

Meeting: 15th SSN / LRIT Group Meeting

Place and date: Lisbon, 28 May 2024

Agenda item: SSN Data Quality Report

Document number: SSN/LRIT 15.5.1

Submitted by EMSA

Summary	This document presents SSN implementation at national level and the related data quality issues, including the interface with THETIS.
Action to be taken	As per paragraph 7.
Related documents	a. 14th SSN/LRIT Group Meeting Report b. SSN/LRIT 14.5.1 – SSN and LRIT Data Quality Report c. SSN/LRIT 15.4.1 – SSN Roadmap d. SSN/LRIT 15.4.2 – Pilot project on the use of AI for improving DQ checks – progress report e. SSN/LRIT 15.5.2 – Data quality issues in Waste information

1. Introduction

The purpose of the SSN Data Quality Report is to present the status of SSN implementation at national level and the related data quality issues, including the interface with THETIS. The report includes figures with the overall SSN performance and the behaviour of each national SSN system and focuses on issues to be resolved. In addition, this report presents the status of the commissioning tests and the implementation of SSN V5 by MSs.

2. SSN Implementation

SSN version 5.0 was deployed in the SSN Training environment on 20 July 2021. The following releases of SSN version 5 included upgrade of the web user interface and the mechanism for the SSN v5 transition. The full SSN v5 was deployed in Production on 12 January 2022. More details on SSN V5 implementation at EMSA and MS can be found in the section 2.1.

Bunkers information is reported by Bulgaria, Croatia, Cyprus, Estonia, Germany, Iceland, Italy, Latvia, Lithuania, Malta, Norway, Poland, Romania, Slovenia, Spain and Sweden. Greece and Portugal, though commissioned, are not yet reporting Bunkers information.

On 24 January 2024, the most recent list of UNECE LOCODEs (i.e. version 2023-2, released on 27 December 2023) was uploaded in the Central Locations Database (CLD). On 28 September 2023 CLD version 1.11 and Central Organisations Database (COD) version 1.11 were deployed in Production.

The status of SSN implementation and notifications activity for each MS is shown in Annex I. Table 2 shows the implementation status by MS and Table 3 shows the number of notifications by MS and by type of notification.

2.1 SSN V5 status

The version SSN V5 includes a mechanism for the SSN v4-v5 transition, allowing national SSN systems to continue reporting in both V4 and V5.

This section presents the status of the MSs commissioning tests and implementation of SSN V5. The information shown in the table below was prepared in week 16, so as the information is dynamic in nature, some may be outdated at the time of the 15th SSN/LRIT group meeting.

Member State	Planned date for running CTs	Scope of the CTs	Planned date for entering in Production	Notes
Belgium	Completed	Updated PP+ for notifying waste related information, DPG details and exemptions plus S2S for: IR	In Production since 16 February 2022	
	Completed	PP+ for notifying PAX information	In Production since December 2023	
Bulgaria	Completed	Full scope	TBC	
Croatia	Completed	Full scope	In Production since 27 January 2022	
Cyprus	Completed	Full scope	In Production since 12 December 2022	
Denmark	Completed	Only waste related information	In Production since 23 November 2022	
	Before Dec 2023 (TBD)	PP+ for notifying PAX information		
Estonia	Completed	Full scope	In Production since 26 October 2022	
Finland	September 2022	All mandatory functionalities / Full scope	In Production since 10 January 2023	
France	Completed	Only waste related information	April/May 2023 per port	Some ports still in V4
	Before Dec 2023 (TBD)	PP+ for notifying PAX information		
Germany	Completed	Full scope	In Production since 30 March 2022	
Greece	Completed	Full scope	In Production since 22 December 2023	
Iceland	Completed	All mandatory functionalities	In Production since 5 September 2022	
Ireland	Completed	Full scope	In Production since 9 August 2022	

Member State	Planned date for running CTs	Scope of the CTs	Planned date for entering in Production	Notes
Italy	Completed	Full scope	In Production since 26 May 2022	
Latvia	Completed	Full scope	In Production since 07 November 2023	
Lithuania	Completed	Full scope	In Production since 18 May 2022	
Malta	Completed	Full scope	In Production since 1 February 2022	
The Netherlands	Completed	without CrewAndPax	In Production since 9 February 2022	
	Completed	PP+ for notifying PAX information		
Norway	Completed	All mandatory functionalities	In Production since 29 November 2023	
Poland	Completed	Full scope	In Production since 1 February 2023	
Portugal	Completed	Full scope	In Production since 10 May 2023	
Romania	Completed	All mandatory functionalities	In Production since 13 March 2022	
Slovenia	Completed	Full scope	In Production since 21 August 2023	
Spain	Completed	All mandatory functionalities	In Production since 24 May 2022	
Sweden	Completed	All mandatory functionalities	In Production since 28 Sept 2023	

Table 1 - Status of commissioning tests and implementation of SSN V5 by MSs (in week 16)

Recommendation 1: Member States are invited to note the above information, and to provide feedback should there be any changes on the information presented at the time of the meeting.

2.2 PortPlus notifications

PortPlus notifications are widely reported by all MSs. However, some need to amend their implementation and/or operational procedures in the following areas:

- The percentage of missing Port information for Romania is high (more than 1% - see Table 9).
- The percentage of missing Hazmat information for France, Ireland, Latvia, Portugal and Spain is high (more than 5%, see Table 10).

- The percentage of missing Advanced Waste Notifications for Croatia, France, Germany, Ireland, Portugal, Spain and Sweden is high (more than 5%, see Table 11).
- The percentage of missing Waste Receipts for Belgium, Estonia, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Latvia, Norway and Sweden is very high (more than 10%, see Table 12).
- The percentage of missing Security information for Portugal, Spain and Sweden is high (more than 5%, see Table 13).
- The lack of availability of the detailed part of notifications (see Section 5.5) is still an issue for some MSs (i.e. Estonia for Ship MRS and Bunkers details and Portugal for Hazmat, Security and MRS details).
- Rejections are still an issue for some countries (see Section 5.6), with over 0.2% of PortPlus notifications being rejected (Bulgaria, Cyprus, Denmark, Estonia, Finland, Germany, Greece, Ireland, Latvia, Malta, the Netherlands, Poland, Portugal and Spain).
- Estonia, France and Spain do not always provide the mandatory “PreArrival24HoursNotificationDetails” element (which includes POB information), and/or they use the “unknown” value (99999) to identify POB for a significant number of ship calls.
- Bulgaria, France, Greece, the Netherlands and Sweden report non-EU Departure Hazmat information for vessels coming from EU ports for a significant number of ship calls. It should be noted that, in these situations, the information provided overlaps with the information legitimately provided by departure ports and causes unnecessary data flows.
- The percentage of notifications lacking the ATA and/or the ATD from Bulgaria, Croatia, Cyprus, Denmark, Finland, France, Germany, Iceland, Montenegro, the Netherlands, Norway, Portugal and Spain is high (over 1%, see Table 14).

Recommendation 2: The MSs mentioned in paragraphs 2.2 are invited to provide feedback.

2.3 Exemptions

For information provided in SSN, MSs can grant eight types of exemptions for ships:

- Port notifications (Article 15 of Directive 2002/59/EC),
- Hazmat notifications (Article 15 of Directive 2002/59/EC),
- Security notifications (Article 7 of Regulation (EC) No 725/2004),
- Waste notifications, Waste fees and Waste delivery (Article 9 of Directive 2019/883),
- Exemption for Crew and Pax information (Article 9 of Directive 98/41/EC) and
- Derogation Crew and Pax (Article 9 of Directive 98/41/EC).

In addition, there is a possibility to grant exemptions on ports under PRF Directive:

- Exemption for small non-commercial ports (Article 5(5) of Directive (EU) 2019/883);
- Exemption for small ports with unmanned facilities or that are remotely located (Article 7(2) of Directive (EU) 2019/883).

The central SSN system includes a functionality whereby MSs may report these exemptions.

On 16 April 2024, the number of vessel related exemptions registered in SSN was 12,215 (3,505 were active, 8,702 expired and 8 scheduled, see Table 4). Table 5 shows the number of ship calls that took place in March 2024 (i.e., ship calls with ATD in the reporting period), and the ways in which the detailed part of the notifications (24h Pre-Arrival, Hazmat, Waste and Security) was reported by MSs.

The figures show that 4 MSs (Bulgaria, Cyprus, Portugal and Slovenia) do not have any active exemptions registered in SSN while most of the exemptions granted to MS ports relate to Waste (82.5%). Pre-Arrival, Hazmat and Security exemptions account for 4.2%, 5.4% and 7.5% respectively. Some Member States do not report the granted exemptions in SSN, thereby giving the impression that due notifications are missing.

Additionally, Croatia, Denmark, Malta, the Netherlands and Slovenia have exemptions registered in SSN for ports under PRF Directive.

Recommendation 3: Member States are invited to register exemptions in SSN system and update the existing exemptions information in SSN, in particular the information regarding the Ports to which the Exemption is applicable, in order to allow SSN to associate the exemption information to the relevant voyage.

2.4 Ship MRS notifications

Table 7 shows the number of reporting systems that have been adopted by the IMO, and which should be reported to SSN. Ship MRS notification are provided for all EU MRS systems adopted by IMO but there are some issues affecting the quality of MRS information which are being handled bilaterally with the concerned Member States.

Recommendation 4: MSs facing data quality issues related to MRS notifications are invited to take appropriate measures and/or contact EMSA for support its resolution.

2.5 Incident Reports (IR)

The exchange of IR information between MSs has not been widely implemented (see Table 8). The wrong classification of IR and information provided solely in national language has not yet been resolved.

Improvements to the Incident Report exchanged through SSN and a revised version of the [Incident Report Guidelines \(v2.2\)](#) were included in SSN version 5 following the proposal made by the Incident Report Working Group established by the HLSG 4th meeting (11 December 2018).

Recommendation 5: Member States are invited to report all Incident types in accordance with the SSN Incident Report Guidelines.

3. SSN Common Operational Procedures - COP

Among other things, the COP includes procedures for LOCODE management and steps to follow whenever the EMSA/MSS detects missing, inconsistent or erroneous data. MSs regularly receive short reports via email indicating missing ship calls or Hazmat information (whether the request/response mechanism is working); issues affecting LOCODES and rejected messages and; the provision of Waste, Security and ATAs and ATDs. For issues associated with LOCODES, monthly reports are also provided to national PSC administrators in order to provide guidance on possible corrective action to be taken in THETIS.

Recommendation 6: MSs are invited to acknowledge the receipt of these individual monthly reports, and to take corrective actions, including liaising with the National Authority for PSC.

4. SSN System Availability and Performance

4.1 System availability

The performance levels for 2023 were as follows:

- a) The central SSN system was down six times, with a total duration of 22 hours 38 minutes. Five of these downtimes were EMSA planned interventions. The maximum permissible period of continuous interruption was not exceeded, and the availability of the central SSN system was 99.74%.
- b) The SSN-THETIS interface was down thirty-four times, with a total duration of 29 hours 34 minutes. No information was lost (just delayed).
- c) No relevant full downtimes were detected in the national SSN systems.
- d) Significant partial downtimes were observed for some national SSN systems. These affected the delivery of PortPlus information, and the service delivered by the THETIS system: Bulgaria (49h03m and 24h13m), Croatia (25h01m), Cyprus (25h46m and 42h38m), Finland (30h08m), Greece (55h04m, 47h and 85h08m), Iceland (15h30m, 14h32m, 17h11m and 12h53m), Ireland (14h35m), Italy (23h30m), Latvia (31h53m), Lithuania (12h32m), Malta (12h43m and 14h02m), Norway (26h51m and 18h26m), Portugal (23h12m, 36h46m and 35h55m), Slovenia (46h33m) and Sweden (13h07m).

Recommendation 7: MSs are invited to take appropriate measures to reduce downtimes as far as possible.

4.2 Member State back-up procedures

In accordance with the IFCD (v1.1.1, section 4.4), back-up procedures should be in place for each SSN system component and should be implemented in the event of a failure or a scheduled interruption (as described in the SSN technical and operational documentation).

In the event of a failure or scheduled interruption, NCAs must ensure that SSN messages are stored and then transmitted to the central SSN system when communications and/or systems recover. The national and central SSN systems should be able to re-send messages for up to 2 weeks (ship position information may be down sampled for this purpose).

