SafeSeaNet monthly report

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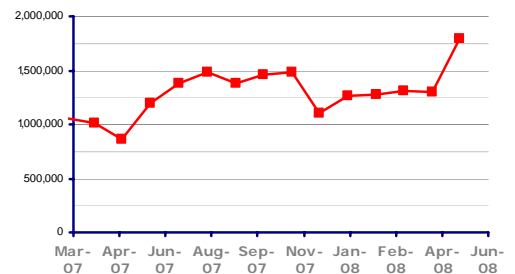
The objective of indicating the "data quality" is to assist MS in understanding those areas where their performance must be improved.

2 - Type of information

2.1 – SSN Notifications

Table 1 - SSN Notifications

COUNTRY	INTERFACE	SHIP	PORT	HAZMAT	ALERT	TOTAL
Belgium	XML	154604	6,202	182		160,988
Denmark	XML	257108		421		257,529
Finland	XML		4,099	460		4,559
Germany	XML	160428	9,477	2,220		172,125
Iceland	XML	6	6	2		14
Ireland	XML			81		81
Italy	XML	1				1
Lithuania	XML	17960	1,645	119		19,724
Malta	XML	32598	709	272		33,579
Netherlands	Web		277	120		397
Netherlands	XML	359758	11,396	2,373		373,527
Norway	XML	505378	1,840	731		507,949
Poland	XML	139414	9,198	1,591		150,203
Portugal	Web		51	4		55
Portugal	XML		1,435	124		1,559
Romania	Web		596	89		685
Slovenia	Web	165	308	9		482
Spain	XML		7,586	756		8,342
Sweden	XML	8122	8,315	771		17,208
United Kingdom	XML		71,195	10,107		81,302
TOTAL		1,635,542	134,335	20,432		1,790,309

EMSA comment: The number of notifications provided to the SSN core has risen almost 40% during the last month; this could be considered as a positive trend. No alerts received by SSN; this is expected to improve when EMSA will introduce guidelines on the use of the alerts.

2.2 – SSN Requests

Table 2 - SSN Requests

COUNTRY	INTERFACE	SHIP	PORT	HAZMAT	ALERT	TOTAL
Belgium	Web	18		14	1	33
Denmark	Web	2		5		7
Denmark	XML		2	5	5	12
Germany	Web	1		1	2	4
Germany	XML	2				2
Iceland	Web	2		2		4
Ireland	Web	1				1
Ireland	XML	1				1
Lithuania	Web	6		4	1	11
Malta	Web	1				1
Netherlands	Web	34		2		36
Norway	Web			2		2
Norway	XML		103	57,564		57,667
Poland	Web			2		2
Poland	XML	2		2		4
Portugal	Web			1		1
Romania	Web	2		21		23
Slovenia	Web	2			2	4
Spain	Web	13		75	3	91
European Commission	Web	137	2	116	20	275
European Commission	XML		568			568
TOTAL		224	675	57,816	34	58,749

EMSA comment: The number of request is still far below the rate expected.

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: June 2008
DK	Denmark	ready	yes	yes	no	
EE	Estonia	no	no	no	no	Test: October 2008 for Port and Hazmat
FI	Finland	yes	yes	no	no	Test: May/June 2008 for MRS Ship notifications, November 2008 alerts notifications and by the end of 2008 improvement in HAZMAT
FR	France	ready	ready	ready	ready	Production: June 2008
DE	Germany	yes	yes	yes	no	Production: End of 2008 for Alerts
GR	Greece	no	no	no	no	Currently drafting specifications
IC	Iceland	ready	ready	ready	no	Production: June 2008
IE	Ireland	ready	ready	ready	ready	Production: June 2008
IT	Italy	yes	ready	yes	ready	Production currently suspended
LV	Latvia	ready	ready	ready	ready	Production: June 2008
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	Production: 2009 for Alert and Ship notifications
RO	Romania (*)	yes (*)	yes (*)	yes (*)	yes (*)	Test: End of 2008
SI	Slovenia (*)	yes (*)	yes (*)	yes (*)	yes (*)	Test: August/September of 2008
ES	Spain	yes	yes	no	no	
SE	Sweden	yes	yes	yes	no	
GB	United Kingdom	yes	yes	ready	ready	

Notes: **Update: 05 June 2008**

(*) Countries participating using the Web interface

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 May 08 **Ireland** has passed the commissioning test for AIS ship notifications / requests. **Finland** has conducted successfully the commissioning test for Port, Hazmat and Ship notifications. **Sweden** upgraded their national system to improve the data provided. **Italy** suspended their activity due to technical problems.

