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SafeSeaNet Workshop no 13
Lisbon 26 March 2010

Agenda item 10
SSN 13/2/3 (v1.0)
23 April 2010

SSN V2 commissioning test cases & scenarios

Submitted by EMSA

<i>Executive summary</i>	This document describes the proposed commissioning tests for the PortPlus notification and the new requests and responses for information incorporated in the upgraded XML Reference Guide agreed at WS11 (11-12 June 2009).
<i>Action to be taken</i>	Member States are invited to agree on the proposed tests.
<i>Related documents</i>	<ul style="list-style-type: none">▪ XML Reference Guide version 2.03;▪ SSN Member State Commissioning (V1.20).

1 BACKGROUND

The commissioning process is required to ensure that MSs provide reliable, timely and accurate exchange of data and system information within the SSN network. The MSs and EMSA will have benefits to use these tests scenarios for the different phase of testing SSN core and national applications in order to detect and correct the potential issues before performing the commissioning tests. Comments and proposal are welcome to enrich this document. The guidelines referred in the SSN Member State Commissioning Plan (V1.20) are still valid. This document is available at EMSA extranet¹.

As usual, requests for Commissioning tests should be submitted to the EMSA Maritime Support Services at least five days in advance, but considering the number of expected commissioning tests to be performed, it is recommended this booking to be done at least **3 weeks** in advance. MSs are reminded that during the period of testing other MSs should avoid using the SSN training site to prevent any confusion.

2 PROPOSED NEW COMMISSIONING TEST CASES

The additional Commissioning tests cases are the following (see annex 2 for the full description of the new set of test cases and scenarios):

¹ https://extranet.emsa.europa.eu/index.php?option=com_joomdoc&task=cat_view&gid=266&Itemid=121

✓ **MS2SSN_PortPlus_Not.xml** (Sending PortPlus notification)

TC-1: this test case represents the normal flow of the information provided by a MS, sending the 72h, 24h, the ATA and at last the ATD of a ship call. It is defined as "normal flow".

TC-2: this set of scenarios represents the normal flow as TC-1 but including the Hazmat notifications, either for ships coming from Non-EU ports (HazmatNonEUDeparture) or for those ships departing from the Port of Call (HazmatEUDeparture) with DPG.

TC-3: this case represents the cancellation of a PortPlus notification. Cancellations are only allowed for the 72h or 24h pre arrival notifications. A ship call cannot be cancelled once the ship is in port (ATA provided).

TC-4: this test case includes the deletion and/or update of some elements and attributes such as a Hazmat notification (HazmatNonEUDeparture and HazmatEUDeparture), POB, the PortOfCall (changing the initial provided LOCODE for another permitted LOCODE for that authority²), the ATA, etc. Updating (change) the ship is not allowed.

TC-5: test case verifying if notifications are XML compliant (mainly to check if mandatory attributes are provided and if the predefined length of attributes is correct).

TC-6: test case related to the implementation of the business and checking rules such as validity of IMO and MID, use of non-recognised LOCODES, wrong relation between date times (ETA, ATA, ETD, ATD), etc.

NOTE: Test cases 5 and 6 must be performed in order to verify if the SSN systems at the MS side are able to send invalid messages and, therefore creating "rejected messages". MSs are encouraged to implement the validation rules in their systems avoiding subsequent problems, i.e., rejected messages.

✓ **MS2SSN_ShipCall_Req.xml** (sending requests and responding if Hazmat details are provided).

Test cases (TC-1 up to TC-11 each of them with different scenarios) are defined in line with the agreed new possibilities to extract information from SSN-EIS.

A new commissioning test plan will be provided to incorporate these new cases and scenarios. The expected date is by the end of April.

3 TEST SCENARIOS PACKAGE

EMSA will provide a test data folder per MSs to be used for the Commissioning tests. It will consist in a package of data to use (ship particulars, information to include in the various messages). This procedure will simplify and harmonise the process for both EMSA and MSs. The possibility to use the application test link is foreseen during the commissioning test phases.

The messages could be prepared in advance; only some information related to date and time should be considered at the latest moment for compliance with date and time business rules according to the scheduling of the tests.