The topic of data buffering is analysed and reported yearly to Member States. On certain occasions, due to the low number of notifications provided by the MSs and/or the short downtime periods, no conclusions could be reached.

Recommendation 8: MSs are invited to store notifications during SSN intervention time windows, and to ensure that they are transmitted to the central SSN system when communications and/or systems have recovered (in accordance with Section 4.4 of the IFCD).

5. SSN Data Quality

The main data quality issues detected are listed below:

- a) Missing PortPlus notifications (see Section 5.1 and Table 9, Annex III);
- b) Missing Hazmat information (see Section 5.2 and Table 10, Annex III);
- c) Missing Advance Waste Notifications and Waste Receipts (see Section 5.3 and Tables 11 and 12, Annex III);
- d) Missing Security information (see Section 5.4 and Table 13, Annex III);
- e) Availability of the detailed part of notifications (see Section 5.5 and Table 14, Annex III);
- f) Rejected notifications (see Section 5.6 and Table 15 and Table 16, Annex III).

The reporting period was March 2024, but for missing Port and Hazmat information, it was the second half of 2023. A summary of the findings is shown in Sections 5.1 - 5.6 and full details in Annex III.

5.1 Missing PortPlus notifications (ship calls)

EMSA checked 4,085 ships that visited EU ports in the second semester of 2023 and found that 6 of the due notifications were not sent to SSN (0.15% of ships). Figure 1 shows the overall trend by comparing the percentage figures for the previous reporting periods:

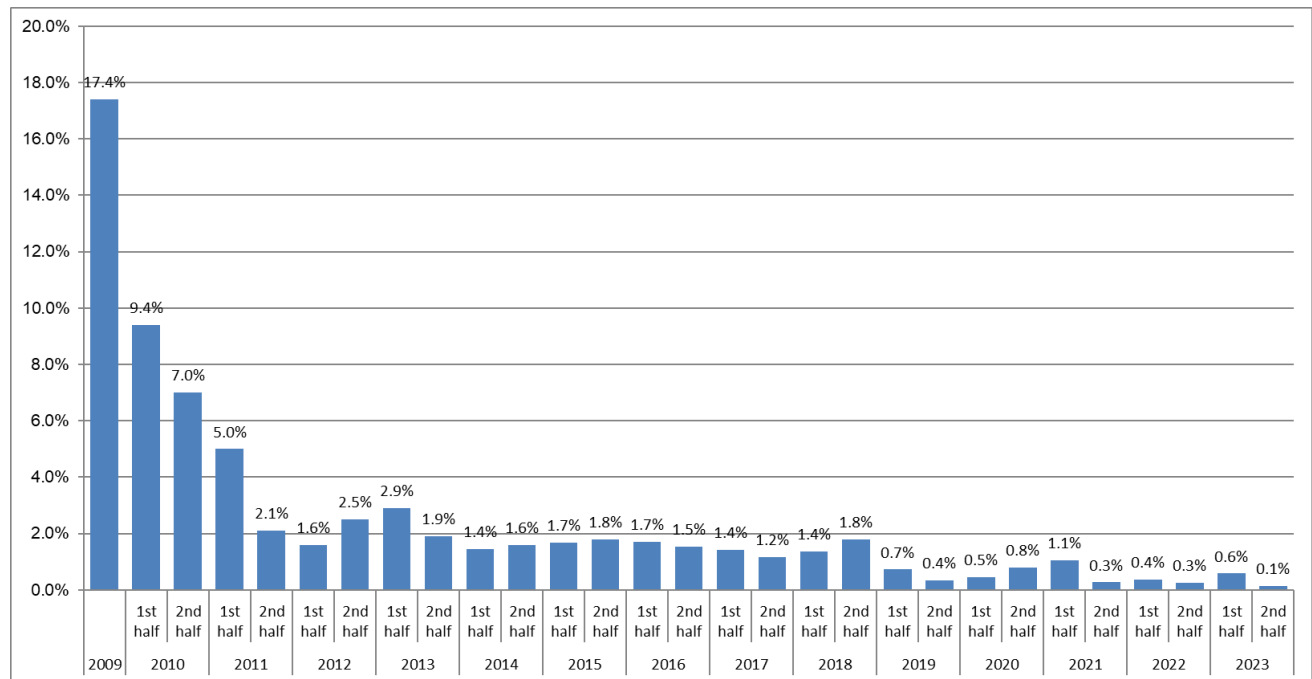


Figure 1 – Missing PortPlus notifications (ship calls) by reporting period

Recommendation 9: MSs are reminded that all notifications have to be provided in compliance with the requirements of Article 4 of Directive 2002/59/EC (as amended) and Article 24 of Directive 2009/16 (as amended) and not doing so is a breach of the Directives.

5.2 Missing Hazmat information

4.2% of the due Hazmat EU and Hazmat non-EU Departure notifications were not sent to SSN (i.e. 89 out of 2,141 notifications for ships carrying dangerous or polluting goods). With respect to the percentage figures for vessels having departed from MS ports with Hazmat cargoes on board (Hazmat EU Departure), the percentage of missing notifications increased from 3.9% to 4.2% (Figure 2 – blue data). For Hazmat non-EU Departures, the percentage of missing notifications decreased from 4.7% to 4.1% (Figure 2 – green data).

Figure 2 shows the overall trend by comparing the percentage figures for the previous reporting periods. The situation is similar to the one in the first semester of 2023. MSs should continue to improve their procedures for reporting Hazmat information (e.g. France, Ireland, Latvia, Portugal and Spain) as they have still a significant percentage of the reported issues.

The checks are based on the data already available in the SSN database, as each MRS notification provided to SSN contains information, whether Hazmat is carried on board when passing through the MRS.

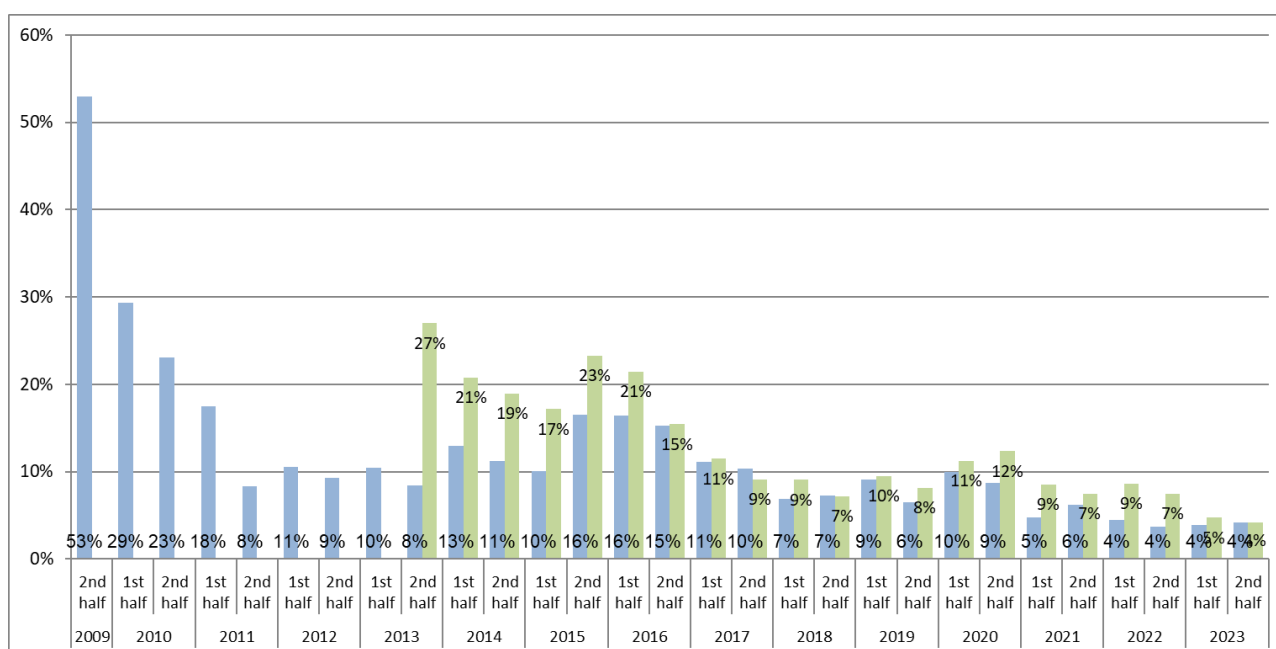


Figure 2 – Missing Hazmat information by reporting period
(Hazmat EU Departure – Blue; and Hazmat non-EU Departure – Green)

Table 10, Annex III includes the detailed results by MS.

Recommendation 10: Member States are invited to ensure that all notifications are provided in compliance with the requirements of Article 13 of Directive 2002/59/EC (as amended).

5.3 Missing Advanced Waste Notifications and Waste Receipts

EMSA monitors the percentage of missing Advanced Waste Notification (AWN) and Waste Receipts that should be provided in accordance with the Directive 2019/883. The percentage of missing AWN was 14 % (see Table 11), as compared to 18.5% in the previous reporting period. When analysing the figures, exemptions registered in SSN system and ship types were taken into account.

Figure 3 shows the overall trend by comparing the percentage figures for the previous reporting periods:

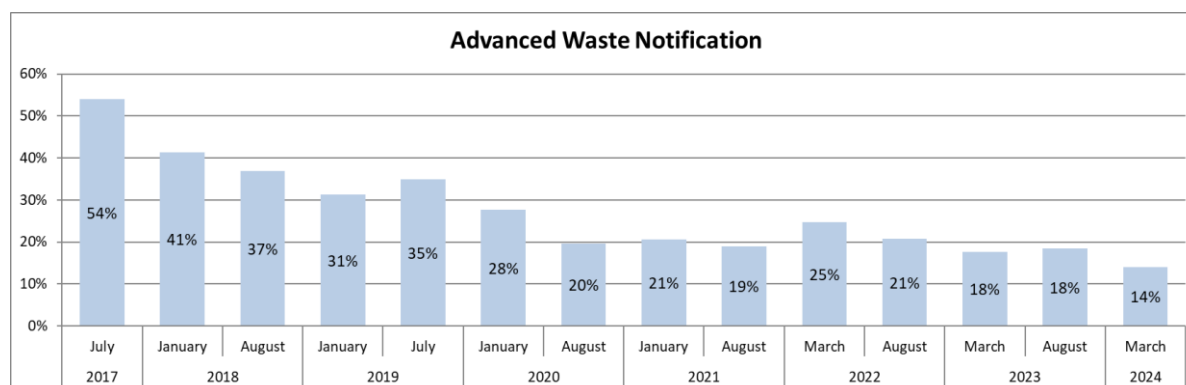


Figure 3 – Missing Waste Advanced Notification by reporting period

Regarding provision of Waste Receipts, the percentage of missing data in March 2024 was 20.2% (see Table 12), as compared to 21.2% in the previous reporting period (August 2023). Bulgaria is not yet connected to SSN V5 and consequently no Waste Receipts are provided.

Table 11 and 12, Annex III include the detailed results by MS.

Recommendation 11: Member States are invited to ensure that all notifications are provided in compliance with the requirements of Directive (EU) 2019/883, and to analyse the difference between the numbers of ship calls and the relevant Waste related data.

5.4 Missing Security information

EMSA checked that the percentage of missing Security notifications was 4% of ship calls (see Table 13), as compared to 6.9% in the previous period. When analysing the figures, exemptions registered in SSN system, ship type, gross tonnage and domestic voyages were taken into account.

