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Use Case Specifications

ICS2 STI-STP

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¹ I=Insert, R=Replace

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0.10	08/10/2019	Implementing comments from workshop with Economic Operators. Submitted for Review (SfR) to DG TAXUD.	-	-

Version	Date	Description	Action ¹	Section
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0.01	03/09/2019	First draft. Submitted for Information (SfI) to DG TAXUD.	I	ALL

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1 INTRODUCTION

1.1 Purpose

The purpose of this document is to identify functional requirements and describe the interaction between STI Specific Trader Portal and Economic Operator user roles (Person Filing, Carrier, Person not yet filed, Notify party).

1.2 Scope

The scope of this document consists of functional requirements of the user interface for STI Specific Trader Portal, to be implemented in Release 2 and Release 3 of ICS2.

STI Specific Trader Portal is a module comprised of specific functionality, interface and (if required) additional services, which serve the interaction of Economic Operator user roles (Person Filing, Carrier, Person not yet filed, Notify party) with ICS2 STI business specific customs domain.

These functional requirements are defined with use-case modelling of features provided by STI Specific Trader Portal user interface. These functional requirements derive from ICS2 BPM L4 diagrams [R01] and ICS2 Interface Control Document [R02].

Functional requirements for Economic Operator and HelpDesk user interfaces of ICS2 STI application in Release 1 are out of scope of this document and can be found in STI Use Case Specifications [R03].

1.3 Target Audience

The intended audience for this document is:

- DG TAXUD's ICS2 Project Team;
- EO representatives involved in ICS2 STI STP implementation;
- SOFT-DEV Development Contractor;
- Quality Assurance Contractor QA4.

1.4 Structure of this document

The present document contains the following chapters:

- **Chapter 1 – Introduction:** describes the scope and the objectives of the document;
- **Chapter 2 – Actors:** provides the list of actors using ICS2 STI STP;
- **Chapter 3 – Use Case Models:** lists the different use-cases supported by ICS2 STI STP UI;
- **Annex:** this chapter contains the following subsections:
 - i) **Non Functional Requirements:** Non Functional Requirements applicable to STI STP;
 - ii) **Optional Notifications Applicability to Person Filing/Carrier:** provides all the available optional notifications for person filing and carrier;
 - iii) **CONF Test Campaign Status:** presents the available Status, and possible transitions, of a Message and Business Scenario in the context of an EO Conformance Test Campaign;
 - iv) **Visibility of the messages:** presents the visibility of the messages that the user will have as a filter in the UC-STI-STP-12, depending on his role.

1.5 Reference Documents

Ref.	Title	Reference	Version	Date
R01	ICS2 BPM L4 Business Process Description	ICS2-CFSS-BPML4	2.02	07/11/2022
R02	ICS2 Interface Control Document	ICS2-HTI-ICD	3.30	02/03/2022
R03	STI Use Case Specifications and requirements	ICS2-STI-UCS	3.20	18/11/2019
R04	ICS2 Security Plan	ICS2_Security_Plan	3.40	29/10/2021
R05	ICS2 Information Exchange Specifications	ICS2-CFSS-IE	2.02	04/05/2022
R06	ICS2 Definitions	ICS2-CFSS-Definitions	1.10	31/03/2020
R07	EUCTP Use Case Specifications	EUCTP-UCS	2.20	29/04/2022
R08	ICS2 Business Rules	ICS2-Business Rules	2.0.2	23/05/2022
R09	STI-STP Graphical User Interface Specification	STI-STP-GUIS	2.20	08/09/2022
R10	ICS2 Code Lists	ICS2-CFSS-CL	2.01	23/05/2022
R11	STI Functional and Non-Functional Requirements	ICS2-STI-REQ	3.20	18/11/2019
R12	ICS2 Test Design Specifications for Economic Operator Conformance Test Scenarios R2 & R3	ICS2-TDS-CTS-EO-R2 & R3	2.40	21/10/2022

Table 1: Reference documents

1.6 Applicable Documents

Ref.	Title	Reference	Version	Date
A01	Framework Contract	TAXUD/2021/CC/162	N/A	24/06/2021
A02	Specific Contract n°06	TAXUD/2022/DE/119	N/A	22/04/2022

Table 2: Applicable documents

1.7 Abbreviations and Acronyms

For a better understanding of the present document, the following table provides a list of the principal abbreviations and acronyms used.

