

## SafeSeaNet monthly report March 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 MS 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 paragraph 4 also gives an indication of the quality of that data.

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

### 2 - Type of information

#### 2.1 – SSN Notifications

Table 1 - SSN Notifications (March 2008)

COUNTRY	INTERFACE	SHIP	PORT	HAZMAT	ALERT	TOTAL
Belgium	XML	135,573	6,731	219		142,523
Denmark	XML	221,749		348		222,097
Finland	XML		6,766	510		7,276
Germany	XML	81,698	7,010	1,843		90,551
Ireland	XML			59		59
Italy	XML	28,662	373	8		29,043
Lithuania	XML	9,314	1,850	147		11,311
Malta	XML	26,378	674	208		27,260
Netherlands	Web		247	71		318
Netherlands	XML	164,218	12,177	2,240		178,635
Norway	XML	449,408	1,695	697		451,800
Poland	XML	118,696	4,790	1,862		125,348
Portugal	Web		49			
Portugal	XML		1,049	78		1,127
Romania	Web		488	80		568
Slovenia	Web	180	333	9		522
Spain	XML		7,798	776		8,574
Sweden	XML	8,336	7,922	741		16,999
<b>TOTAL</b>		<b>1,244,212</b>	<b>59,952</b>	<b>9,896</b>	<b>0</b>	<b>1,314,011</b>

## 2.2 – SSN Requests

Table 2 - SSN Requests (March 2008)

COUNTRY	INTERFACE	SHIP	PORT	HAZMAT	ALERT	TOTAL
Belgium	Web	1		15	3	19
Denmark	Web	1		2		3
Denmark	XML		3	6	13	22
Germany	Web			4		4
Germany	XML	2		6		8
Iceland	Web	3		4	3	10
Ireland	XML	2				2
Italy	Web			2		2
Italy	XML	1	1			2
Malta	Web	9		3		12
Netherlands	Web	7		16	1	24
Norway	Web	2		6		8
Norway	XML		9	83,451		83,460
Poland	Web			40		40
Portugal	WEB	2		2	1	5
Romania	Web			22		22
Sweden	Web	1		7		8
European Commission	Web	121		197	2	320
<b>TOTAL</b>		<b>152</b>	<b>13</b>	<b>83,783</b>	<b>23</b>	<b>83,971</b>

**EMSA comment** - The comments made in February 08 remain valid for March 08.

## 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 – Current status of each MS

Country		Notifications (XML Interface)				Projected Dates
		Port	Hazmat	Ship	Alert	
BE	Belgium	yes	yes	yes	no	
BU	Bulgaria	no	no	no	no	Commissioning Test: October 2008
CY	Cyprus	no	no	no	no	Commissioning Test: May 2008
DK	Denmark	com	yes	yes	no	
EE	Estonia	no	no	no	no	No info, last email May 2007 to start testing
FI	Finland	yes	yes	no	no	May/June: planned Commissioning for MRS Ship Notifications, and by the end of 2008 improvement in HAZMAT
FR	France	com	com	com	com	Scheduled production date: May 2008
DE	Germany	yes	yes	yes	no	
GR	Greece	no	no	no	no	No info
IC	Iceland	com	com	com	no	Scheduled production date: March 2008
IE	Ireland	com	com	com	com	Scheduled production date: May 2008
IT	Italy	yes	com	yes	com	
LV	Latvia	com	com	com	com	Commissioning Test: March 2008
LT	Lithuania	yes	yes	yes	no	
MT	Malta	yes	yes	yes	com	
NL	Netherlands (*)	yes	yes	yes	no	
NO	Norway	yes	yes	yes	com	
PL	Poland	yes	yes	yes	com	
PT	Portugal (*)	yes	yes	no	no	
RO	Romania (*)	no	no	no	no	Commissioning Test: End of 2008
SI	Slovenia (*)	no	no	no	no	Commissioning Test: April 2008
ES	Spain	yes	yes	no	no	
SE	Sweden	yes	yes	yes	no	
GB	United Kingdom	com	com	com	com	Scheduled production date: January 2008(**)

Updated: 02 April 2008

## Notes:

(\*) In operational status using the Web interface. Netherlands is still using the Web for some Ports.