Figure 4 shows the overall trend by comparing the percentage figures for the previous reporting periods:

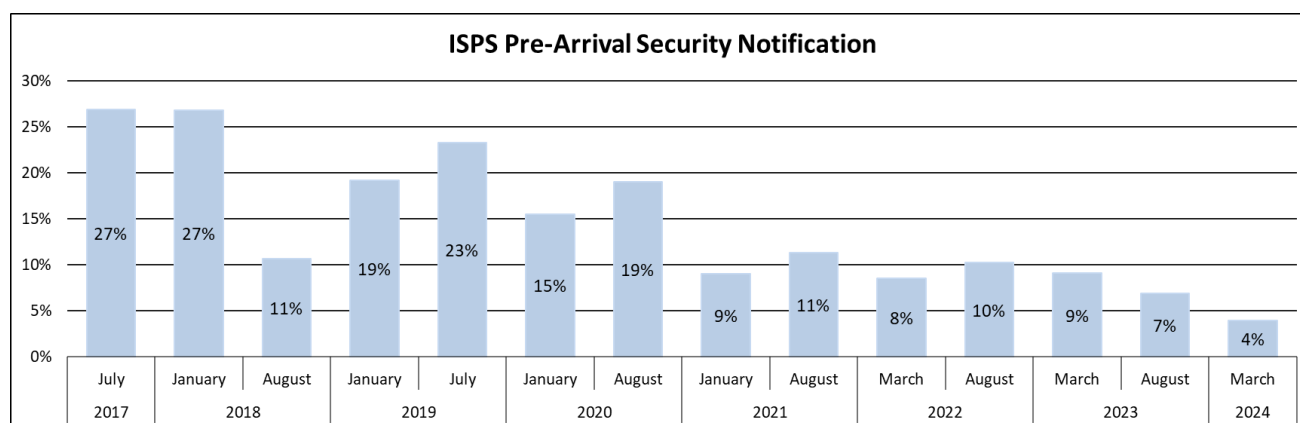


Figure 4 – Missing ISPS Pre-Arrival Security information by reporting period

Recommendation 12: Member States are invited to ensure that all notifications are provided in compliance with the requirements of Directives 2002/59/EC (as amended) and 2010/65/EU, and to analyse the difference between the numbers of ship calls and the relevant Security notifications.

5.5 Availability of the detailed part of notifications

Since the detailed part of PortPlus notifications (Hazmat, Security and Bunkers details) is available to MSs via the machine-to-machine interface upon request, it must be ensured that the request-response mechanism is always operational. Should the request-response mechanism not be working, the contact details of the reporting authority should be provided to the requester. MSs should therefore ensure that these details are kept updated and available on a 24/7 basis as a back-up solution for the provision of the detailed part of notifications.

The status of the availability of the detailed part of notifications provided by MSs is shown in Table 14, Annex III. The table shows that the issues with request/response mechanism were found for the following Member States: Estonia for Ship MRS and Bunkers details and Portugal for Hazmat, Security and MRS details.

Recommendation 13: Estonia and Portugal are invited to ensure that the detailed part of the relevant notifications is made available to MS data requesters in electronic format.

Recommendation 14: MSs are invited to ensure that their contact details are kept updated and made available to MS data requesters on a 24/7 basis as a back-up solution for the provision of the detailed part of notifications.

5.6 Rejected notifications

The most frequent causes for the rejection of PortPlus notifications were as follows:

- The message identified by MSRefId [] has already been registered in SSN (Sent by []) (89.9%);
- No waste code corresponds to the specified code(s): ... (1.6%);
- Locodes used in the elements LastPort Locode/PortOfCall Locode/NextPort Locode/ContactLocation Locode/PortDeliveryRemainingWaste Locode not technically correct or deactivated in SSN system (1.4%);
- The IMO number [] is not valid (1.3%);
- []: A port plus notification with the specified shipCallId [] has already been registered in SSN by [] (0.9%);
- Departure Notification Details once provided should be repeated in all update messages (0.8%);
- An update Port Plus notification having ATAToPortOfCall 1 year prior to the time received which is different from ATAToPortOfCall recorded in the corresponding voyage could not be accepted (0.8%).

The results can be found in Annex III (Tables 15 and 16). It should be noted that missing messages affect the proper implementation of both the VTMS and PSC Directives.

Recommendation 15: MSs are invited to rectify the reported quality problems to ensure that rejected messages are eliminated, in particular by implementing checking rules in order to minimise inconsistent data in national SSN systems.

6. SSN Interface with THETIS

6.1 ATA and ATD not provided via PortPlus notifications

MSs have the responsibility to provide the actual times of arrival (ATA) and departure (ATD) for ships calling at their ports and anchorages¹ to the THETIS inspection database via SSN within a reasonable time (THETIS only recognises a ship call when the ATA has been provided). This section evaluates the availability of ATA/ATD information in SSN for vessels falling within the scope of Directives 2009/16/EC and 2017/2110/EC.

40,498 of the ship calls created in SSN during March 2024 (via PortPlus) fell within the scope of these Directives (see Table 17, Annex IV). On average, 3.9% of ship call notifications lacked both the ATA and the ATD. In addition, a further 1.6% lacked only the ATD, despite the ships having already departed. The overall situation has worsened in comparison with last reporting period (August 2023) and further effort is required from Member States to reduce number of missing data (see Figures 5 and 6 in Annex IV).

Recommendation 16: MSs are reminded to ensure that correct ATA and ATD information is always provided in compliance with the requirements of Article 24 of Directive 2009/16/EC (as amended).

6.2 Timeliness of ATA and ATD reported in SSN

Article 24 of Directive 2009/16/EC on PSC requires that ATA and ATD information for all ships calling at MS ports or anchorages “is transferred within a reasonable time to the inspection database through SafeSeaNet, together with an identifier of the port concerned”. THETIS implemented a new rule in June 2012 in order to reject ATAs or ATDs which are provided more than 3 hours in advance of the system date and time.

¹ For THETIS, the ATA/ATD to anchorage shall be notified (through SSN) only when the anchorage is within the jurisdiction of the port and there is a ship-shore interface.

EMSA compared the timeliness of ATA and ATD information with the date/time sent (the “SentAt” element in the notification), and Annex IV (Table 18) shows the results by MS. Croatia, Denmark, Ireland and Montenegro are the mostly affected. ATAs and ATDs provided more than 3 hours in advance, and which were therefore rejected by THETIS, affect 0.01% of overall ship calls. ATA and ATD information provided more than 3 hours late affected 10.7% and 8.9% of overall ship calls respectively. These notifications were not rejected by THETIS.

Recommendation 17: MSs are invited to provide the actual times of arrival (ATA) and departure (ATD) for ships calling at their ports and anchorages via SSN within a reasonable time in compliance with the requirements of Article 24 of Directive 2009/16/EC (as amended).

7. Actions Proposed

Member States are invited to provide feedback on the reported issues.

Annex I: SSN system implementation by Member State

Member State	SSN Data Quality					SSN Interface with Thetis				SSN Version	Relevant issues affecting Member State
	Missing Information				PortPlus Rejections	ATA / ATD Availability		Timeliness of reporting			
	PortPlus	Hazmat	Waste (AWN)	Security		Only ATD missing	ATA & ATD missing	ATA / ATD more than 3h in advance (rejected by Thetis)	ATA / ATD more than 72h late		
Belgium	0.0%	2.3%	0.7%	1.0%	0.06%	0.2%	0.0%	0.0%	0.0%	v5	
Bulgaria	0.0%	0.0%	0.0%	0.0%	1.72%	0.0%	4.5%	0.0%	0.0%	v4	- Hazmat nonEU departure reported for vessels coming from EU ports (Sep 2016) - High number of rejected PortPlus notifications (Mar 2023) - High number of ship calls missing ATA and/or ATD (Mar 2024) - SSN v5 not yet implemented
Croatia	0.0%	0.0%	25.1%	1.9%	0.15%	1.0%	0.0%	0.0%	8.3%	v5	- High number of missing Waste information (Mar 2017) - High number of Waste and Security provided after ship arrival to the port (Aug 2019) - High number of ship calls reporting ATA and/or ATD more than 72h late (Sep 2018) - High number of ship calls missing ATA and/or ATD (Aug 2023)
Cyprus	0.0%	11.1%	0.0%	1.6%	0.37%	3.5%	3.5%	0.0%	1.1%	v5	- High number of rejected PortPlus notifications (Mar 2024) - High number of ship calls missing ATA and/or ATD (Mar 2024) - High number of ship calls reporting ATA and/or ATD more than 72h late (Mar 2024)
Denmark	0.0%	0.0%	1.8%	0.4%	1.98%	2.1%	0.6%	0.0%	1.6%	v5	- High number of rejected PortPlus notifications (Mar 2019) - High number of ship calls missing ATA and/or ATD (Sep 2020) - High number of ship calls reporting ATA and/or ATD more than 72h late (Sep 2020) - High number of Hazmat EU departure provided after ship departure from the port (Aug 2022) - Use of the 'unknown ZZUKN' Next Port of Call value in Hazmat EU departure (Aug 2022)
Estonia	0.0%	0.0%	0.0%	0.0%	0.38%	0.6%	0.0%	0.0%	0.1%	v5	- Ship MRS (Mar 2016) and Bunkers (Sep 2023) details not available upon request - Use of the dummy Persons on Board (POB) value (Sep 2016) - High number of rejected PortPlus notifications (Mar 2024)
Finland	0.0%	1.2%	0.9%	0.1%	0.51%	1.2%	1.0%	0.0%	0.2%	v5	- High number of ship calls missing ATA and/or ATD (Mar 2017) - High number of rejected PortPlus notifications (Mar 2023)
France	0.0%	5.2%	22.2%	4.1%	0.10%	0.3%	1.2%	0.0%	0.3%	v4/v5	- High number of missing Waste (Mar 2017) and Hazmat (Mar 2024) - High number of Hazmat nonEU departure provided after ship arrival to the port (Mar 2020) - Hazmat nonEU departure reported for vessels coming from EU ports (Aug 2017) - Use of the dummy Persons on Board (POB) value or missing to provide this value (Jun 2009) - High number of ship calls missing ATA and/or ATD (Mar 2024) - SSN v5 not yet implemented for all ports
Germany	0.5%	1.4%	15.1%	1.4%	0.40%	1.2%	2.0%	0.0%	1.4%	v5	- High number of rejected PortPlus notifications (Sep 2016) - Use of the dummy Persons on Board (POB) value (Sep 2018) - High number of ship calls missing ATA and/or ATD (Sep 2020) - High number of missing Waste (Mar 2023) - High number of ship calls reporting ATA and/or ATD more than 72h late (Aug 2023) - High number of Hazmat EU departure provided after ship departure from the port (Aug 2023)
Greece	0.6%	1.2%	0.59%	0.5%	0.70%	0.8%	0.1%	0.0%	0.6%	v5	- Hazmat nonEU departure reported for vessels coming from EU ports (Aug 2021) - High number of Waste provided after ship arrival to the port (Aug 2022) - High number of rejected PortPlus notifications (Aug 2023) - High number of Waste provided after ship arrival to the port (Mar 2024) - High number of Hazmat nonEU departure provided after ship arrival to the port (Mar 2024)

Table 2 – Implementation status by Member State on 18 April 2024

Member State	SSN Data Quality					SSN Interface with Thetis				SSN Version	Relevant issues affecting Member State
	Missing Information				PortPlus Rejections	ATA / ATD Availability		Timeliness of reporting			
	PortPlus	Hazmat	Waste (AWN)	Security		Only ATD missing	ATA & ATD missing	ATA / ATD more than 3h in advance (rejected by Thetis)	ATA / ATD more than 72h late		
Iceland	0.0%	n.a.	1.0%	0.0%	0.00%	0.0%	2.5%	0.0%	0.0%	v5	- High number of ship calls missing ATA and/or ATD (Aug 2022)
Ireland	0.0%	9.8%	8.8%	0.0%	5.85%	0.4%	0.2%	0.2%	16.0%	v5	- High number of missing Hazmat (Mar 2017) and Waste (Mar 2024) information - High number of rejected PortPlus notifications (Aug 2019) - High number of ship calls reporting ATA and/or ATD more than 3h in advance (Aug 2021) and more than 72h late (Sep 2020) - High number of Hazmat EU departure provided after ship departure from the port (Aug 2023) - High number of Waste and Security provided after ship arrival to the port (Mar 2024) - High number of Hazmat nonEU departure provided after ship arrival to the port (Mar 2024)
Italy	0.0%	4.5%	4.0%	2.2%	0.16%	0.2%	0.5%	0.0%	0.7%	v5	- High number of Waste provided after ship arrival to the port (Mar 2020)
Latvia	0.0%	10.3%	0.0%	0.0%	1.10%	0.6%	0.2%	0.0%	0.2%	v5	- High number of rejected PortPlus notifications (Aug 2019) - High number of missing Hazmat information (Mar 2024)
Lithuania	0.0%	4.8%	0.0%	0.0%	0.12%	0.3%	0.0%	0.0%	0.0%	v5	
Malta	0.0%	0.0%	2.0%	0.0%	4.88%	0.0%	0.0%	0.0%	0.0%	v5	- High number of rejected PortPlus notifications (Aug 2023)
Montenegro	0.0%	n.a.	n.a.	n.a.	0.00%	0.0%	2.6%	0.0%	2.4%	v4	- High number of ship calls missing ATA and/or ATD (Mar 2024) - High number of ship calls reporting ATA and/or ATD more than 72h late (Mar 2024)
Netherlands	0.0%	1.1%	3.7%	1.3%	16.31%	1.0%	0.5%	0.0%	0.3%	v5	- Hazmat nonEu departure reported for vessels coming from EU ports (Aug 2017) - High number of ship calls missing ATA / ATD (Sep 2022) - High number of rejected PortPlus notifications (Aug 2023)
Norway	0.5%	1.3%	3.9%	1.1%	0.01%	3.6%	8.2%	0.0%	0.3%	v5	- High number of ship calls missing ATA / ATD (Sep 2015) - Use of the 'unknown ZZUKN' Next Port of Call value in Hazmat EU departure (Mar 2024)
Poland	0.0%	0.7%	0.2%	0.2%	0.50%	0.0%	0.1%	0.0%	0.1%	v5	- High number of rejected PortPlus notifications (Mar 2024)

Table 2 – Implementation status by Member State on 18 April 2024 (cont.)