Abbreviation/Acronym	Definition
AEOS	Authorised Economic Operator - Security
AP	Access Point
AS4	Applicability Statement 4
BPM L4	Business Process Model Level 4
CFSS	Common Functional System Specifications
CL	Code List
COMM	Commission
CONF	Conformance
CR	Common Repository

Abbreviation/Acronym	Definition
CRS	Customer Reference Services System
CTC	Conformance Test Case
ENS	Entry Summary Declaration
EO	Economic Operator
EORI	Economic Operator Registration and Identification
EO-DECL	Economic Operator Declarant
EO-NOP	Notify Party
EO-PNA	Person Notifying Arrival
EO-REP	Economic Operator Representative
EO-CONF	Economic Operator Configurator
EUCTP	EU-Customs Trader Portal
GUIS	Graphical User Interface Specification
HC	House Consignment
HRCM	High Risk Cargo & Mail
HTI	Harmonised Trader Interface
ICS2	Import Control System 2
IT-SPS	IT Service Provider System
IMS	Involved Member State
LRN	Local Reference Number
MC	Master Consignment
MRN	Master Reference Number
MS	Member State
N/A	Not Applicable
NES	National Entry System
NTI	National Trader Interface
NVOCC	Non-Vessel Operating Common Carrier
OMS	Other Member State
RA	Risk Analysis
RFI	Request for Information
RFS	Request for HRCM-Screening
RMS	Responsible Member State
SOFT-DEV	Development, Maintenance and Support of Customs and Taxation Information Systems
S2S	System to System
STI	Shared Trader Interface
STP	Specific Trader Portal
TAPAS	TAXUD AS4 Access Point
TI	Trader Interface
TOGAF	The Open Group Architecture Framework
U2S	User to System
UCC	Union Customs Code
UI	User Interface

Abbreviation/Acronym	Definition
UUM&DS	Uniform User Management & Digital Signatures

Table 3: Abbreviations and Acronyms

1.8 Definitions

General ICS2 definitions are available in [R06]. Additional definitions can be found below.

Term	Definition
Actor	A person, organization, or system that has a role that initiates or interacts with activities; for example, a sales representative who travels to visit customers. Actors may be internal or external to an organization. In the automotive industry, an original equipment manufacturer would be considered an actor by an automotive dealership that interacts with its supply chain activities. <i>Source: TOGAF 9.1</i>
AS4	AS4 (Applicability Statement 4) is a Conformance Profile of the OASIS ebMS 3.0 specification and represents an open standard for the secure and payload-agnostic exchange of Business-to-business documents using Web services.
Carrier	Carrier means in the context of entry, the person who brings the goods, or who assumes responsibility for the carriage of the goods, into the customs territory of the Union. However, (i) in the case of combined transportation, "carrier" means the person who operates the means of transport which, once brought into the customs territory of the Union, moves by itself as an active means of transport; (ii) in the case of maritime or air traffic under a vessel- sharing or contracting arrangement, "carrier" means the person who concludes a contract and issues a bill of lading or air waybill for the actual carriage of the goods into the customs territory of the Union. <i>Source: Article 5 (40) from Union Customs Code.</i>
ENS Filing	ENS filing means either partial or full ENS data set required by the legislation per specific mode of transport or business model.
Person Filing	Person Filing means any person who submits to the customs authority ENS filing in its complete or partial content and other notifications in the prescribed form and manner. This person can be any person who issues bill of lading or air waybill and can be either carrier, NVOCC (i.e. freight forwarder), or any person identified by the legal provisions obliged to submit required particulars of ENS to the customs and can include postal operator, consignee stipulated in the lowest bill of lading. Person Filing also includes representative of any of the persons mentioned above who submits the ENS filing in its complete or partial content to the customs authority on behalf of the person whom it represents. <i>Source: ICS2-CFSS-Definitions [R06].</i>
Person not yet filed	Person to be notified when this person was indicated in an ENS filing (master or house level) as person that has an obligation to file a lower level ENS filing. <i>Source: ICS2-CFSS-BPMLA Process Description [R01].</i>
Use Case	A view of organization, application, or product functionality that illustrates capabilities in context with the user of that capability. <i>Source: TOGAF 9.1</i>

Table 4: Definitions

1.9 Notation Overview

This section aims to provide an overview of the numbering notation used for the use-cases basic flow, alternative flow and exceptional flow.

Whatever the flow, the numbering principle is “x.y” where “x” stands for the number of the flow and “y” stands for number of the step in the flow.

This notation is applied to the different flows as follows:

- *Basic flow*: there is only 1 basic flow defined per use-case. Consequently, the numbering will always be 1.y;
Example: “1.3” identifies the third step of the basic flow.
- *Alternative flow*: there may be several alternative flows in a use-case occurring to different steps or to the same step of the basic flow. Numbering of alternative flows uses the notation “Ax.y”. The number of steps is not limited and can therefore define additional steps that were not part of the basic flow.
Example: “A2.5” identifies the second alternative of the fifth step of the basic flow.
- *Exceptional flow*: Numbering of the exceptional flows follows the same approach as alternative flow but identified with “Ex.y”.
Example: “E1.6” identifies the first exception occurring on step 6 of the basic flow.

