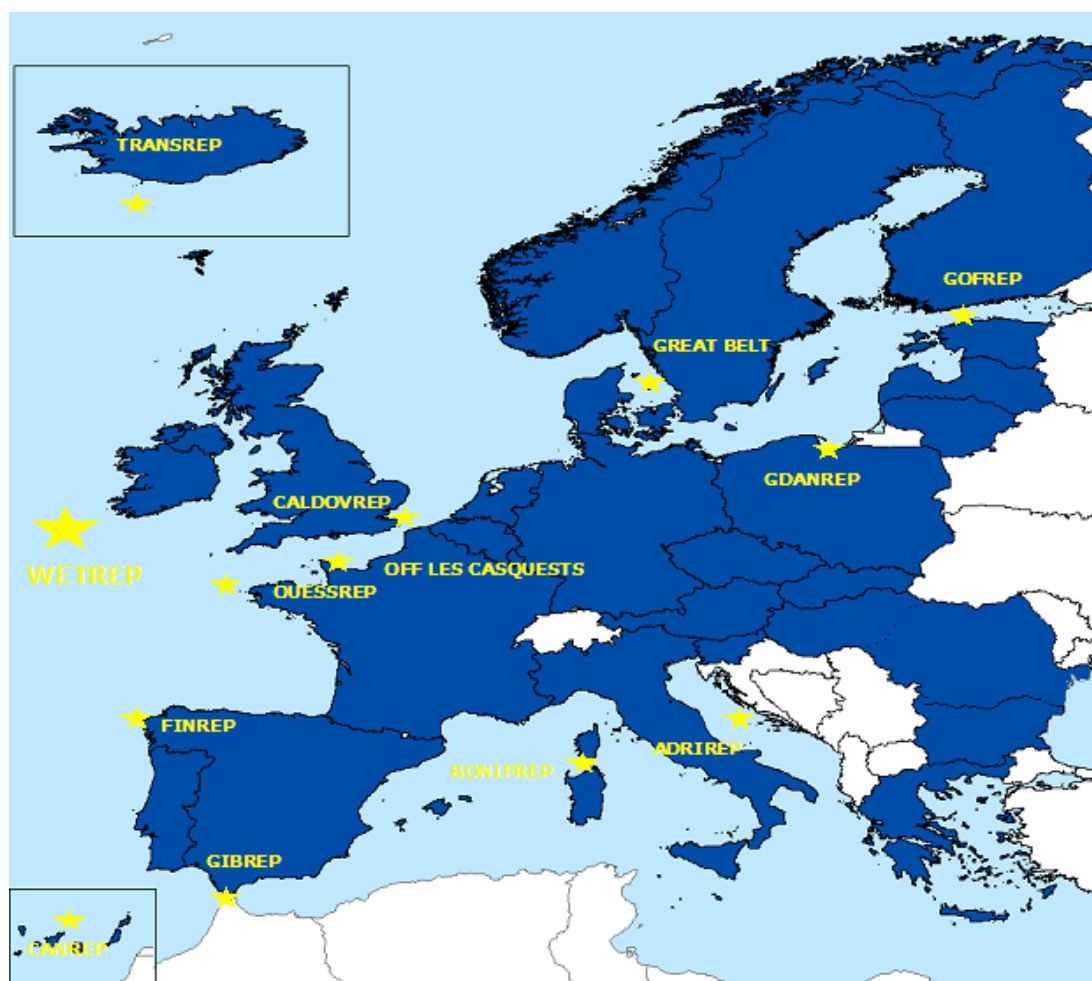


Table 6 – MRS and responsible Member States

NAME OF THE MRS	MS RESPONSIBLE
ADRIREP	Italy, Slovenia
BONIFREP	France, Italy
CALDOVREP	France, United Kingdom
CANREP, GIBREP, FINREP	Spain
GBT (GREAT BELT)	Denmark
GDANREP	Poland
GOFREP	Estonia, Finland
OFF LES CASQUESTS	France
OUESREP	France,
TRANSREP	Iceland
WETREP	Belgium, France, Ireland, Portugal, Spain, United Kingdom