Member State	SSN Data Quality					SSN Interface with Thetis				SSN Version	Relevant issues affecting Member State
	Missing Information				PortPlus Rejections	ATA / ATD Availability		Timeliness of reporting			
	PortPlus	Hazmat	Waste (AWN)	Security		Only ATD missing	ATA & ATD missing	ATA / ATD more than 3h in advance (rejected by Thetis)	ATA / ATD more than 72h late		
Portugal	0.0%	10.8%	11.8%	21.9%	0.50%	1.6%	1.1%	0.0%	1.5%	v5	- High number of missing Hazmat (May 2021), Waste (Sep 2020) and Security (Aug 2023) information - High number of ship calls missing ATA and/or ATD (Sep 2018) - High number of Waste (Sep 2020) and Security (Aug 2023) provided after ship arrival to the port - Request-Response mechanism not working - High number of ship calls reporting ATA and/or ATD more than 72h late (Aug 2023) - High number of rejected PortPlus notifications (Mar 2024) - High number of Hazmat nonEU departure provided after ship arrival to the port (Mar 2024)
Romania	2.2%	12.5%	1.2%	0.3%	0.07%	0.0%	0.0%	0.0%	0.4%	v5	- Use of the 'unknown ZZUKN' Next Port of Call value in Hazmat EU departure (Aug 2022); - High number of missing PortPlus notifications (Mar 2024) - High number of Hazmat nonEU departure provided after ship arrival to the port (Mar 2024)
Slovenia	0.0%	1.1%	0.0%	0.0%	0.07%	0.0%	0.0%	0.0%	0.0%	v5	
Spain	0.0%	15.6%	47.9%	5.4%	0.63%	3.1%	9.8%	0.0%	1.8%	v5	- High number of missing Hazmat (Sep 2016) and Waste (Mar 2017) and Security (Mar 2024) information - High number of rejected PortPlus notifications (Aug 2019) - High number of ship calls missing ATA and/or ATD (Sep 2020) - High number of ship calls reporting ATA and/or ATD more than 72h late (Mar 2017) - Use of the dummy Persons on Board (POB) value (Jan 2009) - High number of Hazmat EU departure provided after ship departure from the port (Mar 2018) - High number of Hazmat nonEU departure provided after ship arrival to the port (Mar 2024)
Sweden	0.0%	4.1%	22.7%	19.2%	0.01%	0.5%	0.2%	0.0%	0.9%	v5	- High number of missing Waste (Mar 2022) and Security (Mar 2017) information - Non-EU Departure Hazmat reported for vessels coming from EU ports (Aug 2021)
Total	0.1%	4.2%	14.0%	4.0%	2.46%	1.6%	3.9%	0.01%	1.1%	-	Updated: 18 April 2024

Table 2 – Implementation status by Member State on 18 April 2024 (cont.)

Member State	Shipcalls			AIS ⁽¹⁾	MRS	Incident Reports	Total
	New	Updates	Cancellations				
Belgium	24,768	372,753	863	165,477,019	463	209	165,876,075
Bulgaria	3,117	33,939	70	21,618,272	-	4	21,655,402
Croatia	10,686	31,066	48	58,699,453	7,954	82	58,749,289
Cyprus	3,472	60,538	76	30,172,364	-	-	30,236,450
Denmark	30,366	90,099	1,062	247,756,448	59,283	30	247,937,288
Estonia	9,508	50,229	107	114,382,045	68,514	8	114,510,411
Finland	29,865	171,921	1,018	87,853,720	35,690	133	88,092,347
France	59,431	410,547	4,381	170,116,244	149,416	314	170,740,333
Germany	54,524	269,500	698	442,460,782	-	45	442,785,549
Greece	380,464	1,206,949	12,099	173,991,765	-	61	175,591,338
Iceland	3,894	7,775	329	90,171,194	966	-	90,184,158
Ireland	13,228	54,667	98	31,113,738	95	20	31,181,846
Italy	70,806	483,466	2,045	200,060,758	22,622	572	200,640,269
Latvia	5,839	35,314	85	21,078,497	-	19	21,119,754
Lithuania	4,785	45,637	164	9,508,276	-	17	9,558,879
Malta	11,468	68,631	1,694	15,954,990	-	31	16,036,814
Montenegro	939	1,878	17	7,042,405	-	-	7,045,239
Netherlands	52,658	810,305	2,963	308,763,628	-	90	309,629,644
Norway	162,163	916,526	10,077	766,384,551	1,018	24	767,474,359
Poland	17,045	161,214	591	61,269,896	19,922	9	61,468,677
Portugal	12,098	84,339	1,048	54,483,178	22,335	38	54,603,036
Romania	5,789	44,120	337	54,648,612	-	3	54,698,861
Slovenia	3,785	17,095	72	17,523,615	1,598	5	17,546,170
Spain	176,955	1,164,268	17,222	263,023,992	134,469	119	264,517,025
Sweden	47,051	352,241	2,348	352,182,422	-	102	352,584,164
Total	1,194,704	6,945,017	59,512	3,765,737,864	524,345	1,935	3,774,463,377

(1) AIS information transmitted through streaming mechanism

Table 3 – Number of notifications by Member State and by type of notification

Reporting period: January – December 2023

Member State	Expired exemptions								Active exemptions							
	Hazmat	Pre-Arrival	Waste Notification	Waste Delivery	Waste Fees	Security	CrewAndPax	CrewAndPax Derogation	Hazmat	Pre-Arrival	Waste Notification	Waste Delivery	Waste Fees	Security	CrewAndPax	CrewAndPax Derogation
Belgium	-	2	289	213	210	43	-	-	-	-	113	110	106	1	-	-
Bulgaria	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Croatia	-	71	-	-	-	-	-	-	-	4	-	-	-	-	-	-
Cyprus	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Denmark	4	3	3	-	-	3	-	-	43	39	122	-	-	48	-	-
Estonia	1	-	70	-	-	14	-	-	-	1	17	-	-	15	-	-
Finland	1	13	5	-	-	14	-	-	-	-	125	-	-	46	-	-
France	70	20	571	410	347	121	-	-	9	1	68	72	24	48	-	-
Germany	-	-	355	301	362	17	-	-	-	1	171	175	190	64	-	-
Greece	-	34	26	-	-	2	-	-	-	77	49	3	-	5	-	-
Iceland	4	13	4	-	-	6	1	-	2	3	14	3	-	1	-	-
Ireland	-	-	3	4	3	21	-	-	-	-	28	25	24	4	-	-
Italy	441	130	1,198	1,870	1	40	-	-	17	20	224	132	-	25	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
Lithuania	-	-	11	252	494	106	-	-	-	-	-	15	15	25	-	-
Malta	-	-	-	-	-	-	-	-	-	-	2	2	2	-	-	-
Netherlands	-	-	100	4	89	59	-	-	-	-	102	9	102	20	-	-
Norway	-	-	-	-	-	-	-	-	13	24	16	-	-	15	1	-
Poland	-	1	26	17	2	2	-	-	-	-	29	30	25	32	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Romania	1	1	1	1	1	1	1	-	43	48	43	43	43	43	42	7
Slovenia	-	-	7	6	1	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	59	61	-	-	-	-	-	-	65	64	-	-	-	-
Sweden	2	1	53	3	-	3	-	-	4	5	115	105	12	72	-	-
Total	524	289	2,781	3,142	1,512	452	2	-	131	223	1,303	788	543	467	43	7

Table 4 – Number of exemptions by type of notification registered in SSN on 16 April 2024

Member State	Shipcalls										
	Total	With Pre-Arrival		With Hazmat			With Waste		With Security		
		Information Reported	Exemption Registered	Hazmat nonEu Reported	Hazmat Eu Reported	Exemption Registered	Information Reported	Exemption Registered	Domestic	Information Reported	Exemption Registered
Belgium	2,060	2,060	-	392	1,117	-	1,687	291	178	1,791	-
Bulgaria	242	242	-	203	45	-	241	-	23	214	-
Croatia	410	410	-	15	113	-	292	-	153	159	-
Cyprus	227	227	-	35	56	-	223	-	19	180	-
Denmark	2,468	2,468	-	31	385	-	1,705	320	718	1,014	32
Estonia	822	822	-	1	457	-	731	88	11	294	497
Finland	2,047	2,047	-	2	596	-	592	1,426	695	475	857
France	4,296	4,296	-	559	2,200	2	1,782	1,543	839	3,017	175
Germany	4,268	4,268	-	150	1,886	-	2,049	1,567	550	1,719	1,807
Greece	14,898	14,898	-	260	1,404	-	13,979	582	9,589	1,256	-
Iceland	195	195	-	22	27	-	185	8	94	101	-
Ireland	1,086	1,086	-	402	232	-	839	132	69	989	-
Italy	4,852	4,852	-	389	1,611	24	2,977	1,664	2,676	1,915	98
Latvia	529	529	-	3	205	-	522	-	13	514	-
Lithuania	392	392	-	7	152	-	389	-	2	295	84
Malta	787	787	-	120	379	-	433	4	176	604	-
Montenegro	39	39	-	-	-	-	-	-	-	-	-
Netherlands	4,171	4,171	-	1,809	2,110	-	3,160	596	510	3,131	92
Norway	2,562	2,562	-	17	633	56	2,184	182	1,501	790	102
Poland	1,344	1,344	-	48	544	-	1,073	215	123	993	109
Portugal	898	898	-	43	288	-	784	-	365	393	-
Romania	427	427	-	60	57	-	422	-	34	386	-
Slovenia	141	141	-	28	78	-	141	-	-	141	-
Spain	12,193	12,193	-	383	1,382	-	3,851	1,911	6,157	3,870	-
Sweden	3,775	3,775	-	39	1,102	-	1,258	1,635	783	1,431	966
Total	65,129	65,129	-	5,018	17,059	82	41,499	12,164	25,278	25,672	4,819

Table 5 – Number of ship calls and how the detailed part of notifications is reported by Member States (reporting period: March 2023)

Member State	Messaging Interface	Streaming Interface	
	Ship AIS	AIS Reports	Regional Server / Proxy
Belgium	-	10,833,136	North Sea
Bulgaria	-	1,469,603	MARES
Croatia	-	3,521,249	MARES
Cyprus	-	1,666,704	MARES
Denmark	-	15,775,456	HELCOM
Estonia	-	6,560,729	HELCOM
Finland	-	5,647,809	HELCOM
France	-	16,016,183	North Sea and MARES (Mediterranean Coast)
Germany	-	30,575,888	HELCOM and North Sea
Greece	-	12,048,077	MARES
Iceland	-	6,476,591	North Atlantic
Ireland	-	2,106,074	North Sea
Italy	-	12,733,815	MARES
Latvia	-	1,574,262	HELCOM
Lithuania	-	561,821	HELCOM
Malta	-	1,756,716	MARES
Montenegro	-	515,736	MARES
Netherlands	-	15,535,953	North Sea
Norway	-	51,258,198	North Atlantic
Poland	-	4,058,509	HELCOM
Portugal	-	4,063,758	MARES
Romania	-	4,591,068	MARES
Slovenia	-	1,232,966	HELCOM
Spain	-	20,113,918	MARES
Sweden	-	20,161,553	HELCOM
Total	-	250,855,772	

Table 6 – Number of AIS reports by Member State and Interface (reporting period: March 2024)

