

SafeSeaNet monthly report November 2008

1 - Background information

The purpose of the monthly report is to present the latest specific measurable elements and figures, thereby providing a picture of the current status of SafeSeaNet. The report is made available to EMSA, the Commission and the Member States for their further analysis. Conclusions may be drawn from it on current usage of the SSN system. The report provides statistical information on the quantity of data exchanged in SSN. Section 4 gives an indication of the quality of the data. The objective is to inform MS on areas where their performance must be improved.

The report also provides information on the new release of SSN software (Section 5) in the production site.

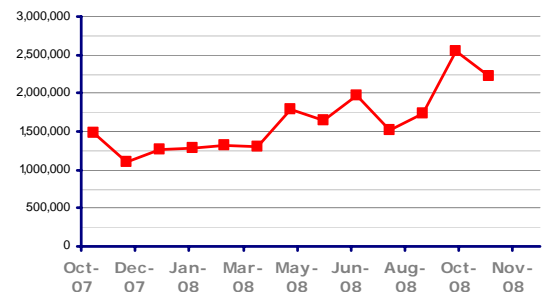
2 - Type of information

2.1 – SSN Notifications

The table below shows the type and number of notifications sent to SSN in November 08 by each reporting country while identifying the type of interface used for providing that data (Web-based or automatic XML-based). The table also includes the total amount of notifications by country and type. The graph shows the evolution of the number of notifications sent in the last year.

Table 1 - SSN Notifications

COUNTRY	INTERFACE	SHIP	PORT	HAZMAT	ALERT	TOTAL
Belgium	XML	142,749	8,464	3,011		154,224
Bulgaria	Web		173	3		176
Cyprus	XML	272,146				272,146
Denmark	XML	328,155	288	277		328,720
Finland	XML		2,999	474		3,473
France	XML	13,069	3,541	695	56	17,361
Germany	XML	154,432	9,518	1,611		165,561
Iceland	XML	11	11			22
Ireland	XML	56,472	1	54		56,527
Italy	XML	217,954	3,733	597		222,284
Latvia	XML	82,288	628	8	28	82,952
Lithuania	Web		8	9		17
	XML	15,704	1,497	249		17,450
Malta	XML	46,080	1,081	383		47,544
Netherlands	Web		396	129	11	536
	XML	265,887	10,529	2,093		278,509
Norway	XML	278,823	4,832	967		284,622
Poland	XML	112,151	1,966	705		114,822
Portugal	Web		92	4		96
	XML		1,927	294		2,221
Romania	Web		428	75		503
Slovenia	Web	145	281	13		439
Spain	XML		8,690	932		9,622
Sweden	XML	10,321	11,195	614		22,130
United Kingdom	XML	91,831	48,197	2,983	3	143,014
TOTAL		2,088,218	120,475	16,180	98	2,224,971



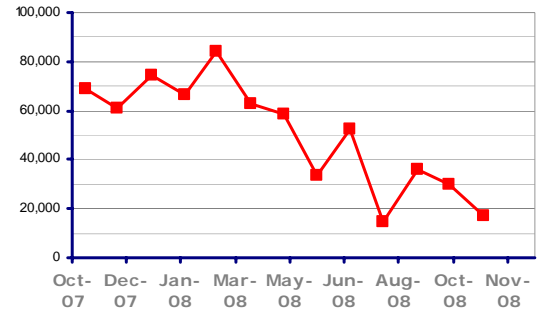
EMSA comment – The notifications received by SSN in November 2008 are more than 2 million. **Denmark** began providing Port notifications. Alerts seem to represent still a major shortfall in SSN. A new Web alert functionality is available in SSN and Member States are invited to use it for testing the system, even if they have not any real alerts to send.

2.2 – SSN Requests

The table below shows the type and number of requests made to SSN in November 08 by each reporting country; with the type of interface also identified. The graph illustrates the monthly evolution in the number of requests made during the last year.