2 ACTORS

This chapter presents STI STP module actors; they are divided into Human and Non-Human actors.

2.1 Human Actors

Please keep in mind that the following profiles are not exclusive, an EO may have EO-PNA and EO-CONF profiles and his employees may have both or only one of these profiles². For instance:

- Employee 1 as an EO-CONF actor, focused on the configuration of manage preferences and registration of conformance campaigns;
- Employee 2 as an EO-PNA actor, focused on the submission of arrival notifications;
- Employee 3 as both, EO-CONF and EO-PNA actors, as the EO.

2.1.1 Economic Operator Declarant (EO-DECL)

Economic Operator Declarant	
Brief Description	A human actor working as the Declarant for the Economic Operator entity. He/she prepares ENS filings before submission and submits prepared ENS filing, amendments and invalidation requests and follows the status of the ENS lifecycle in the risk analysis process and provides the required information in case of referral. Authenticated users will be associated to the EORI of their Economic Operator by UUM&DS and will have access only to the associated Economic Operator related information (either directly or through delegation).
Characteristics	In the context of the ICS2 messages, this actor might additionally play the role of: <ul style="list-style-type: none"> - Person Filing, please refer to the description of Person Filing in [R06]; - Carrier, please refer to the description of Carrier in [R06]; - Person not yet filed, as the person indicated in an ENS filing having an obligation to file a lower level ENS filing; - Notify party during the process of arrival when it is declared different from the Person Filing in the ENS Filing.
Relationships	
<p>The Economic Operator Declarant is involved in the following User Interface Use Cases:</p> <ul style="list-style-type: none"> • UC-STI-STP-01 – “Create ENS Filing” • UC-STI-STP-03 – “View List of Submissions” • UC-STI-STP-04 – “View Submission” • UC-STI-STP-06 – “Submit ENS Filing amendment” • UC-STI-STP-07 – “Submit ENS Filing invalidation Request” • UC-STI-STP-08 – “Manage Task Related Notifications” • UC-STI-STP-09 – “Manage Informative Notifications” • UC-STI-STP-10 – “Manage Submissions from STI STP” • UC-STI-STP-11 – “Manage Preferences” • UC-STI-STP-12 – “Search messages” • UC-STI-STP-13 – “View message” • UC-STI-STP-14 – “Upload Several ENS Filings” • UC-STI-STP-16 – “Consult CONF Test Campaign” (only in CONF environment) 	

Table 5: Description of human actor <EO-DECL>

² Please consult [ICS2 IT Security Plan](#) for more details.

2.1.2 Economic Operator Representative (EO-REP)

Economic Operator Representative	
Brief Description	<p>A human actor working on behalf of an Economic Operator entity. He/she prepares ENS filings before submission and submits prepared ENS filing, amendments and invalidation requests and follows the status of the ENS lifecycle in the risk analysis process and provides the required information in case of referral.</p> <p>Authenticated users will be associated to the EORI of their Economic Operator and Representative by UUM&DS and will have access only to the ENS filings he/she had submitted.</p>
Characteristics	<p>In the context of the ICS2 messages, this actor might play the role of:</p> <ul style="list-style-type: none"> - Person Filing, please refer to the description of Person Filing in [R06]; - Carrier, please refer to the description of Carrier in [R06]; - Person not yet filed, as the person indicated in an ENS filing having an obligation to file a lower level ENS filing related to the notified arrival of the means of transport; - Notify party during the process of arrival when it is declared different from the Person Filing in the ENS Filing.
Relationships	
<p>The Economic Operator Representative is involved in the following User Interface Use Cases:</p> <ul style="list-style-type: none"> • UC-STI-STP-01 – “Create ENS Filing” • UC-STI-STP-03 – “View List of Submissions” • UC-STI-STP-04 – “View Submission” • UC-STI-STP-06 – “Submit ENS Filing amendment” • UC-STI-STP-07 – “Submit ENS Filing invalidation Request” • UC-STI-STP-08 – “Manage Task Related Notifications” • UC-STI-STP-09 – “Manage Informative Notifications” • UC-STI-STP-10 – “Manage Submissions from STI STP” • UC-STI-STP-11 – “Manage Preferences” • UC-STI-STP-12 – “Search messages” • UC-STI-STP-13 – “View message” • UC-STI-STP-14 – “Upload Several ENS Filings” • UC-STI-STP-16 – “Consult CONF Test Campaign” (only in CONF environment) 	

