



4th SSN LRIT Group Meeting

Revision of the Data Quality checks

Agenda item 4.5.2

German Sarasua / MSS Coordinator
Department C: Operations/Unit C.2.2

Lisbon / 23 October 2018

3 new topics



SSN data quality checks are **updated** following new information to be reported or areas where issues were found.

The **3 topics** proposed to be analysed are:

- **bunkers reporting**
- **data buffering**
- **timeliness of MRS notifications**

Bunkers reporting

The HLSG 15 approved the business rules related to the reporting of the details of **bunkers** carried on board ships to SSN **separately** from dangerous or polluting goods and agreed for their implementation in SSN v.4.

- The reporting of bunkers applies to ships **over 1000 GT**.
- Bunkers may be **reported**:
 - **before arrival** (element *BunkersNotificationTowardsPortOfCall*),
 - **before departure** (element *BunkersNotificationTowardsNextPort*).
- These notifications are to **be made available** via SSN by these **Member States requiring information on bunkers** on board to be **reported electronically** to their National Single Windows (NSW) using the FAL 3 - Ship's Store Declaration (in accordance with their national legislation).



- **Data buffering** and **retransmission of data** to the central SSN system in the event of technical or communications malfunction is important, and was **already reported in prior workshop documents**.
- The retransmission of data, either **AIS** data (see document SSN/LRIT 4.5.3 AIS data quality report) or **PortPlus** notifications, is necessary to ensure the **completeness and consistency** of the information reported to SSN.
- **PortPlus** information is conveyed to the THETIS inspection database and the calculations for **PSC statistics** relating to “fair share” are based on ATAs, ATDs and other relevant SSN information.

Timeliness of MRS notifications



- EMSA noticed that MRS information was sometimes submitted to the Central SSN system with **unjustified delays of several hours**.
- MSs should **minimize manual intervention** for processing and submitting the MRS messages to SSN applying an automatic process.
- MRS notifications have to be provided **within 3 hours from receiving** the MRS report from a ship, **or at the latest**, when the ship is **leaving the area of responsibility** of the competent coastal station.



Bunkers reporting

- EMSA provides **feedback on data quality** to MSs:
 - on a **regular basis**;
 - and with the SSN status reports on an **annual basis**.
- **Reporting** of bunkers to SSN should include:
 - **number of bunker notifications** provided before arrival and/or departure;
 - whether bunker information is **provided in time**;
 - whether the **request-response mechanism** is available.



Data buffering

- The analysis of data buffering and retransmission of data to the central SSN system in the event of technical or communications malfunction will be regularly reported.

Timeliness of MRS notifications

- Regarding the timeliness of MRS notifications, this information will be provided regularly to those MSs reporting MRS notifications.
- The check will compare the “*CreatedOn*” of the MRS notification in the Central SSN system with the date/time of the reported “*positionReportingDateAndTime*” attribute.

Actions required

Member States are invited to take note of the above information and provide feedback.

Availability and data quality checks

Changes

| Check | Details | How? Purpose? | How often | |
|--|---|---|--------------|----------------|
| SSN Related | | | Daily | Regular Report |
| Availability of request-response mechanism | Applicable to central and national systems | Requesting for HAZMAT, Waste Security and Bunkers details to verify the availability of the details. | x (1 MS/day) | x |
| Notifications | Numbers/Counting | Detect inconsistencies, missing reporting/ Provide overall picture of Ship calls and HAZMAT, Waste, Bunkers and Security reporting trends. Exemptions are taken into account | x (1 MS/day) | x |
| Bunkers | Reported before arrival and/or departure | Implementation of the requirements | | x |
| MRS reporting | Reception of MRS notifications | Timeliness against the "positionReportingDateAndTime" | | x |
| Data buffering | Monitoring the provision of buffered data (PortPlus or AIS) following a downtime | Verify back-up procedures according to IFCD (v1.2, section 4.4) | | x |



emsa.europa.eu

 twitter.com/emsa_lisbon

 facebook.com/emsa.lisbon