4.3 - HAZMAT routes<sup>1</sup>

Table 7 – HAZMAT cargo routes

COUNTRY	ORIGIN	% OUTBOUND	% INBOUND	% UNKNOWN
Belgium	beanr01	45.92%	1.02%	53.06%
Belgium	begne01	94.12%	5.88%	0.00%
Belgium	beost02	12.50%	0.00%	87.50%
Belgium	bezee01	75.86%	3.45%	20.69%
Germany	ncadebon1	77.68%	22.32%	0.00%
Denmark	NCADKAAR1	76.14%	19.03%	4.83%
Spain	ncaesmad1	0.00%	100.00%	0.00%
Finland	ncafihel1	0.00%	100.00%	0.00%
United Kingdom	NCAGBSOU1	0.00%	100.00%	0.00%
Ireland	ncaiedub1	57.95%	42.05%	0.00%
Italy	ncaitrom1	5.00%	65.00%	30.00%
Lithuania	lcaltklj04	0.00%	100.00%	0.00%
Malta	NCAMTMMMA01	20.38%	78.85%	0.77%
Netherlands	nlams01	100.00%	0.00%	0.00%
Netherlands	nldhr01	0.00%	100.00%	0.00%
Netherlands	nldzi01	27.27%	72.73%	0.00%
Netherlands	nlrtn03	0.00%	100.00%	0.00%
Netherlands	pornlvi1	66.92%	30.00%	3.08%
Norway	NCANOHAU1	30.49%	67.93%	1.58%
Poland	ncaplgdy1	54.81%	45.00%	0.19%
Portugal	lcaptlei	35.96%	64.04%	0.00%
Romania	rocnd13	90.00%	0.00%	10.00%
Romania	rocnd14	100.00%	0.00%	0.00%
Romania	romid11	75.00%	0.00%	25.00%
Sweden	NCASESMA1	12.89%	87.11%	0.00%
Slovenia	ncasikpp0	100.00%	0.00%	0.00%

**EMSA comment** –Spain, Finland, Lithuania and Port of Rotterdam (Netherlands), and recently joined to SSN United Kingdom do not provide information for vessels leaving their ports with HAZMAT cargo. Number of unknown destinations has increased in April in comparison to March. In case of Belgium, the percentage of unknown destinations has almost doubled since March.

## 4.4 - Availability of the messages details – HAZMAT

Table 8 - Availability of the HAZMAT details upon request

COUNTRY	ORIGIN	NUMBER OF CHECKS	AVAILABLE DETAILS	% AVAILABLE DETAILS
Belgium	beanr01	3	3	100.00%
Belgium	begne01	2	2	100.00%
Belgium	bezee01	1	1	100.00%
Denmark	NCADKAAR1	4	4	100.00%
Germany	ncadebon1	5	5	100.00%
Spain	ncaesmad1	5	5	100.00%
Finland	ncafihel1	6	0	0.00%
Italy	ncaitrom1	1	0	0.00%
Lithuania	lcaltklj04	5	5	100.00%
Malta	NCAMTMMMA01	4	3	75.00%
Netherlands	nlrtn03	3	3	100.00%
Netherlands	pornlvi1	3	3	100.00%
Netherlands	nlams01	Not considered due to limited number of notif.		
Norway	NCANOHAU1	6	0	0.00%
Poland	ncaplgdy1	4	4	100.00%
Portugal	all	Not provided REQ/RES Commissioning Tests		
Romania	rocnd13	1	1	100.00%
Romania	rocnd14	1	1	100.00%
Slovenia	ncasikpp0	1	1	100.00%
Sweden	NCASESMA1	Not provided REQ/RES Commissioning Tests		
United Kingdom	NCAGBSOU1	Not considered due to REQ/RES problems		

<sup>1</sup> Inbound vessel: the sender of the notification (NCA or LCA) and the next port of call belong to the same MS.