Table 6: Description of human actor <EO-REP>

2.1.3 Economic Operator Configurator (EO-CONF)

Economic Operator Configurator	
Brief Description	<p>A human actor working on behalf of an Economic Operator entity, typically an employee of the EO's organisation. He/she maintains the configuration of the Shared Trader Interface for his/her Economic Operator by handling the setup of configuration data about notifications to be managed, as well as the system configuration data.</p>
Characteristics	<p>This actor plays no role in the context of the ICS2 messages, except in Conformance where he might register a Conformance Campaign and be the sender of the test messages (using IT-SPS) and act as declarant as well.</p>
Relationships	
<p>The Economic Operator Configurator is involved in the following User Interface Use Cases:</p> <ul style="list-style-type: none"> • UC-STI-STP-11 – “Manage Preferences” • UC-STI-STP-15 – “Register CONF Test Campaign” (only in CONF environment) • UC-STI-STP-16 – “Consult CONF Test Campaign” (only in CONF environment) • UC-STI-STP-17 – Manage Preferences-Access Point Configuration 	

Table 7: Description of human actor <EO-CONF>

2.1.4 Person Notifying Arrival (EO-PNA)

Person Notifying Arrival	
Brief Description	<p>A human actor working on behalf of an Economic Operator entity who has an agreement with border transport means operating carrier. He/she can submit arrival notifications upon arrival of means of transport in the territory of the European Union and receive notification from CR regarding the arrival of means of transport.</p> <p>Authentication and Identification of EO-PNA will be performed by the UUM&DS Federation of identities.</p>
Characteristics	<p>The Person notifying arrival can read only the arrival notifications he/she had submitted and:</p> <ul style="list-style-type: none"> • notifications regarding the arrival process; • control notifications; • house consignment in incorrect state notifications. <p>He/she has access to EUCTP with notification functionality.</p>
Relationships	
<p>The Person Notifying Arrival is involved in the following User Interface Use Cases:</p> <ul style="list-style-type: none"> • UC-STI-STP-02 – “Create arrival notification” • UC-STI-STP-03 – “View List of Submissions” • UC-STI-STP-04 – “View Submission” • UC-STI-STP-09 – “Manage Informative Notifications” • UC-STI-STP-12 – “Search Messages” • UC-STI-STP-13 – “View message” • UC-STI-STP-16 – “Consult CONF Test Campaign” (only in CONF environment) 	

Table 8: Description of human actor <EO-PNA>

2.1.5 Notify Party (EO-NOP)

Notify Party	
Brief Description	<p>A human actor working on behalf of an Economic Operator entity who has an agreement with a carrier acting as declarant or person notifying the arrival. He/she receives notifications from CR.</p> <p>Authentication and Identification of EO-NOP will be performed by the UUM&DS Federation of identities.</p>
Characteristics	<p>The Notify Party role can read only notifications received from STI regarding the:</p> <ul style="list-style-type: none"> • arrival notification; • control notification; • house consignment in incorrect state notifications. <p>He/she has access to EUCTP with notification functionality.</p>
Relationships	
<p>The Notify Party is involved in the following User Interface Use Cases:</p> <ul style="list-style-type: none"> • UC-STI-STP-09 – “Manage Informative Notifications” • UC-STI-STP-12 – “Search Messages” • UC-STI-STP-13 – “View message” • UC-STI-STP-16 – “Consult CONF Test Campaign” (only in CONF environment) 	

Table 9: Description of human actor <EO-NOP>

2.2 Non-Human Actors

N/A

3 USE CASE MODELS

3.1 Initiating Actions

This package holds Use Cases describing the initiating actions from which a business process can be initiated by an EO.

An EO is able to initiate the following actions:

1. Create ENS Filing, whereby the EO is able to create an ENS Filing as a draft or submit it to STI;
2. Submit arrival notification, whereby the EO is able to create an arrival notification as a draft or submit it to STI;
3. Upload several ENS Filings, whereby the EO is able to upload a file with several ENS filings in XML format and submit them or save them as a draft.

All submissions are also stored at EUCTP Level.