Table 2 - SSN Requests

COUNTRY	INTERFACE	SHIP	PORT	HAZMAT	ALERT	TOTAL
Belgium	Web	5			3	8
	XML	288				288
Denmark	XML		7		5	12
Finland	Web	10			14	24
	XML	27	64			91
France	Web	6			2	9
	XML	13			4	17
Germany	Web				10	10
	XML	3				3
Ireland	Web	3				3
	XML	11	1			12
Italy	Web	1		1	2	4
	XML	2	9			11
Latvia	Web				1	1
Netherlands	Web	5			8	47
Norway	Web	10			5	16
	XML			16,547		16,547
Poland	Web	4				4
	XML	3				3
Romania	Web				4	4
Spain	Web	2			6	8
European Commission	Web	86			14	138
TOTAL		479	81	16,603	105	17,268

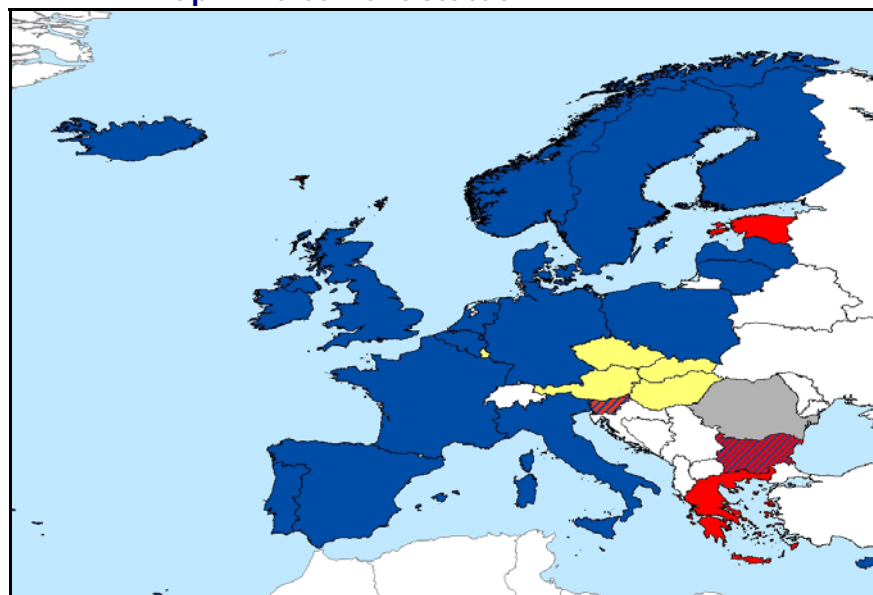


EMSA comment – The graph indicates a decrease in the number of requests since the beginning of the year. It can partially be attributed to an optimization in the Norwegian system. On the other hand it is noted that gradually more MS are actively requesting the system.

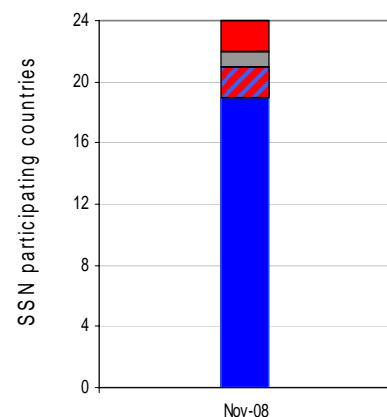
3 - Member States status

3.1 – SSN Participating Countries

Map – MS current status



Graph 1 – SSN Implementation



- Legend:**
- Countries participating in SSN through XML
 - Countries participating in SSN through the Web
 - Countries ready to participate in SSN
 - Countries not participating in SSN
 - Landlocked countries

EMSA comment – The above figure and graph illustrates MS SSN implementation.