Member State	MRS	Area	Ship MRS Notifications
Belgium	WETREP	EU Atlantic Coast (only for ships carrying heavy grade oils)	30
Bulgaria	-	-	-
Croatia	ADRIREP	Adriatic Sea	635
Cyprus	-	-	-
Denmark	BELTREP	Great Belt	2,253
	SOUNDREP	The Sound	3,035
Estonia	GOFREP	Gulf of Finland	5,940
Finland	GOFREP	Gulf of Finland	2,835
France	BONIFREP	Strait of Bonifacio (only DPG)	238
	CALDOVREP	Dover Strait/ Pas de Calais	3,291
	MANCHREP	Off Les Casquets/ La Manche	5,270
	OUESSREP	Off Ouessant	3,875
	WETREP	EU Atlantic Coast (only for ships carrying heavy grade oils)	32
Germany	-	-	-
Greece	-	-	-
Iceland	TRANSREP	South & South West coast of Iceland	64
Ireland	WETREP	EU Atlantic Coast (only for ships carrying heavy grade oils)	9
Italy	ADRIREP	Adriatic Sea	1,805
	BONIFREP	Strait of Bonifacio (only DPG)	184
Latvia	-	-	-
Lithuania	-	-	-
Malta	-	-	-
Montenegro	-	-	-
Netherlands	-	-	-
Norway	BAREP	Barents Sea	99
Poland	GDANREP	Gulf of Gdansk	1,837
Portugal	COPREP	Coast of Portugal	2,104
	WETREP	EU Atlantic Coast (only for ships carrying heavy grade oils)	3
Romania	-	-	-
Slovenia	ADRIREP	Adriatic Sea	147
Spain	CANREP	Canary Islands (only for ships carrying heavy grade oils)	55
	FINREP	Finisterre (NW Coast of Spain)	2,988
	GATREP ⁽¹⁾	Gulf of Almeria (Gata Cape)	3,458
	GIBREP	Strait of Gibraltar	4,418
	WETREP	EU Atlantic Coast (only for ships carrying heavy grade oils)	32
Sweden	SOUNDREP ⁽²⁾	The Sound	-
Total			44,637

(1) Voluntary Ship Reporting System

(2) Sweden SOUNDREP reports are transmitted to SSN by Denmark

Table 7 – Number of MRS reports by Member State and SSN Protocol (reporting period: March 2024)

Member State	Incident Type								Protocol		Total
	SITREP	POLREP	WASTE	L&F Containers	Failed Notification	Pilot / Port Report	VTs Rules Infringement	Others	XML	WEB	
Belgium	31	3	-	-	-	175	-	-	205	4	209
Bulgaria	-	-	-	-	-	2	1	1	4	-	4
Croatia	45	-	-	-	-	-	36	1	82	-	82
Cyprus	-	-	-	-	-	-	-	-	-	-	-
Denmark	26	-	-	1	-	-	1	2	-	30	30
Estonia	8	-	-	-	-	-	-	-	8	-	8
Finland	77	-	-	-	2	-	51	3	133	-	133
France	172	52	-	-	3	23	3	61	218	96	314
Germany	29	1	-	-	-	2	1	12	-	45	45
Greece	45	-	-	-	-	-	-	16	-	61	61
Iceland	-	-	-	-	-	-	-	-	-	-	-
Ireland	16	1	-	-	-	-	-	3	-	20	20
Italy	373	1	-	2	2	42	-	152	-	572	572
Latvia	12	-	-	-	-	-	-	7	-	19	19
Lithuania	6	1	-	-	-	9	-	1	17	-	17
Malta	11	-	-	-	-	4	2	14	-	31	31
Netherlands	85	1	-	-	-	-	-	4	-	90	90
Norway	21	2	-	-	-	-	1	-	8	16	24
Poland	7	-	-	-	-	-	-	2	9	-	9
Portugal	33	-	-	2	1	-	1	1	-	38	38
Romania	2	-	-	-	-	1	-	-	-	3	3
Slovenia	2	-	-	-	-	2	-	1	5	-	5
Spain	117	-	-	-	-	-	-	2	117	2	119
Sweden	9	3	-	1	2	1	82	4	-	102	102
Total	1,127	65	-	6	10	261	179	287	806	1,129	1,935

Table 8 – Number of Incident Reports by Member State and by Type (reporting period: January – December 2023)

Annex III: Data quality

Member State	Second half 2023 (Jul 2023 - Dec 2023)														Evolution
	Nr. Checks	Notifications Missing	2018	2019		2020		2021		2022		2023			
			Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec		
Belgium	180	0	1%	1%	0%	0%	1%	1%	0%	0%	0%	0%	0.00%		
Bulgaria	120	0	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.00%		
Croatia	140	0	4%	0%	1%	0%	0%	1%	0%	0%	0%	0%	0.00%		
Cyprus	150	0	0%	4%	0%	0%	1%	0%	0%	0%	0%	0%	0.00%		
Denmark	211	0	6%	4%	1%	1%	0%	2%	0%	0%	0%	2%	0.00%		
Estonia	119	0	2%	2%	1%	0%	2%	1%	0%	0%	0%	4%	0.00%		
Finland	210	0	1%	1%	0%	1%	2%	3%	0%	1%	1%	1%	0.00%		
France	187	0	2%	1%	0%	0%	0%	1%	1%	0%	0%	1%	0.00%		
Germany	222	1	2%	0%	0%	1%	1%	2%	1%	1%	0%	0%	0.45%		
Greece	167	1	4%	0%	0%	0%	1%	1%	0%	0%	1%	2%	0.60%		
Iceland	143	0	1%	0%	0%	0%	1%	0%	0%	1%	0%	0%	0.00%		
Ireland	155	0	0%	0%	1%	0%	0%	0%	0%	0%	0%	2%	0.00%		
Italy	214	0	2%	1%	0%	0%	3%	1%	1%	0%	0%	2%	0.00%		
Latvia	141	0	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.00%		
Lithuania	131	0	1%	0%	0%	0%	0%	1%	1%	0%	0%	0%	0.00%		
Malta	142	0	5%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0.00%		
Montenegro	124	0	5%	0%	0%	0%	0%	5%	2%	0%	2%	4%	0.00%		
Netherlands	214	0	0%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0.00%		
Norway	210	1	5%	1%	1%	0%	2%	1%	0%	2%	2%	0%	0.48%		
Poland	143	0	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.00%		
Portugal	122	0	1%	1%	5%	9%	2%	5%	3%	5%	2%	1%	0.00%		
Romania	135	3	1%	1%	1%	0%	1%	0%	0%	0%	0%	1%	2.22%		
Slovenia	120	0	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.00%		
Spain	200	0	1%	0%	0%	0%	1%	2%	1%	0%	0%	0%	0.00%		
Sweden	185	0	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.00%		
Total	4,085	6	1.8%	0.7%	0.4%	0.5%	0.8%	1.1%	0.3%	0.4%	0.3%	0.6%	0.15%		

Table 9 – Missing Port notifications by Member State and by reporting period

Values not complying with the IFCD are highlighted in red

Member State	Hazmat EU Departure													Evolution
	Second half 2023 (Jul 2023 - Dec 2023)													
	Nr. Checks	Notifications Missing	2019		2020		2021		2022		2023			
Jan-Jun			Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec			
Belgium	87	2	2%	1%	1%	1%	1%	0%	2.0%	0.0%	2.3%			
Bulgaria	6	0	n.a.	n.a.	0%	0%	0%	0%	8.3%	11.1%	n.a.	n.a.		
Croatia	55	0	2%	0%	0%	0%	1%	0%	0.0%	0.0%	0.0%			
Cyprus	6	1	4%	0%	0%	0%	0%	0%	0.0%	0.0%	16.7%			
Denmark	70	0	14%	3%	22%	0%	3%	3%	4.3%	0.0%	0.0%			
Estonia	18	0	1%	0%	25%	0%	1%	0%	0.0%	0.0%	0.0%			
Finland	70	0	5%	7%	0%	7%	1%	4%	1.7%	6.3%	3.6%	0.0%		
France	90	2	7%	6%	4%	7%	5%	7%	5.2%	3.0%	3.6%	2.2%		
Germany	86	2	3%	1%	4%	3%	0%	0%	2.8%	4.4%	0.9%	2.3%		
Greece	81	0	3%	4%	7%	3%	2%	2%	0.9%	0.0%	0.0%	0.0%		
Iceland	0	0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.		
Ireland	58	6	10%	7%	8%	18%	9%	15%	11.1%	16.7%	8.0%	10.3%		
Italy	94	4	11%	4%	6%	8%	7%	7%	4.3%	5.8%	3.5%	4.3%		
Latvia	28	2	1%	0%	0%	7%	1%	3%	2.3%	0.0%	0.0%	7.1%		
Lithuania	46	3	1%	0%	0%	14%	2%	0%	0.0%	0.0%	1.5%	6.5%		
Malta	51	0	1%	5%	6%	25%	2%	11%	1.6%	5.4%	0.0%	0.0%		
Netherlands	91	1	1%	2%	4%	3%	2%	1%	0.0%	0.0%	0.9%	1.1%		
Norway	68	1	6%	9%	4%	9%	8%	11%	6.5%	0.0%	2.2%	1.5%		
Poland	75	1	2%	0%	0%	0%	1%	0%	0.0%	0.0%	0.0%	1.3%		
Portugal	86	10	n.a.	3%	3%	10%	5%	12%	11.5%	5.0%	14.4%	11.6%		
Romania	8	1	n.a.	0%	13%	0%	0%	0%	0.0%	0.0%	0.0%	12.5%		
Slovenia	42	0	0%	0%	3%	0%	0%	0%	0.0%	0.0%	0.0%	0.0%		
Spain	88	18	42%	22%	34%	28%	23%	27%	15.5%	14.0%	23.2%	20.5%		
Sweden	64	3	35%	30%	5%	36%	12%	12%	12.5%	4.0%	4.5%	4.7%		
Total	1,368	57	9.5%	6.5%	10.0%	8.7%	4.8%	6.2%	4.4%	3.7%	3.9%	4.2%		

Member State	Hazmat non-EU Departure													Evolution	
	Second half 2023 (Jul 2023 - Dec 2023)														
	Nr. Checks	Notifications Missing	2019		2020		2021		2022		2023				
Jan-Jun			Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec				
Belgium	87	2	1%	3%	3%	11%	5%	4%	0.0%	6.0%	0.0%	2.3%			
Bulgaria	0	0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.			
Croatia	24	0	2%	0%	0%	0%	2%	0%	0.0%	0.0%	0.0%	0.0%			
Cyprus	3	0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.0%	0.0%	0.0%	0.0%			
Denmark	13	0	9%	0%	0%	33%	8%	13%	21.7%	0.0%	0.0%	0.0%			
Estonia	5	0	2%	0%	0%	0%	0%	0%	#DIV/0!	0.0%	0.0%	0.0%			
Finland	12	1	13%	0%	n.a.	n.a.	n.a.	n.a.	25.0%	50.0%	0.0%	8.3%			
France	83	7	12%	7%	6%	7%	19%	8%	11.0%	8.3%	2.9%	8.4%			
Germany	53	0	5%	2%	0%	0%	2%	1%	3.7%	0.0%	0.0%	0.0%			
Greece	4	1	0%	8%	0%	0%	11%	15%	12.5%	9.1%	0.0%	25.0%			
Iceland	0	0	n.a.	n.a.	0%	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.			
Ireland	3	0	n.a.	n.a.	0%	100%	50%	20%	7.1%	0.0%	0.0%	0.0%			
Italy	85	4	12%	3%	0%	9%	10%	8%	0.0%	8.1%	3.6%	4.7%			
Latvia	1	1	6%	n.a.	n.a.	n.a.	n.a.	n.a.	14.3%	25.0%	0.0%	100.0%			
Lithuania	16	0	0%	0%	25%	0%	0%	0%	0.0%	0.0%	0.0%	0.0%			
Malta	5	0	0%	13%	0%	100%	15%	0%	0.0%	22.2%	0.0%	0.0%			
Netherlands	90	1	2%	3%	5%	1%	0%	0%	0.0%	0.0%	0.9%	1.1%			
Norway	12	0	31%	n.a.	50%	0%	25%	14%	18.8%	0.0%	0.0%	0.0%			
Poland	77	0	1%	0%	0%	0%	3%	0%	0.0%	5.0%	0.0%	0.0%			
Portugal	53	5	3%	3%	2%	20%	9%	18%	30.5%	26.0%	20.8%	9.4%			
Romania	0	0	n.a.	n.a.	0%	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.			
Slovenia	52	1	3%	0%	0%	0%	0%	0%	0.0%	0.0%	0.0%	1.9%			
Spain	85	9	36%	29%	33%	29%	22%	23%	21.9%	13.9%	22.5%	10.6%			
Sweden	10	0	24%	20%	25%	33%	16%	0%	47.4%	9.1%	5.3%	0.0%			
Total	773	32	9.1%	8.2%	11.1%	12.3%	8.5%	7.5%	8.6%	7.5%	4.7%	4.1%			

Table 10 – Missing Hazmat EU Departure and non-EU Departure notifications by Member State and by reporting period²

Values not complying with the IFCD are highlighted in red

² Percentages are employed to allow MSs to verify their trends in a more user-friendly way. Percentages should be disregarded for those MSs with a low number of samples employed.