(\*\*) Delayed due to digital certificate problem.

**Production** Passed the commissioning tests and entered into production.

**Commissioned** Passed the commissioning tests only (not in production)

**No operation** No connection to SSN

**EMSA comments** - No information provided by Greece and Estonia. Latvia is performing the commissioning tests. Romania and Slovenia are active Web users intending to introduce the XML interface in 2008.

#### 4. Data Quality (for data figures, refer to February 08)

##### 4.1 - LCAs declared

Table 4 shows the number of LCAs declared / missing:

**Table 4 - SSN vs LCA**

<b>SSN - Active Port per Country</b>		
<b>Country</b>	<b>Declared LCA's</b>	<b>Not Declared LCA's</b>
Belgium	4	-
Finland	34	2
Germany	32	8
Italy	2	29
Lithuania	1	-
Malta	-	2
Netherlands	7	1
Norway	-	113
Poland	7	-
Portugal	4	-
Romania	5	-
Slovenia	2	-
Spain	-	17
Sweden	-	111

**EMSA comments** - Though based on estimation, it is a reasonable conclusion that many LCAs have still not been declared. A significant proportion of Sweden and Norway's LCAs have yet to be declared. Finland uploaded its list of authorities in February 08.

##### 4.2 – Ports recorded by SSN (a comparison with other prominent EU data sources)

Table 5 compares the number of ports identified under SSN port notifications with those recorded by other prominent EU data sources (EUROSTAT and PSC database).

**Table 5 – Number of ports visited (Dec.07-Mar.08)**

<b>Country</b>	<b>SSN Reported Ports</b>	<b>Eurostat (ports lacking in SSN)</b>	<b>PSC (ports lacking in SSN)</b>
Belgium	4		1
Finland	48	1	1
Germany	45	19	4
Italy	42	34	30
Lithuania	1	1	
Netherlands	10	6	11
Norway	157	5	8
Poland	9		1
Portugal	8	11	8
Romania	13	3	
Spain	44	3	10
Sweden	137	2	10

**EMSA comment** - Some MS are not providing all their port notifications as required by Article 4 of the Directive.

### 4.3 – Port Notifications recorded (a comparison with external sources)

Table 6 shows the number of SSN port notifications cross-checked with external data sources (Port authorities web pages and Lloyds Maritime Intelligence Unit, LMIU):

**Table 6 – Port Notifications (an comparison with external data sources)**

Country	Number of checks	Number of Port Notifications confirmed by external sources	Percentage of port notifications confirmed by external sources
Belgium	6	5	83.33%
Germany	10	10	100.00%
Spain	10	6	60.00%
Finland	10	8	80.00%
Italy	19	0	0.00%
Lithuania	10	10	100.00%
Malta	10	10	100.00%
Netherlands	10	6	60.00%
Norway	13	6	46.15%
Poland	10	8	80.00%
Portugal	10	4	40.00%
Romania	5	4	80.00%
Slovenia	10	9	90.00%
Sweden	10	8	80.00%

**EMSA comment** - Only 71% overall of actual ship calls (confirmed by external sources) are recorded as Port Notifications in SSN, Consequently, some MS are not providing all their port notifications as required by Article 4 of the Directive.