4. Data Quality

4.1. — Ports recorded by SSN (assess with other EU data sources)

Table 4 — Number of ports visited (Dec.07 — May.08)

Country	SSN Reported Ports	Eurostat (ports lacking in SSN)	PSC (ports lacking in SSN)
Belgium	5		1
Finland	51		
Germany	46	19	4
Italy	43	33	29
Lithuania	1	1	
Netherlands	10	5	11
Norway	180	5	6
Poland	11		
Portugal	14	6	3
Romania	13	3	
Slovenia	3		
Spain	45	2	9
Sweden	146	2	10
United Kingdom	147	10	68

EMSA comment – Some MS are not sending to SSN the notifications form all ports as required under Article 4 of the Directive 2002/59. Some clarified that the missing port notifications are sent by the "parent port". Also some MS are in the process of connecting their ports authorities to the national network expecting to become fully operational by the end of 2008.

4.2. — Port Notifications

Following analysis presents the percentage of Port Notifications in SSN confirmed by at least two external data sources (Port authorities' web pages, Lloyds Maritime Intelligence Unit and Sea-Web).

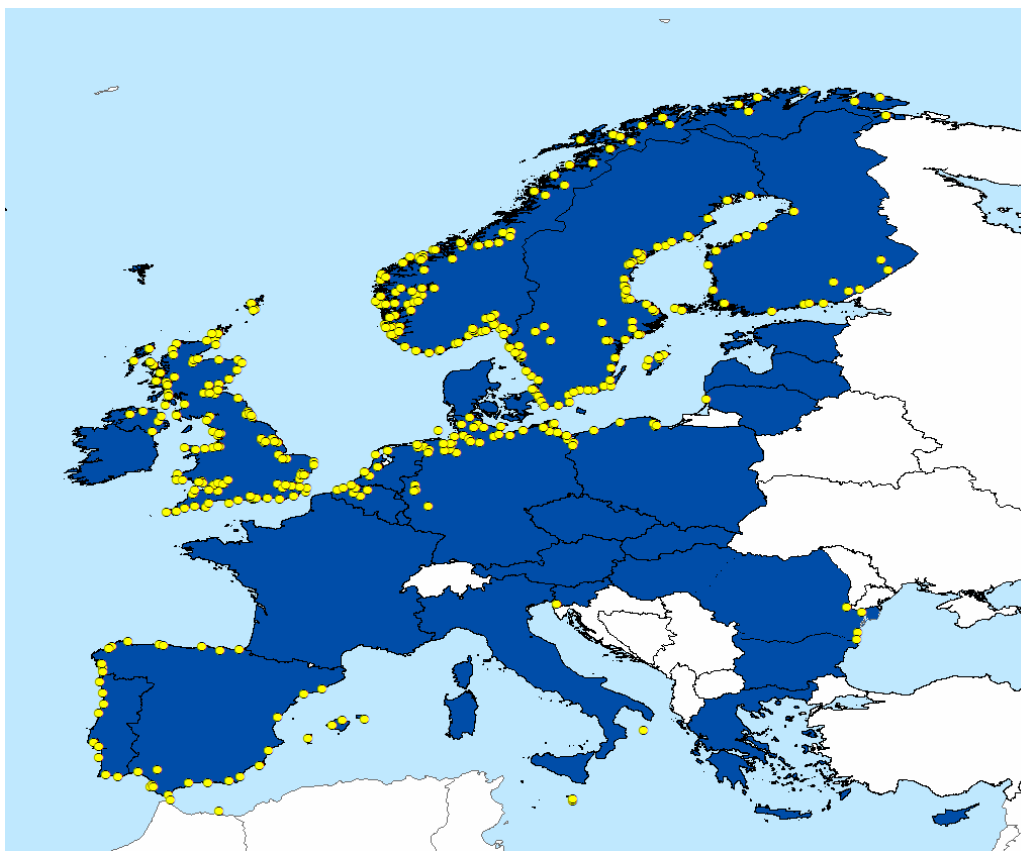**Table 5 - Port Notifications vs external sources**

Country	Number of checks	Number of Port Notifications confirmed by external sources	Percentage of port notifications confirmed by external sources
Belgium	10	10	100.00%
Germany	10	10	100.00%
Spain	10	7	70.00%
Finland	10	7	70.00%
Lithuania	9	9	100.00%
Malta	5	5	100.00%
Netherlands	10	9	90.00%
Norway	10	5	50.00%
Poland	10	9	90.00%
Portugal	10	5	50.00%
Romania	10	10	100.00%
Slovenia	10	8	80.00%
Sweden	9	9	100.00%
United Kingdom	10	4	40.00%

EMSA comment – The average percentage of the Port Notifications sent to SSN was 81% of the number of notifications confirmed by external sources. Situation has improved since last month; though some MS currently in production are not yet reporting all the expected ship calls.

4.3 – Ports reported in SSN

Figure below illustrates the EU ports whereby Port Notifications messages have been provided by Member States

Fig. 1 – Coverage of the EU Ports in SSN

4.4 – Unknown number of "persons on board"

Table below indicates the percentage for the "persons on board" field declared as "unknown" in comparison the number of the "port notifications" sent.