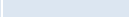
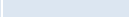
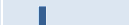
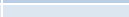
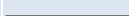
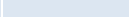
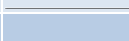
Member State	Advanced Waste Notification												Evolution
	2018	2019		2020		2021		2022		2023		2024	
	August	January	July	January	August	January	August	March	August	March	August	March	
Belgium	17.5%	10.2%	6.7%	1.6%	1.15%	1.89%	2.48%	8.49%	0.97%	0.80%	0.72%	0.65%	
Bulgaria	0.3%	0.0%	0.6%	0.0%	0.34%	0.00%	0.32%	1.32%	0.00%	0.83%	0.34%	0.00%	
Croatia	40.9%	15.3%	38.8%	16.4%	25.74%	24.81%	54.80%	40.90%	81.74%	50.86%	88.56%	25.14%	
Cyprus	1.1%	0.4%	0.0%	1.2%	0.00%	0.47%	0.47%	0.00%	0.00%	0.78%	0.00%	0.00%	
Denmark	4.7%	6.0%	5.5%	1.4%	5.15%	1.37%	1.59%	3.77%	2.60%	1.86%	2.02%	1.78%	
Estonia	19.2%	19.3%	6.1%	2.7%	4.20%	0.38%	0.10%	0.00%	0.33%	0.87%	0.25%	0.00%	
Finland	27.0%	8.5%	3.5%	6.6%	5.95%	8.03%	4.86%	0.17%	0.41%	1.01%	0.51%	0.93%	
France	33.0%	21.7%	14.8%	24.9%	17.50%	28.47%	19.62%	21.53%	23.52%	15.85%	18.86%	22.20%	
Germany	47.7%	41.2%	41.6%	44.1%	36.94%	55.26%	16.74%	43.36%	4.28%	35.01%	5.64%	15.09%	
Greece	-	-	-	72.1%	2.06%	4.13%	1.28%	1.16%	0.39%	0.22%	0.32%	0.59%	
Iceland	0.2%	2.0%	0.0%	4.1%	3.81%	8.05%	0.00%	0.00%	0.40%	4.29%	0.16%	1.03%	
Ireland	0.0%	0.0%	0.1%	0.0%	0.00%	0.00%	0.00%	26.17%	20.44%	3.96%	4.84%	8.84%	
Italy	23.7%	23.6%	20.9%	22.6%	28.16%	29.94%	38.65%	22.07%	11.34%	4.03%	6.55%	3.97%	
Latvia	0.2%	0.5%	0.0%	0.2%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Lithuania	0.0%	0.2%	0.0%	0.2%	0.00%	0.00%	0.00%	0.26%	0.26%	0.77%	0.27%	0.00%	
Malta	1.7%	1.4%	1.2%	1.7%	1.22%	3.97%	0.88%	0.24%	0.00%	0.00%	0.00%	2.02%	
Netherlands	25.0%	7.9%	9.4%	7.3%	9.55%	5.07%	11.22%	5.86%	4.97%	2.02%	2.72%	3.73%	
Norway	21.2%	8.3%	7.0%	8.2%	6.56%	6.93%	6.84%	7.74%	2.70%	6.91%	6.52%	3.91%	
Poland	1.1%	0.2%	6.2%	0.2%	0.40%	0.50%	0.62%	1.98%	0.49%	2.99%	0.00%	0.24%	
Portugal	-	-	-	-	37.50%	19.03%	7.27%	28.70%	20.00%	9.48%	7.39%	11.81%	
Romania	0.0%	0.0%	0.2%	0.3%	0.00%	0.00%	0.25%	1.17%	0.71%	1.52%	0.65%	1.18%	
Slovenia	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Spain	65.4%	52.1%	64.8%	57.4%	62.33%	52.95%	63.02%	75.94%	71.55%	58.49%	67.95%	47.91%	
Sweden	60.1%	27.7%	0.0%	0.0%	0.00%	0.00%	0.00%	28.42%	28.30%	26.78%	32.18%	22.69%	
Total	36.8%	31.3%	34.9%	27.7%	19.6%	20.6%	19.0%	24.7%	20.8%	17.6%	18.5%	14.0%	

Table 11 – Missing Advanced Waste Notification (AWN) by Member State and by reporting period.

Member State	Current reporting period - March 2024						Previous reporting periods Waste Receipt missing	
	Shipcalls under PRF	Existing Waste Receipt	No Waste to deliver	Exemption	Waste Receipt missing	Waste Receipt missing [%]	August 2023	April 2023
Belgium	1,674	1,043	457	-	174	10.4%	11.2%	9.8%
Bulgaria	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Croatia	265	160	105	-	-	0.0%	11.3%	50.6%
Cyprus	224	112	108	-	4	1.8%	2.7%	0.4%
Denmark	1,652	1,652	-	-	-	0.0%	0.0%	0.0%
Estonia	722	-	385	-	337	46.7%	43.9%	41.7%
Finland	597	423	44	-	130	21.8%	20.8%	21.4%
France	1,773	679	611	-	483	27.2%	n.a.	n.a.
Germany	2,004	740	554	12	698	34.8%	42.7%	44.9%
Greece	13,383	573	10,437	-	2,373	17.7%	n.a.	n.a.
Iceland	175	-	123	-	52	29.7%	42.1%	35.8%
Ireland	752	161	459	4	128	17.0%	24.1%	24.8%
Italy	2,751	797	538	2	1,414	51.4%	45.9%	50.8%
Latvia	536	126	121	-	289	53.9%	n.a.	n.a.
Lithuania	382	181	88	98	15	3.9%	6.5%	3.7%
Malta	323	236	64	-	23	7.1%	9.7%	13.7%
Netherlands	2,956	2,268	488	-	200	6.8%	7.9%	8.8%
Norway	2,212	8	1,305	-	899	40.6%	n.a.	n.a.
Poland	853	577	247	-	29	3.4%	13.0%	13.2%
Portugal	814	348	430	-	36	4.4%	11.3%	n.a.
Romania	419	408	11	-	-	0.0%	0.0%	0.0%
Slovenia	141	141	-	-	-	0.0%	66.2%	n.a.
Spain	3,782	61	3,367	-	354	9.4%	10.8%	7.6%
Sweden	1,254	722	164	-	368	29.3%	29.3%	86.8%
Total	39,644	11,416	20,106	116	8,006	20.2%	21.2%	24.7%
TOTAL August2023	23,410	9,624	8,579	234	4,973	21.2%		
TOTAL April2023	21,578	7,998	8,114	137	5,329	24.7%		

Table 12 – Missing Waste Receipts by Member State and by reporting period.

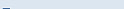
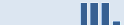
Member State	ISPS Pre-Arrival Security Notification												Evolution
	2018	2019		2020		2021		2022		2023		2024	
	August	January	July	January	August	January	August	March	August	March	August	March	
Belgium	2.8%	2.5%	3.4%	3.3%	0.6%	1.3%	1.0%	2.0%	2.1%	2.2%	1.7%	1.0%	
Bulgaria	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Croatia	0.0%	0.0%	0.3%	0.0%	0.0%	1.8%	0.9%	0.0%	2.0%	0.0%	0.0%	1.9%	
Cyprus	3.4%	1.3%	3.8%	1.3%	0.4%	1.1%	2.3%	3.8%	1.9%	2.6%	1.7%	1.6%	
Denmark	1.9%	1.7%	3.3%	0.4%	0.4%	1.0%	0.9%	0.7%	0.6%	0.3%	0.8%	0.4%	
Estonia	3.2%	0.0%	0.0%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Finland	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.1%	
France	19.8%	18.9%	20.1%	23.6%	6.4%	6.0%	14.7%	12.6%	15.5%	16.4%	8.3%	4.1%	
Germany	22.2%	15.8%	15.7%	15.4%	13.6%	6.7%	6.8%	6.3%	2.0%	1.1%	1.0%	1.4%	
Greece	-	-	-	75.0%	77.8%	19.3%	39.5%	18.7%	24.0%	29.1%	5.7%	0.5%	
Iceland	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Ireland	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Italy	4.8%	4.2%	3.4%	3.1%	5.5%	2.2%	5.9%	2.7%	7.3%	2.3%	7.8%	2.2%	
Latvia	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Lithuania	0.0%	4.0%	0.7%	2.5%	0.0%	1.3%	0.0%	0.0%	0.3%	0.3%	0.3%	0.0%	
Malta	0.1%	0.3%	1.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	
Netherlands	14.0%	3.7%	8.1%	9.4%	3.1%	4.0%	7.3%	1.5%	1.6%	1.5%	1.0%	1.3%	
Norway	7.5%	0.7%	0.8%	0.4%	0.4%	2.5%	4.8%	3.3%	8.8%	4.3%	9.9%	1.1%	
Poland	0.5%	0.3%	0.2%	0.5%	0.2%	0.1%	0.2%	1.5%	0.7%	0.0%	0.4%	0.2%	
Portugal	-	-	-	-	-	-	-	100.0%	100.0%	100.0%	41.5%	21.9%	
Romania	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.3%	0.3%	0.3%	0.2%	0.0%	0.3%	
Slovenia	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Spain	2.4%	2.6%	3.8%	2.9%	2.9%	2.3%	2.5%	2.2%	4.6%	4.4%	4.5%	5.4%	
Sweden	24.8%	18.6%	24.6%	21.0%	22.6%	45.7%	36.4%	34.8%	39.2%	32.5%	33.1%	19.2%	
Total	11%	19%	23%	15%	19.0%	9.1%	11.3%	8.5%	10.2%	9.1%	6.9%	4.0%	

Table 13 – Missing Security information by Member State and by reporting period.

Member State	Hazmat Details	MRS Details	Security Details	Bunkers Details
Belgium	Available	Available	Available	-
Bulgaria	Available	-	Available	Available
Croatia	Available	Available	Available	Available
Cyprus	Available	-	Available	Available
Denmark	Available	Available	Available	-
Estonia	Available	Unavailable	Available	Unavailable
Finland	Available	Available	Available	-
France	Available	Available	Available	-
Germany	Available	-	Available	Available
Greece	Available	-	Available	- ⁽¹⁾
Iceland	Available	Available	Available	Available
Ireland	Available	Available ⁽²⁾	Available	-
Italy	Available	Available	Available	Available
Latvia	Available	-	Available	Available
Lithuania	Available	-	Available	Available
Malta	Available	-	Available	Available
Montenegro	-	-	-	-
Netherlands	Available	-	Available	-
Norway	Available	Available	Available	Available
Poland	Available	Available	Available	Available
Portugal	Unavailable	Unavailable	Unavailable	- ⁽¹⁾
Romania	Available	-	Available	Available
Slovenia	Available	Available	Available	Available
Spain	Available	Available	Available	Available
Sweden	Available	-	Available	Available

(1) No data reported

(2) Data reported through the Web User Interface

Table 14 – Availability of the detailed part of the notifications (check on 18 April 2024)