² For further details on the meaning of permitted locations and subsidiary ports see document SSN 9.4.2 section 3 (WS 9, 21/22 May 2008) available at:
https://extranet.emsa.europa.eu/index.php?option=com_joomdoc&task=cat_view&gid=267&Itemid=121 SSN Workshop document

4 REJECTED MESSAGES

The current SSN system has a significant problem with the rejected messages sent by the MSs. These rejections are either because the format is not compliant with the XML format or because the agreed business or checking rules are not fulfilled.

In order to solve this issue at the MS side (being the target zero rejected messages), a certain number of test scenarios are proposed. Annex 2 includes a table with the number of rejected messages per MS for Port and Hazmat notifications. MSs may assess the impact of a possible wrong implementation of the new notification.

5 ACTION REQUIRED

MSs are invited to agree on:

- The attached new Commissioning test cases and scenarios (in annex 1) for the updated of the SSN commissioning test plan 1.20 to be made and to propose their comments.
- The process of commissioning tests scenario package as point 4 above

Annex 1

Draft Commissioning tests plan amendments: test cases – scenarios

Requirement 1: Send PortPlus notification

Use Case Description

A PortPlus notification aims at giving information about the pre-arrival (72h, 24h), Arrival (ATA), Departure (ATD) and the HAZMAT non EU departure and EU departure. The way the detailed information can be requested by SSN (fax, file, xml) is also provided.

For the purposes of this Test Plan only the XML Interface will be tested.

Naming convention:

- 72h: PreArrival3DaysNotificationDetails
- 24h: PreArrival24HoursNotificationDetails
- ATA: ArrivalNotificationDetails
- ATD: DepartureNotificationDetails
- HazmatNonEUDeparture: HazmatNotificationInfoNonEUDepartures
- HazmatEUDeparture: HazmatNotificationInfoEUDepartures

Test Cases

Each use case being a generic activity can be realized, executed in a number of ways. These are termed use-case realizations or test cases. We distinguish the following test cases for this use case:

Test Case Id	Description
TC- XXX1	XML interface sending PortPlus notification (72h, 24h, ATA, ATD) – normal flow
TC- XXX2	XML interface sending PortPlus notification (72h, HazmatNonEUDeparture, 24h, ATA, HazmatEUDeparture, ATD) – normal flow
TC- XXX3	XML interface sending PortPlus notification (72h, 24h, ZZCAN) – normal flow – cancellation of the call
TC- XXX4	XML interface sending PortPlus notification (72h, 24h, ATA) – normal flow – update/cancellation of information through an Update
TC- XXX5	XML interface sending PortPlus notification – invalid XML message - NOTE: The messages related to these test cases should not be even sent by the MS applications.
TC- XXX6	XML interface sending wrong Portplus notification – not complying with business rules - NOTE: These test cases should not be even sent by the MS applications.

Test Scenarios

The available test cases are further extended into separate test scenarios with different input in order to trigger the validation of additional business processes extending the “normal” flow of events.

Each of the test scenarios can be tested by a valid account belonging to different types of authorities such as NCA, POR, PSC or CST. You have the option to repeat the test scenarios listed below in order to use an account of a different authority type.

For validating the commissioning tests, the scenarios identified as ‘Mandatory’ need to be executed successfully. The remaining scenarios are recommended in order to fully test the application.

Test Case 1 Scenarios: sending Port Plus notifications, normal flow

Mandatory TS	Test Id	Description
The business rule is to repeat the data previously sent when updating		
--	SXXX1a-01	XML interface sending PortPlus notification (72h)– normal flow
X	SXXX1a-02	XML interface sending PortPlus notification (24h) – normal flow – Update of PortPlus SXXX1-01 (72h attributes are repeated)
X	SXXX1a-03	XML interface sending PortPlus notification (ATA) – normal flow – Update of PortPlus SXXX1-02 (72h and 24h attributes are repeated)
X	SXXX1a-04	XML interface sending PortPlus notification (ATD) – normal flow – Update of PortPlus SXXX1-03 (72h, 24h and ATA attributes are repeated)
X	SXXX1a-05	XML interface sending PortPlus notification (updated of ATD)– normal flow – Update of PortPlus SXXX1-04 (72h, 24h, and ATA attributes are repeated and ATD is updated)