3.2 – Status of implementation per type of notification

Table 3 summarises the MS' current status of notifications using XML (automatic connection for the message exchange) and projected dates when the remaining MS are expected to enter into production or begin their 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	Test: December of 2008 for Alert notifications
BU	Bulgaria (*)	yes (*)	yes (*)	no	no	
CY	Cyprus	ready	ready	yes	ready	
DK	Denmark	yes	yes	yes	ready	
EE	Estonia	no	no	no	no	
FI	Finland	yes	yes	no	no	Test: End of 2008 for Ship and Alerts notifications
FR	France	yes	yes	yes	yes	
DE	Germany	yes	yes	yes	no	Production: End of 2008 for Alerts
GR	Greece	no	no	no	no	Test: End of 2008
IC	Iceland	yes	yes	yes	no	
IE	Ireland	ready	yes	yes	ready	
IT	Italy	yes	yes	yes	ready	
LV	Latvia	yes	yes	yes	yes	
LT	Lithuania	yes	yes	yes	no	
MT	Malta	yes	yes	yes	ready	
NL	Netherlands	yes	yes	yes	yes (*)	
NO	Norway	yes	yes	yes	ready	
PL	Poland	yes	yes	yes	yes(*)	
PT	Portugal	yes	yes	no	no	Production: Beginning 2009 for Alert and Ship notifications
RO	Romania	ready	ready	ready	ready	
SI	Slovenia (*)	yes (*)	yes (*)	yes (*)	yes (*)	Test: December of 2008 for Port, MRS Ship and Hazmat notifications
ES	Spain	yes	yes	no	no	
SE	Sweden	yes	yes	yes	no	
GB	United Kingdom	yes	yes	yes	yes	

Notes:

Updated: December 2008

(*) Countries participating using the Web interface

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

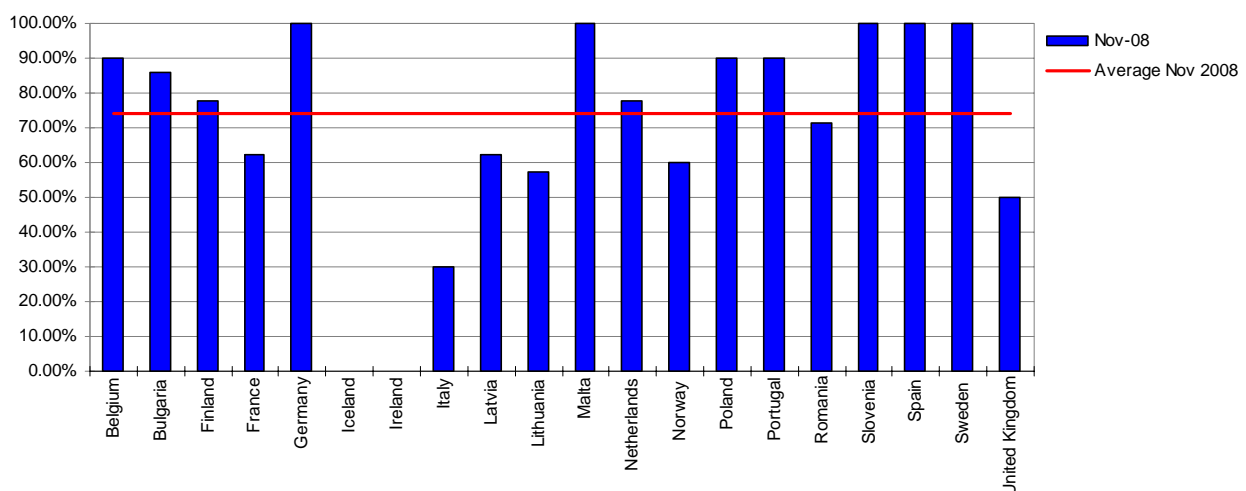
EMSA comment – Denmark began providing Port Notifications (XML Interface).

4 - Data Quality

4.1. – Port Notifications

The following graphic presents the result of the data quality checks by comparing the information available in external data sources (Port authorities' web pages, Lloyds Maritime Intelligence Unit and Sea-Web) and SSN. 100% means that all information has been reported to SSN.

Graph 2 - Port Notifications vs external sources



EMSA comment – Not all MS are providing the required port notifications: only Germany, Malta, Slovenia, Spain and Sweden reached 100% (all ship calls checked were found in SSN as port notifications). The average of notifications remains since June 2007 between 65 and 75%.

5 - Other Issues

On the 17th of November 2008 the updated version of **SSN V1.9.0.5.3** was successfully deployed in the production site. With this version a significant improvement is expected in the exchange of the alert messages. The main functionalities are summarised as follows:

- **SSN "Alert Distribution" module**, which allows MS to distribute and send alerts along the "planned route of the ship". The module produces a list of recipients to whom the alert is intended based on the likely planned route and triggers emails to recipients informing them that an incident has occurred and they can obtain further details from SSN;
- improvements in the **SSN Web application** such as exporting options, new attributes, allowing several windows with information to be opened in simultaneously, sorting table columns, etc.