Member State	March 2024													Evolution
	Port Plus Notifications	Port Plus Rejected	January 2019	July 2019	January 2020	August 2020	January 2021	August 2021	March 2022	August 2022	March 2023	August 2023	March 2024	
Belgium	32,362	18	0.00%	0.00%	0.03%	0.08%	0.00%	0.01%	0.05%	0.10%	0.00%	0.00%	0.06%	
Bulgaria	3,318	57	0.00%	0.28%	0.24%	0.00%	0.20%	0.05%	0.37%	0.11%	0.32%	1.20%	1.72%	
Croatia	2,051	3	0.00%	0.28%	0.00%	0.00%	0.00%	0.10%	0.00%	2.27%	0.00%	0.00%	0.15%	
Cyprus	4,369	16	0.08%	0.00%	4.84%	0.95%	0.17%	0.00%	0.66%	0.08%	0.02%	0.02%	0.37%	
Denmark	10,607	210	0.60%	0.74%	1.02%	0.57%	0.58%	0.47%	1.52%	0.44%	1.81%	1.79%	1.98%	
Estonia	5,236	20	0.02%	0.04%	1.91%	0.06%	0.08%	0.05%	0.07%	0.02%	0.08%	0.06%	0.38%	
Finland	14,674	75	0.77%	0.73%	0.60%	3.60%	0.41%	0.26%	0.46%	0.11%	0.54%	0.72%	0.51%	
France	53,587	53	0.03%	0.01%	0.05%	0.64%	0.01%	0.01%	0.04%	0.30%	0.03%	0.16%	0.10%	
Germany	28,022	111	0.41%	0.44%	0.39%	0.43%	0.55%	0.46%	2.96%	0.64%	0.36%	0.38%	0.40%	
Greece	57,061	401	0.59%	0.41%	9.52%	0.76%	0.55%	0.16%	0.90%	0.17%	0.17%	0.53%	0.70%	
Iceland	647	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.58%	0.00%	0.00%	0.00%	0.00%	
Ireland	4,738	277	0.68%	0.35%	0.84%	52.72%	0.70%	0.37%	0.84%	0.24%	0.66%	0.63%	5.85%	
Italy	42,340	69	0.02%	0.01%	0.00%	0.06%	0.03%	0.01%	0.26%	0.08%	0.00%	0.02%	0.16%	
Latvia	3,802	42	0.35%	0.33%	0.68%	0.56%	0.29%	0.21%	2.04%	1.15%	0.53%	0.34%	1.10%	
Lithuania	4,299	5	0.00%	0.04%	0.02%	0.00%	0.00%	0.02%	0.16%	0.02%	0.00%	0.14%	0.12%	
Malta	8,320	406	0.94%	0.54%	0.09%	0.40%	17.20%	0.04%	0.13%	0.04%	0.00%	0.74%	4.88%	
Montenegro	110	-	0.90%	5.14%	2.54%	2.38%	0.00%	0.47%	0.61%	0.00%	0.00%	1.11%	0.00%	
Netherlands	89,137	14,538	0.17%	8.91%	0.53%	3.25%	0.81%	0.11%	1.12%	5.50%	0.05%	3.96%	16.31%	
Norway	152,927	19	0.02%	0.00%	0.06%	0.02%	0.00%	0.00%	0.02%	0.07%	0.00%	0.01%	0.01%	
Poland	14,063	70	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.03%	0.00%	0.01%	0.10%	0.50%	
Portugal	9,354	47	0.33%	9.67%	1.32%	3.21%	1.08%	0.80%	0.87%	1.36%	1.10%	0.07%	0.50%	
Romania	4,128	3	0.22%	0.41%	0.89%	0.00%	0.07%	0.00%	0.38%	0.05%	0.66%	0.04%	0.07%	
Slovenia	1,369	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.27%	1.07%	2.09%	0.07%	
Spain	114,571	719	0.68%	0.46%	0.93%	0.48%	1.25%	1.06%	1.28%	1.33%	0.89%	0.71%	0.63%	
Sweden	35,618	3	0.04%	0.01%	0.10%	1.70%	0.04%	0.00%	12.57%	0.26%	0.07%	0.01%	0.01%	
Total	696,710	17,163	0.27%	1.42%	0.42%	1.25%	0.66%	0.29%	1.64%	1.03%	0.31%	0.76%	2.46%	

Table 15 – PortPlus notification rejections and evolution (reporting period: March 2024)

Values not complying with the IFCD are highlighted in red
(rejected notifications should be less than 0.1%, as indicated in Section 4.5 of the IFCD)

Rule	Status message describing the reason for rejection (if more than one reason is quoted, all of them apply for the specific notification)	Rejections	Expected actions
Group 1: the "Time" logic is not respected (relations between ETAs and ETDs, etc.)			
R01	A Port Plus notification must have ETAToNextPort subsequent to the ETDFromPortOfCall. ETAToNextPort greater than ETDFromPortOfCall.	30	To be corrected by MSs
R02	A Port Plus notification must have ETAToNextPort subsequent to the ATDFromPortOfCall: ETAToNextPort greater than ATDPortOfCall	-	To be corrected by MSs
R03	A Port Plus notification must have ETAToPortOfCall prior to the ETDFromPortOfCall: ETAToPortOfCall less than ETDFromPortOfCall.	4	To be corrected by MSs
R04	A Port Plus notification must have ATAToPortOfCall prior to the actual departure time from port of call: ATAPortOfCall less than ATDPortOfCall.	113	To be corrected by MSs
R05	A new Port Plus notification having ATAToPortOfCall 1 year prior to the time received could not be accepted.	16	To be corrected by MSs
R06	An update Port Plus notification having ATAToPortOfCall 1 year prior to the time received which is different from ATAToPortOfCall recorded in the corresponding voyage could not be accepted.	128	To be corrected by MSs and in the Central SSN
Group 2: missing "mandatory" information			
R07	A Port Plus notification must have ETDFromPortOfCall unless PortOfCall = "ZZCAN" or ATDFromPortOfCall is provided.	-	To be corrected by MSs and in the Central SSN
R08	A Port Plus notification must have EtaToPortOfCall unless PortOfCall = "ZZCAN" or ATAToPortOfCall is provided or CrewAndPaxNotificationOnDeparture is provided (and some other groups are not included).	9	To be corrected by MSs
R09	A Port Plus notification with hazmat EUDeparture or bunkers towards NextPort must have a NextPort.	26	To be corrected by MSs
R10	A Port Plus notification with known next port that also contains hazmat EUDeparture, bunkers towards NextPort or crewpax departure must have ETAToNextPort.	11	To be corrected by MSs
R11	A Port Plus notification having PortOfCall = 'ZZCAN' can only be accepted if no ATAToPortOfCall/ ATDFromPortOfCall has been provided up to now.	22	To be corrected by MSs
R12	A Port Plus notification including the PreArrival3DaysNotificationDetails element must have at least one of its attributes.	-	To be corrected by MSs
R13	A Port Plus notification including the HazmatNotificationInfoNonEUDepartures must have quoted the POBVoyageTowardsPortOfCall.	-	To be corrected by MSs
R14	ATAToPortOfCall should be provided when ATDFromPortOfCall is reported.	18	To be corrected by MSs
R15	A Port Plus notification including the HazmatNotificationInfoEUDepartures element must have quoted the POBVoyageTowardsNextPort.	6	To be corrected by MSs
R16	Arrival Notification Details once provided should be repeated in all update messages.	60	To be corrected by MSs
R17	Departure Notification Details once provided should be repeated in all update messages.	141	To be corrected by MSs
R18	ArrivalNotificationDetails is mandatory if ATDFromPortOfCall is provided unless CrewAndPaxNotificationOnDeparture is provided (and some other groups are not included).	108	To be corrected by MSs
R19	ETDFromLastPort is mandatory if WasteNotification or CrewAndPaxNotificationOnArrival with CrewAndPaxYorN = Y is provided.	12	To be corrected by MSs
R20	ETDFromPortOfCall is mandatory unless CrewAndPaxNotificationOnArrival is provided (and some other groups are not included).	7	To be corrected by MSs
R21	A Port Plus notification with waste notification, hazmat EUDeparture, bunkers towards NextPort or crewpax departure must have a NextPort	4	To be corrected by MSs
R22	LastPort is mandatory if WasteNotification or CrewAndPaxNotificationOnArrival with CrewAndPaxYorN = Y is provided	20	To be corrected by MSs
R23	WasteDetails should always contain at least one WasteItem.	8	To be corrected by MSs

Table 16 – Number of rejections by cause and expected actions from Member States (reporting period: March 2024)

Group 3: invalid values or references (IMO, MMSIs, LOCODES, ShipCallIds, etc.)			
R24	The message identified by MSRefId [] has already been registered in SSN (Sent by [])	15,434	To be corrected by MSs and in the Central SSN
R25	[: A port plus notification with the specified shipCallId [] has already been registered in SSN by []	160	To be corrected by MSs and in the Central SSN
R26	LastPort Locode [] is not technically correct. PortOfCall Locode [] is not technically correct. NextPort Locode [] is not technically correct. Contact Location Locode [] is not technically correct. Port Delivery Remaining Waste Locode [] is not technically correct.	242	To be corrected by MSs
R27	PortOfCall Locode [] is not permitted. Verify your access rights as Portplus Notifier.	-	To be corrected by MSs
R28	The IMO number [] is not valid	214	To be corrected by MSs
R29	The Port Plus notification having PortOfCall = 'ZZCAN' and shipCallId [] is invalid because no voyage was found with the specified shipCallId.	3	To be corrected by MSs
R30	PobVoyageTowardsPortOfCall has an invalid value	-	To be corrected by MSs
R31	A Port Plus notification having PortOfCall equal to 'ZZCAN' must have UpdateStatus='U'.	35	To be corrected by MSs
R32	The UpdateNotifications information is not compatible with the updateStatus [U].	4	To be corrected by MSs
R33	Incorrect MMSI number - MID [] does not identify any Flag according to the ITU list of MIDs.	8	To be corrected by MSs
R34	Invalid message. A port plus notification with the specified shipCallId [] has already been registered with different Vessel [] - [].	14	To be corrected by MSs
R35	At least one contact detail must be provided (Phone, Fax or Email)	8	To be corrected by MSs
R36	The notification must have quoted at least one of IMO or MMSI numbers	-	To be corrected by MSs
R37	The phone number must contain digits only. The fax number must contain digits only	7	To be corrected by MSs
R38	The email [] is invalid	14	To be corrected by MSs
R39	Test vessel only allows IMO 9999999 and MMSI 999999999	-	To be corrected by MSs
R40	The first name is invalid	-	To be corrected by MSs
R41	The notification must have quoted at least one of CompanyName or IMOCompanyNr	-	To be corrected by MSs
R42	A phone number must be defined	-	To be corrected by MSs
R43	No waste code corresponds to the specified code(s): ...	275	To be corrected by MSs
R44	No ShipType UN corresponds to the specified code: ...	-	To be corrected by MSs

Table 16 – Number of rejections by cause and expected actions from Member States (reporting period: March 2024) (cont.)