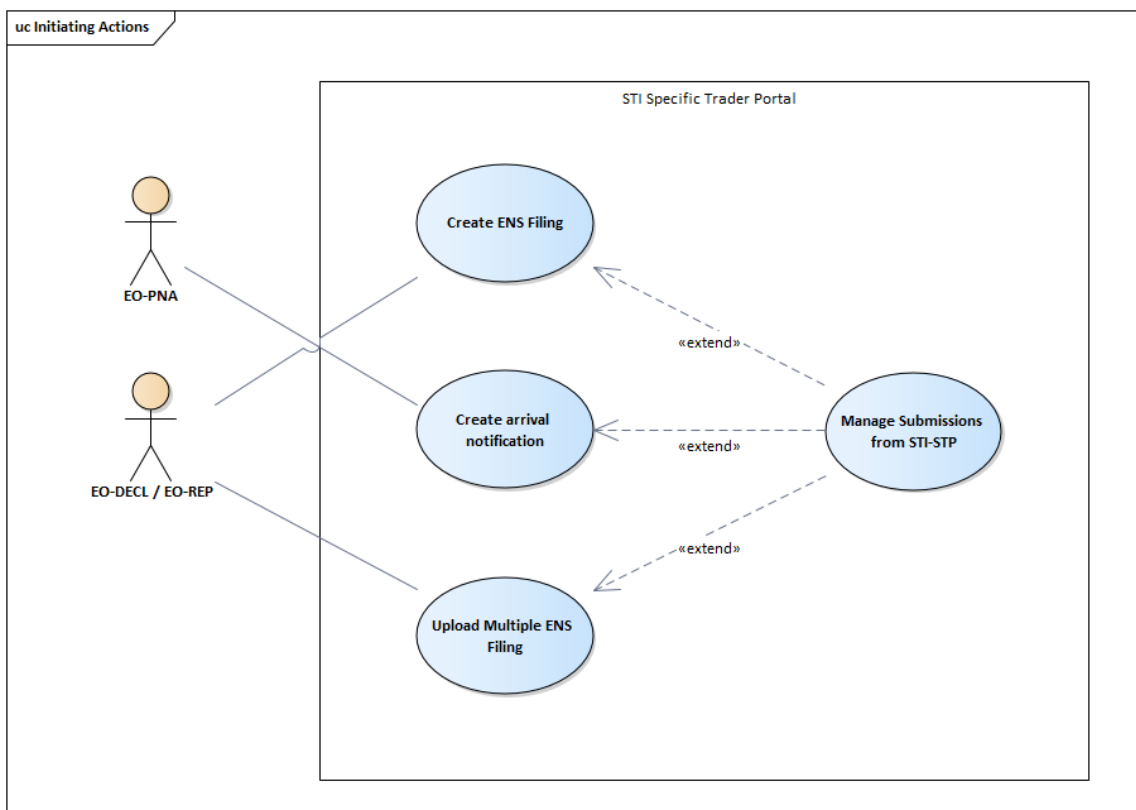


Figure 1: Initiating Actions Use Case Model

3.1.1 Create ENS Filing

Create ENS Filing	
ID	UC-STI-STP-01

Brief Description	<p>The Actor decides to:</p> <ul style="list-style-type: none"> • create a new ENS Filing; or • update a draft ENS Filing. <p>using the UI of STI STP.</p> <p>The system renders an ENS Filing and enables the Actor to fill in particulars and:</p> <ul style="list-style-type: none"> • submit the ENS Filing to STI; or • save the ENS Filing as draft for later use. 		
Actors	Primary: EO-DECL or EO-REP.		
Pre-Conditions	<ul style="list-style-type: none"> • Actor is successfully logged into EUCTP via UUM&DS authentication and identification. • The actor's STI STP role EO-DECL or EO-REP, required for this UC, is identified. 		
Basic Flow of Events			
Actor(s) Actions		System Response	
1.1	<p>Actor selects to create a new ENS Filing. <i>[Alternative 1: Actor selects to update a draft ENS Filing]</i></p>	1.2	<p>System proposes the last Type of Filing, which was filled in by the same Actor.</p> <p>System prefills LRN field with last LRN introduced by the same Actor.</p>
1.3	<p>Actor selects the Type of Filing which is a code value of the type FXX, where XX are two numeric digits, e.g. 'F32'.</p> <p>Actor defines the LRN.</p>	1.4	<p>System displays an empty ENS Filing form of the selected Type of Filing, e.g. 'F32'.</p> <p>Each new ENS filing results in a different ENS filing, regardless whether the type of ENS filing is going to change. For more details please see Additional Functional Requirements below and in STI STP GUI [R09].</p> <p>Each ENS Filing is presented to the Actor in a series of steps, to allow for:</p> <ul style="list-style-type: none"> • cleaner look&feel of the UI; and • easier completion of the web form.
1.5	<p>Actor fills in the ENS Filing form manually. <i>[Alternative 2: Actor selects to prefill form from template]</i></p>	1.6	System provides navigation aid between steps to the user (e.g. Previous step, Next step, visual indicators of steps, etc.).
1.7	<p>Actor advances to the next steps of the ENS Filing form and fills them manually. <i>[Alternative 2: Actor selects to prefill form from template]</i></p>	1.8	<p>In order to help the Actor with multiple steps of one ENS Filing form, System performs “intermediate validation” or “client side validation” on the fields of each step of the ENS Filing³. Each step is visually marked as “OK”, after successful validation of fields.</p> <p>Following the same approach of facilitating the task to complete the ENS filing, whenever the Actor fills an EORI, the system will prefill the</p>