Outbound vessel: sender (NCA or LCA) and next port of call belong to different countries.

Unknown: the next port of call is unknown (Locode ZZUKN).

**EMSA comment** – Finland and Norway have recorded a decrease in availability of the messages. Their messages are not available on request. Spain, Poland, Port of Rotterdam (Netherlands) and Malta have improved since last month. However, in case of Malta still not all messages are available.

#### 4.5 – Hazmat Notification contact details

During the month of April MSS verified the contact details included in the Hazmat notification/responses messages. Checks were performed during office hours. Table below shows:

- How details were provided, whether in XML format, downloadable document or by e-mail or fax when requested by telephone.
- When those details were provided through the phone & fax possibility, the MSS has contacted the indicated telephone number. The outcome of those checks is included in the “Comments” column.

**Table 9- Cargo Manifest contact details verification outcome (April 2008)**

COUNTRY	RESPONSIBLE AUTHORITY	CONTACT INFORMATION	FORMAT OF THE INFORMATION		COMMENTS
			HAZMAT DETAILS	CARGO MANIFEST	
Belgium	Traffic centre Zeebrugge		Fax	Fax	Belgium is conducting test in order to provide Hazmat details in XML.
Denmark	Admiral Danish Fleet		Doc. Download	Not available	No access to the cargo manifest. When requesting for Cargo Manifest details user is requested to log in to the Danish National System. This problem will be solved in the next version of SSN.
Germany	Bundesministerium für Verkehr	Maritime Emergency Reporting and Assessment Center	Doc. Download	E-mail/Fax	The Operator was aware of the SSN and related duties.
Spain	Puertos del Estado		Doc. Download	Doc. Download	Spain is currently providing the Cargo manifest details as document for download. It is planned to be replaced by contact details in the future.
Finland	Finnish Maritime Administration	Port of the Finnish Maritime - Turku Radio	XML	E-mail/Fax	The Operator was aware of the SSN and related duties.
Lithuania	Port of Klaipeda		Doc. Download	E-mail/Fax	Service not available 24h/7. In case of an accident the Port Inspector on duty will contact the person normally in charge during week office hours.
Italy	Italian Coast Guard	Operational Center of the Italian Coast Guard	XML	E-mail/Fax	The Operator was aware of the SSN and related duties.
Malta	Malta Maritime Authority	Port of Valletta	Doc. Download	E-mail/Fax	The Operator was aware of the SSN and related duties.
Netherlands	Port of Rotterdam	Port Office of Rotterdam	E-mail/Fax	E-mail/Fax	The Operator was aware of the SSN and related duties.
	Port of Terneuzen	Zeeland Seaport. Port Control	XML	Not a proper contact	Contact details are for Zeeland Seaport/Port Control. They informed that It was not a proper contact for Cargo Manifest details
Norway	Norwegian Administration	Agent Logistic Agency -Greg Other Agents	XML	E-mail/Fax No reply	The Shipping Agent informed that for short periods of time they may be out of contact (brief situation solved in minutes). Cargo manifest details were not available.
Poland	Gdynia Maritime Office	Agents	Doc. Download	No reply	Cargo manifest details were not available.
Romania	Port of Midia		No reply	No reply	Hazmat and cargo manifest details not available.
	Constanta North Harbor Master		No reply	No reply	Hazmat and cargo manifest details not available.
Slovenia	Slovenian Maritime Administration	MRCC Koper	E-mail/Fax	E-mail/Fax	Slovenia will implement an automatic system (XML) for exchanging messages.
United Kingdom	Not considered in this period of checks				

#### 4.6 – Alert notifications

**EMSA comment** – Apart from Netherlands, there are no Member States providing “Alerts”. In the case of the Netherlands, the number of “Alerts” provided is 6 since January.