Test Case 2 Scenarios: sending Port Plus notifications with HAZMAT, normal flow

Mandatory TS	Test Id	Description
The business rule is to repeat the data previously sent when updating		
--	SXXX2-01	XML interface sending PortPlus notification (72h)– normal flow
X	SXXX2-02	XML interface sending PortPlus notification (HazmatNonEUDeparture) – normal flow – Update of PortPlus SXXX2a-01 (72h attributes are repeated)
X	SXXX2-03	XML interface sending PortPlus notification (24h) – normal flow – Update of PortPlus SXXX2a-02 (72h and HazmatNonEUDeparture attributes are repeated)
X	SXXX2-04	XML interface sending PortPlus notification (ATA) – normal flow – Update of PortPlus SXXX2a -03 (72h, HazmatNonEUDeparture and 24h attributes are repeated)
X	SXXX2-05	XML interface sending PortPlus notification (HazmatEUDeparture) – normal flow – Update of PortPlus SXXX2a -04 (72h, HazmatNonEUDeparture, 24h and ATA attributes are repeated)
X	SXXX2-06	XML interface sending PortPlus notification (ATD) – normal flow – Update of PortPlus SXXX2a -05 (72h, HazmatNonEUDeparture, 24h, ATA attributes and HazmatEUDeparture are repeated)
X	SXXX2-07	XML interface sending PortPlus notification (updated of ATD)– normal flow – Update of PortPlus SXXX2a -06 (72h, HazmatNonEUDeparture, 24h, ATA and HazmatEUDeparture attributes are repeated and ATD is updated)

Test Case 3 Scenarios: Cancelling Port Plus “pre-arrival” notifications

Mandatory TS	Test Id	Description
--	SXXX3-01	XML interface sending PortPlus notification (72h)– normal flow
X	SXXX3-02	XML interface sending PortPlus notification (24h) – normal flow – Update of PortPlus SXXX3-01 (72h attributes are repeated if provided)
X	SXXX3-03	XML interface sending PortPlus notification (ZZCAN) – normal flow – Cancellation of Shipcall quoting in 'UpdateMSRefId' the MSRefID from SXXX3-02
--	SXXX3-04	XML interface sending PortPlus notification (24h)– normal flow
X	SXXX3-05	XML interface sending PortPlus notification (ZZCAN) – normal flow – Cancellation of PortPlus SXXX3-04
--	SXXX3-06	XML interface sending PortPlus notification (72h)– normal flow
X	SXXX3-07	XML interface sending PortPlus notification (ZZCAN) – normal flow – Cancellation of Shipcall quoting in 'UpdateMSRefId' the MSRefID from SXXX3-06

Test Case 4 Scenarios: Updates and Deletions in the PortPlus

Mandatory TS	Test Id	Description
X	SXXX4a-01	XML interface sending PortPlus notification (72h, 24h, HazmatNonEUDeparture)– normal flow
X	SXXX4a-02	XML interface sending PortPlus notification (72h, 24h, HazmatNonEUDeparture) – normal flow – Deletion of some of the attributes of PortPlus SXXX4a-01 (all 72h attributes except 'PossibleAnchorage' will be quoted with null values and POBVoyageTowardPortOfCall in the 24h details will be 99999)
X	SXXX4a-03	XML interface sending PortPlus notification (72h, 24h, HazmatNonEUDeparture inside HazmatNotificationInfoNonEUDepartures) – normal flow – Cancellation of non-EU Hazmat Details of PortPlus SXXX4a-02 (HazmatOnBoardYorN is 'N')
X	SXXX4a-04	XML interface sending PortPlus notification (72h, 24h, HazmatNonEUDeparture) – normal flow – Update of SXXX4a-03 by including new HazmatNonEUDeparture
X	SXXX4a-041	XML interface sending PortPlus notification (72h, 24h, HazmatNonEUDeparture, VoyageInformation) – normal flow – Update of SXXX4a-04 by including a new value in 'PortOfCall'. The port of call will be a subsidiary port.
X	SXXX4a-05	XML interface sending PortPlus notification (72h, 24h, HazmatNonEUDeparture, ATA) – normal flow – Update of SXXX4a-041by including new 'POBVoyageTowardPortOfCall' and ATA.
X	SXXX4a-06	XML interface sending PortPlus notification (72h, 24h, HazmatNonEUDeparture, ATA, HazmatEUDeparture) – normal flow – Update of PortPlus SXXX4a-05 for including new ATA plus HazmatEUDeparture
X	SXXX4a-07	XML interface sending PortPlus notification (72h, 24h, HazmatNonEUDeparture, ATA, HazmatEUDeparture) – normal flow – Cancellation of EU Hazmat Details of PortPlus SXXX4a-06 (HazmatOnBoardYorN inside HazmatNotificationInfoEUDepartures is 'N')
X	SXXX4a-08	XML interface sending PortPlus notification (72h, 24h, HazmatNonEUDeparture, ATA, HazmatEUDeparture, ATD) – normal flow – Update of PortPlus SXXX4a-08 for including HazmatEUDeparture and ATD
X	SXXX4a-11	XML interface sending PortPlus notification (72h, 24h, HazmatNonEUDeparture, ATA, HazmatEUDeparture, ATD) – normal flow – Update of PortPlus SXXX4a-10 for including new ATD
	SXXX4a-11	XML interface sending PortPlus notification (72h with valid IMO only, 24h with valid MMSI only), These IMO and MMSI belongs to the same ship.