³ “Client side validation” applies to the format of the fields (e.g. e-mail format, missing mandatory fields, etc.) but not to business validation (e.g. correct number of house consignments, correct value from Code List, duplicate MRN or LRN, etc.).

			related information (name, address, ...) available from CRS application. System provides the following options to the Actor: <ul style="list-style-type: none"> • Submit ENS Filing; • Save ENS Filing as draft for later use.
1.9	Actor selects to submit ENS Filing. <i>[Alternative 3: Actor selects to save form contents to template]</i> <i>[Alternative 4: Actor selects to save ENS Filing as draft]</i>	1.10	System displays a confirmation dialogue requesting the Actor to confirm the submission.
1.11	Actor confirms to submit ENS Filing.	1.12	The Use Case is extended with: UC-STI-STP-10 “Manage Submissions from STI STP”.
Alternative Flows			
[Alternative 1] Actor selects to update a draft ENS Filing			
A1.1	Actor views the list of drafts (Use Case UC_EUCTP_04 [R07]), loads a draft ENS Filing and resumes work. <i>[Exception 1: Actor tries to update a draft, while a more recent version exists in the system]</i>	A1.2	System uses EUCTP functionality to load and display the payload of the ENS Filing from a saved draft (Use Case UC_EUCTP_08 [R07]). The flow resumes with step 1.3 of the Basic Flow.
[Alternative 2] Actor selects to prefill form from template			
A1.5	Actor decides to prefill ENS Filing form from a template, previously saved locally on the Actor’s machine.	A1.6	System uses EUCTP functionality to prefill ENS Filing form with contents of a template (Use Case UC_EUCTP_20 [R07]). The flow resumes with step 1.3 of the Basic Flow.
[Alternative 3] Actor selects to save form contents to template			
A1.9	Actor decides to save ENS Filing form contents to a template, locally on the Actor’s machine.	A1.10	System uses EUCTP functionality to save ENS Filing form contents to a template (Use Case UC_EUCTP_20 [R07]). The flow resumes with step 1.5 of the Basic Flow.
[Alternative 4] Actor selects to save ENS Filing as draft			
A2.9	Actor selects to save ENS Filing as draft.	A2.10	System uses EUCTP functionality to save the payload of the ENS Filing to a draft (Use Case UC_EUCTP_05 or UC_EUCTP_06 [R07]). Use Case ends here.
Exceptional Flows			
[Exception 1] Actor tries to update a draft, while a more recent version exists in the system			
E1.1	While updating a draft, a more recent one is in the system.	E1.2	The system displays to the user the message: <i>“Newer version of the same draft already exists. Do you want to reload or overwrite it?”</i>

		System offers the following buttons/options: <ul style="list-style-type: none"> • Reload: Current data in the form will be lost and the stored draft will be loaded in the form. • Overwrite: Newer version of the same draft will be lost and replaced by current data in the form. • Cancel: The dialog will be closed with no action. <p>The flow resumes with step 1.3 of the Basic Flow (first two options) or with step 1.1 of the Basic Flow in case of cancelation.</p>
Post-Conditions	ENS Filing is: <ul style="list-style-type: none"> • ready for eventual submission to STI; or • saved in EUCTP as draft for later use; • saved locally as template. 	
Additional Functional Requirements	<ul style="list-style-type: none"> • Cancel operation is always provided for any operation. • When navigating away from a web form without having saved its contents, a warning is presented to the user that all unsaved data will be lost. • The following ENS Filings may contain attachments of files: IE3F20, IE3F23, IE3F24, IE3F26, IE3F28 and IE3F32. Those attachments are considered specific for each submission, are not reusable and are treated directly by STI STP as binary attachments. • This Use Case is applicable for ENS Filings of N Types of Filing in scope of each release. For Release 2, N=17 and for Release 3, N=31. • The fields of ENS Filing form per Type of Filing are available in ICS2 Information Exchange specification [R05]. • Auto-save draft functionality is provided in order to enable/disable an automatic regular procedure for saving as a draft the payload of the ENS Filing. System uses EUCTP functionality to save the payload of the ENS Filing to a draft (Use Case UC_EUCTP_05 or UC_EUCTP_06 [R07]). 	
Additional Security Requirements	The EORI number associated to the logged in actor must be equal to the declarant or representative EORI number specified in the ENS filing.	
Additional Information	N/A	