### 4.4 - Number of persons on board recorded as “unknown”

**Table 7 – Persons on Board derived from Port and Hazmat Notifications**

COUNTRY	ORIGIN	HAZMAT NOTIFICATIONS with unknown value of POB (99999)	ALL HAZMAT NOTIFICATIONS	% of unknown POB in HAZMAT	PORT NOTIFICATIONS with unknown value of POB (99999)	ALL PORT NOTIFICATIONS	% of unknown POB in PORT
Belgium	beanr01	158	158	100.00%	1,583	1,583	100.00%
Belgium	begne01	44	44	100.00%	757	757	100.00%
Belgium	beost02	72	72	100.00%	827	827	100.00%
Belgium	bezee01	238	238	100.00%	3,391	3,391	100.00%
Belgium	ncabeost1	n.a.	n.a.	n.a.	60	60	100.00%
Denmark	NCADKAAR1	235	534	44.01%	n.a.	n.a.	n.a.
Finland	ncafilhel1	198	470	42.13%	2,793	8,132	34.35%
Germany	ncadebon1	1,493	1,626	91.82%	4,969	7,535	65.95%
Ireland	nciaiedub1	55	57	96.49%	n.a.	n.a.	n.a.
Italy	ncaitrom1	n.a.	n.a.	n.a.	0	412	0.00%
Lithuania	lcaitkj04	8	97	8.25%	898	1,775	50.59%
Malta	NCAMTMMMA01	0	188	0.00%	2	640	0.31%
Netherlands	nlams01	0	3	0.00%	1	174	0.57%
Netherlands	nldhr01	0	88	0.00%	0	39	0.00%
Netherlands	nlhar01	n.a.	n.a.	n.a.	0	20	0.00%
Netherlands	nlrtm03	2,030	2,170	93.55%	2,232	4,715	47.34%
Netherlands	nlisce01	n.a.	n.a.	n.a.	0	32	0.00%
Netherlands	pornlvli1	0	110	0.00%	18	3,594	0.50%
Norway	NCANOHAU1	8	743	1.08%	127	1,688	7.52%
Poland	ncaplgdy1	20	1,778	1.12%	137	4,337	3.16%
Portugal	lcaptave	n.a.	n.a.	n.a.		3	0.00%
Portugal	lcaptlei	92	95	96.84%	482	646	74.61%
Portugal	lcaptset1	n.a.	n.a.	n.a.	0	3	0.00%
Portugal	lcaptsin	n.a.	n.a.	n.a.	23	99	23.23%
Romania	rocnd11	n.a.	n.a.	n.a.	1	398	0.25%
Romania	rocnd13	0	22	0.00%	n.a.	n.a.	n.a.
Romania	rocnd14	0	31	0.00%	n.a.	n.a.	n.a.
Romania	rogal11	n.a.	n.a.	n.a.	0	42	0.00%
Romania	romag11	n.a.	n.a.	n.a.	0	2	0.00%
Romania	romid11	n.a.	n.a.	n.a.	0	1	0.00%
Romania	rotce11	n.a.	n.a.	n.a.	0	1	0.00%
Slovenia	ncasikpp0	0	6	0.00%	7	330	2.12%
Spain	ncaesmad1	697	697	100.00%	7,576	7,576	100.00%
Sweden	NCASESMA1	280	761	36.79%	3,771	8,617	43.76%

**EMSA comment** - Romania, and Italy are providing information on “persons on board” in all their notifications, with only some users in Portugal and the Netherlands. Some MSs e.g. Spain, provide information on “persons on board” only upon ‘request’ in the detailed part of the HAZMAT message (\*.pdf document).

#### 4.5 – Destination “unknown” recorded in ship Notification messages (AIS and MRS)

**Table 8- “unknown” destinations in ship notifications, by Member State**

COUNTRY	Dec	Jan	Feb
Germany	19%	18%	9%
Lithuania	100%	100%	100%
Malta	79%	77%	78%
Netherlands*	0%	0%	0%
Norway	72%	74%	72%
Poland	30%	33%	33%
Italy	100%	100%	100%
Slovenia	19%	20%	24%
Belgium	60%	40%	45%
Denmark	0%	0%	0%
Sweden	0%	0%	0%

**EMSA comment** - A high proportion of notifications record the destination as “unknown”. Improvements were achieved by Germany and Belgium. Belgium, Denmark and Sweden still use the temporary adopted “workaround solution”, allowing them to report the destinations as transmitted, ‘raw data’ by the vessels through AIS (both in Locode and non-Locode).

#### 4.6 Availability of the AIS/MRS detailed part of the messages

Table 9 summarizes the availability of the detailed part of messages when requested (EMSA Maritime Support Services acting as data requestor).