Test Case 5 Scenarios: PortPlus messages with invalid data regarding XSD

Mandatory TS	Test Id	Description
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<p>Invalid scenarios 'Mandatory'</p> <p>The national systems should not allow sending the messages in these scenarios</p> <p>If an Invalid notification is sent to SSN core the test is 'Failed'</p>	SXXX5-01	XML interface sending PortPlus notification – invalid IMO (less than 7 characters)
	SXXX5-02	XML interface sending PortPlus notification – no IMO nor MMSI
	SXXX5-03	XML interface sending PortPlus notification – no ShipCallId
	SXXX5-04	XML interface sending PortPlus notification – no PortOfCall
	SXXX5-05	XML interface sending PortPlus notification – non technically correct LOCODE in PortOfCall
	SXXX5-06	XML interface sending PortPlus notification – non technically correct Date and time in Date attributes
	SXXX5-07	XML interface sending PortPlus notification (24h) – no POB
	SXXX5-08	XML interface sending PortPlus notification (HazmatCargoInformation) – no HazmatOnBoardYorN
	SXXX5-09	XML interface sending PortPlus notification (HazmatCargoInformation-DG) – no DGClassification
	SXXX5-10	XML interface sending PortPlus notification (HazmatNotificationDetails-URL) – no URL nor DocType
	SXXX5-11	XML interface sending PortPlus notification (HazmatNotificationDetails-ContactDetails) – no LOCODE nor Phone nor Fax
	SXXX5-12	XML interface sending PortPlus notification (CargoManifest- URL) – no URL nor DocType
	SXXX5-13	XML interface sending PortPlus notification (CargoManifest- ContactDetails) – no LOCODE nor Phone nor Fax
	SXXX5-14	XML interface sending PortPlus notification HazmatEU (VoyageInformation) – NextPort and ETAToNextPort are null
	SXXX5-15	XML interface sending PortPlus notification (72h, 24h) – no ETAToPortOfCall nor ETDFromPortOfCall declared
	SXXX5-16	XML interface sending PortPlus notification (72h) – PreArrival3DaysNotificationDetails element with no attributes declared
	SXXX5-17	XML interface sending PortPlus notification (HazmatCargoInformation-DG) – DGClassification not including in the Enumerated list
	SXXX5-18	XML interface sending PortPlus notification (ATA) – no ATAPortOfCall provided
	SXXX5-19	XML interface sending PortPlus notification (ATD) – no ATDPortOfCall provided

Test Case 6 Scenarios: PortPlus messages with data non compliant with business rules