Table 6 – Persons on Board – Port Notifications

COUNTRY	ORIGIN	% of unknown POB in PORT NOTIFICATIONS	COUNTRY	ORIGIN	% of unknown POB in PORT NOTIFICATIONS
Belgium	beanr01	100.00%	Portugal	lcaptfao1	0.00%
Belgium	begne01	100.00%	Portugal	lcaptfdf1	0.00%
Belgium	beost01	100.00%	Portugal	lcaptfnc0	0.00%
Belgium	bezee01	100.00%	Portugal	lcaptlei	76.08%
Belgium	ncabeost1	100.00%	Portugal	lcaptlis	56.76%
Finland	ncafihel1	61.80%	Portugal	lcaptprm1	0.00%
Germany	ncadebon1	66.33%	Portugal	lcaptset1	68.33%
Iceland	cstisrey1	100.00%	Portugal	lcaptsin	28.40%
Iceland	ncaisrey1	0.00%	Portugal	lcaptvdc1	0.00%
Iceland	porisrey	0.00%	Portugal	NCAptnca1	0.00%
Lithuania	lcaltklj04	41.58%	Romania	rocnd11	0.22%
Malta	NCAMTMMA01	0.00%	Romania	rocnd13	n.a.
Netherlands	nlams01	27.63%	Romania	rocnd14	n.a.
Netherlands	nldhr01	0.00%	Romania	rogal11	0.00%
Netherlands	nldzl01	3.66%	Romania	romag11	0.00%
Netherlands	nlhar01	0.00%	Romania	romid11	13.33%
Netherlands	nlrtm03	11.46%	Romania	rotce11	0.00%
Netherlands	nlsce01	0.00%	Slovenia	ncasikpp0	0.65%
Netherlands	pornlvli1	1.44%	Spain	ncaesmad1	100.00%
Norway	NCANOHAU1	10.11%	Sweden	NCASESMA1	39.46%
Poland	ncaplgdy1	1.69%	United Kingdom	NCAGBSOU1	73.63%
Portugal	lcaptave	35.48%			

EMSA comment - Belgium and **Spain** do not provide information on the "number of persons" on board. **Belgium** plans to improve in this respect. The **United Kingdom, Portugal, Germany** and **Finland** do not send the "persons on board" field in over 50% of cases. **Iceland** sends notifications for testing purposes.

4.5. - Availability of the messages details – HAZMAT

Table 7 - Availability of the HAZMAT notifications details

COUNTRY	ORIGIN	NUMBER OF CHECKS	AVAILABLE DETAILS	% AVAILABLE DETAILS
Belgium	beanr01	2	2	100.00%
Belgium	begne01	not considered due to limited number		
Belgium	beost02	not considered due to limited number		
Belgium	bezee01	2	2	100.00%
Denmark	NCADKAAR1	3	3	100.00%
Germany	ncadebon1	4	4	100.00%
Spain	ncaesmad1	4	4	100.00%
Finland	ncafihel1	4	2	50.00%
Italy	ncaitrom1	not considered due to limited number		
Lithuania	lcaltklj04	4	4	100.00%
Malta	NCAMTMMA01	3	3	100.00%
Netherlands	nldzl01	not considered due to limited number		
Netherlands	nldhr01	2	2	100.00%
Netherlands	nlrtm03	3	3	100.00%
Netherlands	pornlvli1	3	3	100.00%
Norway	NCANOHAU1	9	9	100.00%
Poland	ncaplgdy1	3	3	100.00%
Portugal	all	n.a.		
Romania	romid11	not considered due to limited number		
Romania	rocnd13	3	3	100.00%
Romania	rocnd14	not considered due to limited number		
Slovenia	ncasikpp0	not considered due to limited number		
Sweden	NCASESMA1	Not commissioned for req/res		
United Kingdoom	NCAGBSOU1	Not available due to DC problem		

EMSA comment – Finland recorded a problem with availability of the HAZMAT messages details. The above table do not include information from MSs with limited number of HAZMAT notifications.

4.6 - Availability of the Ship notification details

Table 8- Availability of the Ship notifications details

Country	user	NUMBER of AIS aviability checks	Availability of details	%
Malta	MTAFM00	3	3	100.00%
Belgium	ncabeost1	4	4	100.00%
Germany	ncadebon1	3	3	100.00%
Lithuania	lcaltklj04	4	1	25.00%
Denmark	NCADKAAR1	3	3	100.00%
Italy	ncaitrom1	n.a.	n.a.	n.a.
Poland	ncaplgdy1	3	3	100.00%
Netherlands	nldhr04	7	1	14.29%
Slovenia	ncasikpp0	3	3	100.00%
Norway	NCANOHAU1	3	3	100.00%

EMSA comment: Lithuania and **the Netherlands** experienced problems with "TimeOut value". Their systems responded to Web requests after more than 30 seconds. "TimeOut value" of the request will be increased in future releases of SSN.