**Table 9 - Availability of the AIS messages details**

Country	user	NUMBER of AIS aviability checks	Availability of details	%
Malta	MTAFM00	5	5	100.00%
Belgium	ncabeost1	4	0	0.00%
Germany	ncadebon1	4	4	100.00%
Lithuania	lcaltklj04	4	0	0.00%
Denmark	NCADKAAR1	5	5	100.00%
Italy	ncaitrom1	4	4	100.00%
Poland	ncaplgdy1	5	5	100.00%
Netherlands	nldhr04	4	4	100.00%
Slovenia	ncasikpp0	3	3	100.00%
Norway	NCANOHAU1	4	4	100.00%

**EMSA comment** - Italy provides data from its **ARES** system (a national VMS system receiving worldwide reports - position, route, speed and destination - from vessels carrying the Italian flag).

The availability of Ship Notifications details has improved significantly. Lithuania is working on technical problems preventing availability, while Belgium solved its problems early in the month.

Only notification scenarios can be performed by Sweden and their system is not able to respond to requests, so they are not considered in these statistics.

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

Table 10 – HAZMAT cargo routes

Country	ORIGIN	% of OUTBOUND	% of INBOUND	% of UNKNOWN
Belgium	beanr01	59.49%	0.00%	40.51%
Belgium	begne01	95.45%	4.55%	0.00%
Belgium	beost02	55.56%	4.17%	40.28%
Belgium	bezee01	71.43%	18.49%	10.08%
Lithuania	lcaltklj04	0.00%	100.00%	0.00%
Portugal	lcaptlei	32.63%	67.37%	0.00%
Germany	ncadebon1	73.37%	26.63%	0.00%
Denmark	NCADKAAR1	57.68%	37.27%	5.06%
Spain	ncaesmad1	0.00%	100.00%	0.00%
Finland	ncafihel1	0.00%	100.00%	0.00%
Ireland	ncaiedub1	52.63%	47.37%	0.00%
Malta	NCAMTMMMA01	17.55%	82.45%	0.00%
Norway	NCANOHAU1	28.53%	69.18%	2.29%
Poland	ncaplgdy1	2.31%	94.71%	2.98%
Sweden	NCASESMA1	14.32%	85.68%	0.00%
Slovenia	ncasikpp0	100.00%	0.00%	0.00%
Netherlands	nlams01	100.00%	0.00%	0.00%
Netherlands	nldhr01	0.00%	100.00%	0.00%
Netherlands	nlrtm03	0.00%	100.00%	0.00%
Netherlands	pornlvli1	67.27%	30.91%	1.82%
Romania	rocnd13	90.91%	0.00%	9.09%
Romania	rocnd14	100.00%	0.00%	0.00%

**EMSA comment** - Some countries do not provide information for vessels leaving their ports with HAZMAT cargo and some MS provide notifications only for outbound vessels.

The proportion of HAZMAT notifications indicating an “unknown” destination should be reduced by stricter implementation and application by MSs of the LOCODE requirement.

<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).

## 4.8 - Availability of the messages details – HAZMAT

Table 11 - Availability of the HAZMAT details upon request

Country	user	Number of HAZMAT checks	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	ncafihe1	8	3	37.50%
Italy	ncaitrom1	NOT CONSIDERED - below 10 HAZMAT		
Lithuania	lcaltklj04	5	5	100.00%
Malta	NCAMTMMA01	5	3	60.00%
Netherlands	nlrtm03	3	3	100.00%
Netherlands	pornlvli1	3	3	100.00%
Netherlands	nlams01	2	2	100.00%
Norway	NCANOHAU1	7	4	57.14%
Poland	ncaplgdy1	4	4	100.00%
Portugal	all	Hasn't performed REQ/RES tests		
Romania	rocnd13	3	3	100.00%
Romania	rocnd14	1	1	100.00%
Slovenia	ncasikpp0	NOT CONSIDERED - below 10 HAZMAT		
Sweden	NCASESMA1	Hasn't performed REQ/RES tests		

**EMSA comments** - The proportion of HAZMAT details available has shown considerable improvement. Norway and Malta have advised of some technical difficulties that have sometimes prevented the availability of the details. Finland is experiencing recurrent problems with message availability.

Italy, Portugal, Slovenia and Sweden are not considered, as they have not performed commissioning tests for request responses or have provided less than 10 HAZMAT notification messages for the whole month.

The Maritime Support Services team (MSS) received complaints from MS over cases when the details were not available.

Some MS provide HAZMAT notifications without having performed commissioning tests for requests or responses.