Table 10: Description of Use Case <Create ENS Filing>

3.1.2 Create arrival notification

Create arrival notification	
ID	UC-STI-STP-02

Brief Description		<p>The Actor decides to:</p> <ul style="list-style-type: none"> • create a new arrival notification; or • update a draft arrival notification <p>using the UI of STI STP.</p> <p>The system renders an arrival notification form and enables the Actor to fill in and:</p> <ul style="list-style-type: none"> • submit the arrival notification to STI; or • save the arrival notification as draft for later use. 	
Actors		Primary: EO-PNA.	
Pre-Conditions		<ul style="list-style-type: none"> • Actor is successfully logged into EUCTP via UUM&DS authentication and identification. • The actor's STI STP role EO-DECL or EO-REP, required for this UC, is identified. 	
Basic Flow of Events			
Actor(s) Actions		System Response	
1.1	Actor selects to create a new arrival notification. <i>[Alternative 1: Actor selects to update a draft arrival notification]</i>	1.2	System displays an empty arrival notification form.
1.3	Actor fills in the arrival notification form. <i>[Alternative 2: Actor selects to prefill form from template]</i>	1.4	System provides the following options to the Actor: <ul style="list-style-type: none"> • Submit arrival notification; • Save arrival notification as draft for later use.
1.5	Actor selects to submit the arrival notification. <i>[Alternative 3: Actor selects to save form contents to template]</i> <i>[Alternative 4: Actor selects to save arrival notification as draft]</i>	1.6	The Use Case is extended with: UC-STI-STP-10 "Manage Submissions from STI STP".
Alternative Flows			
[Alternative 1] Actor selects to update a draft arrival notification			
A1.1	Actor views the list of drafts (Use Case UC_EUCTP_04 [R07]), loads a draft arrival notification and resumes work. <i>[Exception 1: Actor tries to update a draft, while a more recent version exists in the system]</i>	A1.2	System uses EUCTP functionality load and display the payload of the arrival notification from a saved draft (Use Case UC_EUCTP_08 [R07]). The flow resumes with step 1.3 of the Basic Flow.
[Alternative 2] Actor selects to prefill form from template			
A1.3	Actor decides to prefill arrival notification form from a template, previously saved locally on the Actor's machine.	A1.4	System uses EUCTP functionality prefill arrival notification form with contents of a template (Use Case UC_EUCTP_20 [R07]). The flow resumes with step 1.3 of the Basic Flow.
[Alternative 3] Actor selects to save form contents to template			
A1.5	Actor decides to save arrival notification form contents to a template, locally on the Actor's machine.	A1.6	System uses EUCTP functionality to save arrival notification form contents to a template (Use Case UC_EUCTP_20 [R07]). The flow resumes with step 1.5 of the Basic Flow.

[Alternative 4] Actor selects to save arrival notification as draft			
A2.5	Actor selects to save arrival notification as draft.	A2.6	System uses EUCTP functionality to save the payload of the arrival notification to a draft (Use Case UC_EUCTP_05 or UC_EUCTP_06 [R07]). Use Case ends here.
Exceptional Flows			
[Exception 1] Actor tries to update a draft, while a more recent version exists in the system			
E1.1	While updating a draft, a more recent one is in the system.	E1.2	The system displays to the user the message: <i>“Newer version of the same draft already exists. Do you want to reload or overwrite it?”</i> System offers the following buttons/options: <ul style="list-style-type: none"> • Reload: Current data in the form will be lost and the stored draft will be loaded in the form. • Overwrite: Newer version of the same draft will be lost and replaced by current data in the form. • Cancel: The dialog will be closed with no action. The flow resumes with step 1.3 of the Basic Flow (first two options) or with step 1.1 of the Basic Flow in case of cancelation.
Post-Conditions	Arrival notification is: <ul style="list-style-type: none"> • ready for eventual submission to STI; or • saved in EUCTP as draft for later use. 		
Additional Functional Requirements	<ul style="list-style-type: none"> • Cancel operation is always provided for any operation. • When navigating away from a web form without having saved its contents, a warning is presented to the user that all unsaved data will be lost. • The fields of arrival notification form (message IE3N06) are available in ICS2 Information Exchange specification [R05]. • Auto-save draft functionality is provided in order to enable/disable an automatic regular procedure for saving as a draft the payload of the arrival notification. System uses EUCTP functionality to save 		

	the payload of the ENS Filing to a draft (Use Case UC_EUCTP_05 or UC_EUCTP_06 [R07]).
Additional Security Requirements	The EORI number associated to the logged in actor must be equal to the person notifying the arrival EORI number specified in the arrival notification.
Additional Information	N/A