Mandatory TS	Test Id	Description
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<p>Invalid scenarios 'Mandatory'</p> <p>The national systems should not allow sending the messages in these scenarios</p> <p>If an Invalid notification is sent to SSN core the test is 'Failed'</p>	SXXX6a-01	XML interface sending PortPlus notification (72h-24h)– MSRefId repeated (from previous scenarios) than in a second message shipcallId repeated for another ship and/or another Port
	SXXX6a-02	XML interface sending PortPlus notification (72h-24h)– User without access rights in the 'From' attribute (A 72h for an other port in an other country)
	SXXX6a-03	XML interface sending PortPlus notification (72h-24h)– Update non-existing MSRefId (message accepted-warning received)
	SXXX6a-04	XML interface sending PortPlus notification (72h-24h)– IMO non-compliant with checking algorithm
	SXXX6a-05	XML interface sending PortPlus notification (72h-24h)– MMSI non-compliant with valid MIDs
	SXXX6a-06	XML interface sending PortPlus notification (72h-24h)– Shipname not containing only Roman alphabet nor Latin numbers characters (<i>Also the following characters are accepted: dot (.), dash (-) and single apostrophe (') as they are employed in certain actual ship names</i>)
	SXXX6a-07	XML interface sending PortPlus notification (72h-24h)– Flag not correspondent to the MMSI'MID (message accepted-warning received)
	SXXX6a-08	XML interface sending PortPlus notification (72h-24h)– 'PortOfCall'='ZZCAN' with 'UpdateStatus'='N'
	SXXX6a-09	XML interface sending PortPlus notification (72h-24h)– ETAToPortOfCall ≥ ETDFromPortOfCall
	SXXX6a-10	XML interface sending PortPlus notification (72h, 24h, ATA, ATD) – ETAToNextPortOfCall ≤ ATDPortOfCall
	SXXX6a-11	XML interface sending PortPlus notification (72h, 24h, ATA, ATD) – ATDPortOfCall ≤ ATAPortOfCall
	SXXX6a-12	XML interface sending PortPlus notification (72h, 24h)– POBVoyageTowardsPort=0
	SXXX6a-13	XML interface sending PortPlus notification (HazardCargoInformation)– URL not under HTTPS protocol
	SXXX6a-14	XML interface sending PortPlus notification (HazardCargoInformation)– phone and fax with spaces or characters not being numbers or '+'
	SXXX6a-15	XML interface sending PortPlus notification (HazardCargoInformation)– LOCODE not technically correct
	SXXX6a-16	XML interface sending PortPlus notification (72h-24h) – PortOfCall quoted with a non recognize LOCODE (specific or UNECE function 1)
	SXXX6a-17	XML interface sending PortPlus notification (72h-24h) message with status "U" - UpdateMSRefID quoted but no Status "N" previously sent (warning sent)
	SXXX6a-18	XML interface sending PortPlus notification (72h-24h) – 2 successive messages for the same ShipCallID with status "N"

Requirement 2: Request ShipCall

Use Case Description The **MS2SSN_ShipCall_Req.xml** message is sent by a Member State (*data requester*) to SafeSeaNet in order to request operational information (ship specific/ ship call specific/ port of call specific).

The implementation of such a mechanism is made on a voluntary basis.

Test Cases Each use case being a generic activity can be realized, executed in a number of ways. These are termed use-case realizations or test cases. We distinguish the following test cases for this use case:

Test Case Id	Description
TC- XXR1	XML interface requesting ShipCall for ExpectedCallOfSelectedShip
TC- XXR2	XML interface requesting ShipCall for MostRecentArrivalOfSelectedShip
TC- XXR3	XML interface requesting ShipCall for MostRecentDepartureOfSelectedShip
TC- XXR4	XML interface requesting ShipCall for RecentAndCurrentShipCallOfSelectedShips
TC- XXR5	XML interface requesting ShipCall for ExpectedShipCallsAtEUPort
TC- XXR6	XML interface requesting ShipCall for CurrentShipCallsAtEUPort
TC- XXR7	XML interface requesting ShipCall for CompletedShipCallsAtEUPort
TC- XXR8	XML interface requesting ShipCall for LatestRegisteredShipCallDataOfSpecificShip
TC- XXR9	XML interface requesting ShipCall for ShipCallsRegisteredBySSNYesterday
TC- XXR10	XML interface requesting ShipCall for LatestCallUpdates
TC- XXR11	XML interface requesting ShipCall for LatestCallInfoAtSpecificPort

Test Scenarios The available test cases are further extended into separate test scenarios with different input in order to trigger the validation of additional business processes extending the "normal" flow of events.