Annex IV: SSN – THETIS interface

Member State	Current reporting period - March 2024							Previous reporting periods ATA & ATD missing [%]								
	Shipcalls under PSC	Existing ATA & ATD	Existing ATA (missing ATD)	Missing ATA& ATD	ATA & ATD provided [%]	Only ATD missing [%]	ATA & ATD missing [%]	August 2023	March 2023	August 2022	March 2022	August 2021	January 2021	August 2020	January 2020	July 2019
Belgium	1,855	1,851	4	-	99.8%	0.2%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
Bulgaria	247	236	-	11	95.5%	0.0%	4.5%	0.4%	0.0%	0.0%	1.0%	0.4%	0.0%	0.0%	0.0%	0.3%
Croatia	199	197	2	-	99.0%	1.0%	0.0%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%
Cyprus	171	159	6	6	93.0%	3.5%	3.5%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	1.0%
Denmark	1,974	1,921	42	11	97.3%	2.1%	0.6%	1.0%	0.5%	0.3%	0.5%	0.4%	0.1%	0.5%	0.3%	0.4%
Estonia	541	538	3	-	99.4%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%
Finland	934	914	11	9	97.9%	1.2%	1.0%	0.1%	0.4%	5.7%	6.6%	0.1%	0.8%	1.2%	2.0%	2.7%
France	2,384	2,347	8	29	98.4%	0.3%	1.2%	0.5%	0.2%	0.1%	0.5%	0.3%	0.1%	0.3%	0.0%	0.4%
Germany	3,096	2,999	36	61	96.9%	1.2%	2.0%	1.5%	2.6%	3.3%	6.4%	2.4%	2.0%	2.8%	0.7%	2.7%
Greece	2,091	2,071	17	3	99.0%	0.8%	0.1%	0.4%	0.0%	4.1%	0.8%	0.2%	0.1%	0.2%	2.3%	1.6%
Iceland	204	199	-	5	97.5%	0.0%	2.5%	5.2%	4.3%	8.4%	0.5%	3.9%	2.8%	2.5%	8.1%	3.8%
Ireland	848	843	3	2	99.4%	0.4%	0.2%	0.0%	0.9%	0.1%	0.5%	0.3%	1.9%	6.1%	0.6%	0.4%
Italy	2,482	2,464	5	13	99.3%	0.2%	0.5%	1.9%	0.2%	0.5%	0.9%	0.7%	0.0%	1.7%	0.5%	0.7%
Latvia	524	520	3	1	99.2%	0.6%	0.2%	0.0%	0.0%	0.0%	1.0%	0.0%	0.2%	0.0%	0.0%	0.0%
Lithuania	332	331	1	-	99.7%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.6%
Malta	237	237	-	-	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	0.0%	0.0%	0.0%
Montenegro	39	38	-	1	97.4%	0.0%	2.6%	0.0%	0.0%	0.0%	1.9%	1.4%	0.0%	0.0%	2.6%	4.5%
Netherlands	2,873	2,831	29	13	98.5%	1.0%	0.5%	0.4%	0.5%	0.4%	1.4%	0.3%	0.1%	0.8%	0.8%	0.8%
Norway	2,722	2,401	99	222	88.2%	3.6%	8.2%	9.0%	8.8%	8.1%	4.9%	3.1%	2.4%	3.4%	4.9%	5.0%
Poland	1,198	1,197	-	1	99.9%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Portugal	557	542	9	6	97.3%	1.6%	1.1%	15.9%	13.7%	10.4%	12.6%	6.0%	2.4%	9.2%	6.6%	53.6%
Romania	421	421	-	-	100.0%	0.0%	0.0%	0.2%	0.2%	1.4%	0.3%	0.8%	0.0%	0.0%	0.0%	0.9%
Slovenia	140	140	-	-	100.0%	0.0%	0.0%	0.6%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Spain	11,907	10,382	364	1,161	87.2%	3.1%	9.8%	2.0%	2.8%	2.5%	1.4%	3.2%	1.0%	1.7%	0.9%	1.8%
Sweden	2,522	2,505	12	5	99.3%	0.5%	0.2%	0.8%	0.2%	0.5%	0.6%	0.3%	0.2%	2.1%	2.6%	0.7%
Total	40,498	38,284	654	1,560	94.5%	1.6%	3.9%	1.8%	2.0%	2.4%	2.1%	1.5%	0.8%	1.5%	1.3%	3.1%
TOTAL August2023	52,507	50,812	751	944	96.8%	1.4%	1.8%									
TOTAL March2023	41,499	40,263	422	814	97.0%	1.0%	2.0%									
TOTAL August2022	51,161	49,456	458	1,247	96.7%	0.9%	2.4%									
TOTAL March2022	37,709	36,289	640	780	96.2%	1.7%	2.1%									
TOTAL August2021	43,704	42,613	444	647	97.5%	1.0%	1.5%									
TOTAL January2021	35,712	35,049	377	286	98.1%	1.1%	0.8%									
TOTAL August2020	45,169	43,503	967	699	96.3%	2.1%	1.5%									
TOTAL January2020	48,429	47,349	427	653	97.8%	0.9%	1.3%									
TOTAL July2019	60,579	57,773	907	1,899	95.4%	1.5%	3.1%									

Table 17 – Availability of ATA and ATD information in SSN for vessels falling within the scope of Directives 2009/16/EC and 2017/2110/EC³ (reporting period: March 2024)

³ ATA is a key element of THETIS and ship calls missing this attribute are discarded (i.e. updates of new calls including ATD without ATA).

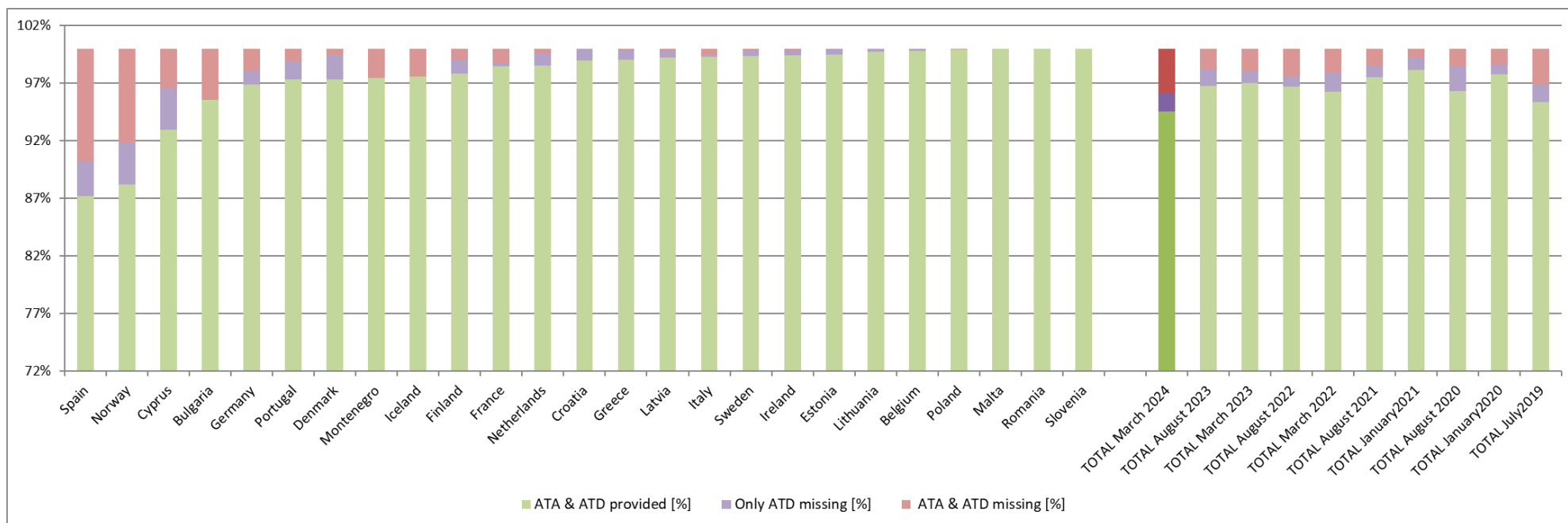


Figure 5 – Availability of ATA and ATD information in SSN for vessels falling within the scope of Directives 2009/16/EC and 2017/2110/EC
(corresponding to Table 17) (reporting period: March 2024)

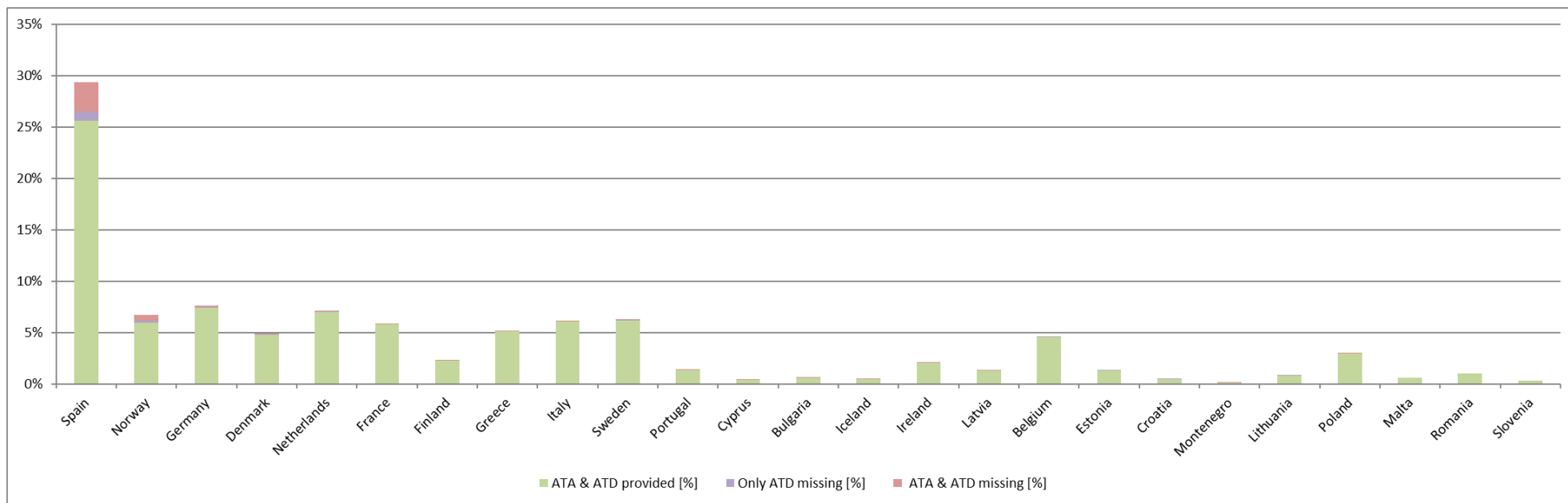


Figure 6 – Availability of ATA and ATD information in SSN for vessels falling within the scope of Directives 2009/16/EC and 2017/2110/EC

(corresponding to Table 17) – figures represent the percentage of overall EU ship calls (reporting period: March 2024)

Member State	ACTUAL TIME OF ARRIVAL PROVIDED			
	More than 3h in advance	Within 3 hours period	Between 3 and 72 hours after	More than 72 hours after
Belgium	0.0%	99.1%	0.9%	0.0%
Bulgaria	0.0%	98.8%	1.2%	0.0%
Croatia	0.0%	67.9%	19.7%	12.4%
Cyprus	0.0%	89.9%	9.7%	0.4%
Denmark	0.0%	71.4%	27.1%	1.5%
Estonia	0.0%	88.2%	11.8%	0.0%
Finland	0.1%	85.9%	13.7%	0.3%
France	0.0%	95.0%	4.7%	0.2%
Germany	0.0%	88.2%	10.6%	1.1%
Greece	0.0%	82.3%	17.0%	0.7%
Iceland	0.0%	97.9%	2.1%	0.0%
Ireland	0.1%	76.5%	8.2%	15.2%
Italy	0.0%	95.3%	4.3%	0.4%
Latvia	0.0%	98.5%	1.3%	0.2%
Lithuania	0.0%	99.2%	0.8%	0.0%
Malta	0.0%	95.7%	4.3%	0.0%
Montenegro	0.0%	26.8%	70.7%	2.4%
Netherlands	0.0%	98.2%	1.6%	0.3%
Norway	0.0%	90.2%	9.5%	0.4%
Poland	0.0%	98.5%	1.3%	0.1%
Portugal	0.0%	91.7%	6.3%	2.0%
Romania	0.0%	99.3%	0.0%	0.7%
Slovenia	0.0%	97.9%	2.1%	0.0%
Spain	0.0%	91.3%	7.1%	1.6%
Sweden	0.0%	93.2%	6.0%	0.7%
Total	0.00%	89.3%	9.6%	1.1%

ACTUAL TIME OF DEPARTURE PROVIDED			
More than 3h in advance	Within 3 hours period	Between 3 and 72 hours after	More than 72 hours after
0.0%	99.0%	1.0%	0.0%
0.0%	99.2%	0.8%	0.0%
0.0%	82.2%	13.6%	4.1%
0.0%	89.4%	8.8%	1.8%
0.0%	71.3%	27.0%	1.7%
0.0%	95.6%	4.1%	0.2%
0.0%	87.5%	12.3%	0.2%
0.0%	91.7%	7.9%	0.4%
0.0%	91.4%	7.0%	1.6%
0.0%	92.2%	7.3%	0.5%
0.0%	99.0%	1.0%	0.0%
0.3%	73.7%	9.3%	16.8%
0.0%	91.8%	7.2%	0.9%
0.0%	98.3%	1.5%	0.2%
0.0%	99.2%	0.8%	0.0%
0.0%	95.4%	4.6%	0.0%
0.0%	7.3%	90.2%	2.4%
0.0%	98.2%	1.5%	0.3%
0.0%	91.3%	8.5%	0.3%
0.0%	97.9%	2.0%	0.1%
0.0%	93.2%	5.8%	1.0%
0.0%	100.0%	0.0%	0.0%
0.0%	93.6%	6.4%	0.0%
0.0%	88.6%	9.4%	2.0%
0.0%	93.0%	6.0%	1.0%
0.01%	91.0%	7.8%	1.2%

Table 18 –Timeliness of ATA and ATD reporting (reporting period: March 2024)