Each of the test scenarios can be tested by a valid account belonging to different types of authorities such as NCA, POR, PSC or CST. You have the option to repeat the test scenarios listed below in order to use an account of a different authority type. These 11 cases reflect the 11 GetDetails query defined in the XML reference guide 2.03

Test Case 1 Scenarios

Mandatory TS	Test Id	Description
X ₁ (if Hazmat details provided in XML)	SRXXX1-01	MS2SSN_Req XML interface requesting ShipCall for ExpectedCallOfSelectedShip – Get Hazmat details (details in req/res XML) (only IMO)
--	SRXXX1-02	MS2SSN_Req XML interface requesting ShipCall for ExpectedCallOfSelectedShip – Get Hazmat details (details in URL download)
--	SRXXX1-03	MS2SSN_Req XML interface requesting ShipCall for ExpectedCallOfSelectedShip – Get Hazmat details (details in contacts)
--	SRXXX1-04	XML interface requesting ShipCall for ExpectedCallOfSelectedShip – Do not Get Hazmat details (only MMSI)
--	SRXXX1-05	MS2SSN_Req XML interface requesting ShipCall for ExpectedCallOfSelectedShip – Invalid format: different Start and End DateTime

X ₁ (if Hazmat details provided in XML)	SRXXX1-06	MS2SSN_Res XML interface requesting ShipCall for ExpectedCallOfSelectedShip – Get Hazmat details (details in req/res XML) – Invalid format: StatusCode=NotFound
X ₁ (if Hazmat details provided in XML)	SRXXX1-07	MS2SSN_Res XML interface requesting ShipCall for ExpectedCallOfSelectedShip – Get Hazmat details (details in req/res XML) – Invalid format: different ShipCallID returned

Test Case 2 Scenarios

Mandatory TS	Test Id	Description
X ₁ (if Hazmat details provided in XML)	SRXXX2-01	MS2SSN_Req XML interface requesting ShipCall for MostRecentArrivalOfSelectedShip – Get Hazmat details (details in req/res XML) (only MMSI)
--	SRXXX2-02	MS2SSN_Req XML interface requesting ShipCall for MostRecentArrivalOfSelectedShip – Get Hazmat details (details in URL download)
--	SRXXX2-03	MS2SSN_Req XML interface requesting ShipCall for MostRecentArrivalOfSelectedShip – Get Hazmat details (details in contacts)
--	SRXXX2-04	XML interface requesting ShipCall for MostRecentArrivalOfSelectedShip – Do not Get Hazmat details (only IMO)
--	SRXXX2-05	MS2SSN_Req XML interface requesting ShipCall for MostRecentArrivalOfSelectedShip – Invalid format: StartDateTime < SentAt-30 days

Test Case 3 Scenarios

Mandatory TS	Test Id	Description
X ₁ (if Hazmat details provided in XML)	SRXXX3-01	MS2SSN_Req XML interface requesting ShipCall for MostRecentDepartureOfSelectedShip – Get Hazmat details (details in req/res XML)
--	SRXXX3-02	MS2SSN_Req XML interface requesting ShipCall for MostRecentDepartureOfSelectedShip – Get Hazmat details (details in URL download) (only IMO)
--	SRXXX3-03	MS2SSN_Req XML interface requesting ShipCall for MostRecentDepartureOfSelectedShip – Get Hazmat details (details in contacts) (only IMO)
--	SRXXX3-04	XML interface requesting ShipCall for MostRecentDepartureOfSelectedShip – Do not Get Hazmat details (only MMSI)
--	SRXXX3-05	MS2SSN_Req XML interface requesting ShipCall for MostRecentDepartureOfSelectedShip – Invalid format: StartDateTime > SentAt

Test Case 4 Scenarios

Mandatory TS	Test Id	Description
--	SRXXX4-01	XML interface requesting ShipCall for RecentAndCurrentShipCallOfSelectedShips (only MMSI)
--	SRXXX4-02	XML interface requesting ShipCall for RecentAndCurrentShipCallOfSelectedShips - Invalid format: EndDateTime - StartDateTime > 30days

Test Case 5 Scenarios

Mandatory TS	Test Id	Description
--	SRXXX5-01	XML interface requesting ShipCall for ExpectedShipCallsAtEUPort
--	SRXXX5-02	XML interface requesting ShipCall for ExpectedShipCallsAtEUPort - Invalid format: ZZUKN for PortOfCall

Test Case 6 Scenarios

Mandatory TS	Test Id	Description
--	SRXXX6-01	XML interface requesting ShipCall for CurrentShipCallsAtEUPort
--	SRXXX6-02	XML interface requesting ShipCall for CurrentShipCallsAtEUPort - Invalid format: user without access rights (LCA type Port ≠ PortOfCall)
--	SRXXX6-03	XML interface requesting ShipCall for CurrentShipCallsAtEUPort - Invalid format: EndDateTime and StartDateTime older than the last 24 hours

Test Case 7 Scenarios

Mandatory TS	Test Id	Description
--	SRXXX7-01	XML interface requesting ShipCall for CompletedShipCallsAtEUPort
--	SRXXX7-02	XML interface requesting ShipCall for CompletedShipCallsAtEUPort - Invalid format: EndDateTime and StartDateTime older than the last 30 days

Test Case 8 Scenarios

Mandatory TS	Test Id	Description
X ₁ (if Hazmat details provided in XML)	SRXXX8-01	MS2SSN_Req XML interface requesting ShipCall for LatestRegisteredShipCallDataOfSpecificShip – Get Hazmat details (details in req/res XML) (IMO and MMSI)
--	SRXXX8-02	MS2SSN_Req XML interface requesting ShipCall for LatestRegisteredShipCallDataOfSpecificShip – Get Hazmat details (details in URL download)
--	SRXXX8-03	MS2SSN_Req XML interface requesting ShipCall for LatestRegisteredShipCallDataOfSpecificShip – Get Hazmat details (details in contacts) (only MMSI)
--	SRXXX8-04	XML interface requesting ShipCall for LatestRegisteredShipCallDataOfSpecificShip – Do not Get Hazmat details (only IMO)
--	SRXXX8-05	MS2SSN_Req XML interface requesting ShipCall for LatestRegisteredShipCallDataOfSpecificShip – Invalid format: different Start and End DateTime

Test Case 9 Scenarios

Mandatory TS	Test Id	Description
--	SRXXX9-01	XML interface requesting ShipCall for ShipCallsRegisteredBySSNYesterday
--	SRXXX9-02	XML interface requesting ShipCall for ShipCallsRegisteredBySSNYesterday – Invalid format: only with StartDateTime

Test Case 10 Scenarios

Mandatory TS	Test Id	Description
--	SRXXX10-01	XML interface requesting ShipCall for LatestCallUpdates
--	SRXXX10-02	XML interface requesting ShipCall for LatestCallUpdates – Invalid format: EndDateTime and StartDateTime older than the last 24 hours

Test Case 11 Scenarios

Mandatory TS	Test Id	Description
--	SRXXX11-01	XML interface requesting ShipCall for LatestCallInfoAtSpecificPort

--	SRXXX11-02	XML interface requesting ShipCall for LatestCallInfoAtSpecificPort LatestCallUpdates – Invalid format: EndDateTime and StartDateTime older than the last 24 hours
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Annex 2

COUNTRY	Total Port & Hazmat notifications	Rejected Port & Hazmat notifications	Percentage of rejected notifications
Belgium	10356	1	0.0%
Bulgaria	283	5	1.8%
Cyprus	324	3	0.9%
Denmark	4727	1143	24.2%
Estonia	0	0	n. a.
Finland	4557	66	1.4%
France	3782	409	10.8%
Germany	8517	0	0.0%
Greece	5298	19	0.4%
Iceland	153	1	0.7%
Ireland	860	3	0.3%
Italy	15215	47	0.3%
Latvia	707	10	1.4%
Lithuania	871	84	9.6%
Malta	1764	95	5.4%
Netherlands	11205	990	8.8%
Norway	6255	0	0.0%
Poland	2259	17	0.8%
Portugal	1213	46	3.8%
Romania	498	0	0.0%
Slovenia	355	4	1.1%
Spain	7458	4	0.1%
Sweden	13684	5	0.0%
United Kingdom	27259	1010	3.7%

Port and Hazmat notifications received and rejected per MS (Feb -2010)

EMSA comments:

- Most of the MSs retry to send the rejected notification with exactly the same content, sometimes more than twice. This is the reason why in some cases the number of rejected notifications is so high.
- The main reasons for the rejection of notifications are: invalid IMO number, wrong relation between ETA and ETD, missing ETAs or ETDs when mandatory and at last issues LOCODE related.
- EMSA has only recorded Latvia and Poland resending the rejected notifications with data corrected.