Table 11: Description of Use Case <Create arrival notification>

3.1.3 Upload Several ENS Filings

Upload Several ENS Filings			
ID	UC-STI-STP-14		
Brief Description	<p>The actor decides to:</p> <ul style="list-style-type: none"> Upload a zip file with several ENS Filings in xml format. using the UI of STI STP. <p>The system renders the list of ENS Filings files uploaded and enables the actor to:</p> <ul style="list-style-type: none"> submit all the ENS Filings in the zip file to STI; or save all the ENS Filings in the zip as separate drafts in EUCTP/STP for later use. 		
Actors	Primary: EO-DECL or EO-REP.		
Pre-Conditions	<ul style="list-style-type: none"> Actor is successfully logged into EUCTP via UUM&DS authentication and identification. The actor's STI STP role EO-DECL or EO-REP, required for this UC, is identified. 		
Basic Flow of Events			
Actor(s) Actions		System Response	
1.1	Actor selects to upload a zip file with several ENS Filings.	1.2	System renders the Upload Files functionality, which includes a File Browser, and the disclaimer: “The file must be compressed in zip format, must not exceed 20MB compressed and must not include more than 100 ENS Filings”.
1.3	<p>Actor uploads the zip file from the local machine to the web application (using the web browser capabilities).</p> <p><i>[Exception 1: Actor attempts to upload a file bigger or with more ENS Filings than allowed]</i></p>	1.4	<p>System displays a table grid with an entry for each ENS Filing uploaded with the columns:</p> <ul style="list-style-type: none"> Name of the ENS Filing file Actions available: Discard, Submit and Save as draft <p>System offers 2 buttons as well:</p> <ul style="list-style-type: none"> Submit all Save as draft all
1.5	<p>Actor selects to submit all the ENS Filings.</p> <p><i>[Alternative 1: Actor saves all the ENS Filings as draft]</i></p> <p><i>[Alternative 2: Actor selects to discard an ENS Filing from the zip file]</i></p> <p><i>[Alternative 3: Actor selects to submit one ENS Filing]</i></p> <p><i>[Alternative 4: Actor selects to save as draft one ENS Filing]</i></p>	1.6	<p>The system displays to the user the message: “Caution, should any of your filings require to include non-text attachments please make sure you upload the filing as a draft and add the attachments over the UI before submission” with the options to either proceed with the submission or to cancel the submission.</p>

1.7	Actor selects to proceed with the submission.	1.8	<p>The Use Case is extended with: UC-STI-STP-10 “Manage Submissions from STI STP” for each ENS Filing in the grid.</p> <p>System shows the progress of submitting each ENS Filing included in the grid. Once all submitted, a message informing the completion is displayed to the Action (containing a navigation link to screen corresponding to UC-STI-STP-03). The System clears the entries from the grid and the Actor might consult the state of the submissions through the UC-STI-STP-03.</p> <p><i>[Exception 2: System detects a connectivity issue during the bulk submission]</i></p> <p>Use case ends here.</p>
Alternative Flows			
[Alternative 1] Actor saves all the ENS Filings as draft			
A1.5	Actor saves all the ENS Filings as draft.	A1.6	<p>System uses EUCTP functionality to save the payload of each ENS Filing in the grid to a draft (Use Case UC_EUCTP_05 or UC_EUCTP_06 of EUCTP [R07]).</p> <p>System informs in case the maximum number of drafts to be kept for a Trader has been reached.</p> <p>System clears the entries from the grid and use case ends here.</p>
[Alternative 2] Actor selects to discard an ENS Filing from the zip file			
A2.5	Actor selects to discard an ENS Filing from the grid.	A2.6	<p>System removes the entry from the grid with no further action.</p> <p>The flow resumes with step 1.5 of the Basic Flow.</p>
[Alternative 3] Actor selects to submit one ENS Filing			
A3.5	Actor selects to submit one ENS Filing.	A3.6	<p>The Use Case is extended with: UC-STI-STP-10 “Manage Submissions from STI STP” for the ENS Filing selected.</p> <p>Once submitted, the System clears the entry from the grid and the Actor might consult the state of the submission through the UC-STI-STP-03.</p> <p>The flow resumes with step 1.5 of the Basic Flow.</p>
[Alternative 4] Actor selects to save as draft one ENS Filing			
A4.5	Actor selects to save as draft one ENS Filing .	A4.6	System uses EUCTP functionality to save the payload of the ENS Filing in

			<p>the grid to a draft (Use Case UC_EUCTP_05 or UC_EUCTP_06 of EUCTP [R07]).</p> <p>System informs in case the maximum number of drafts to be kept for a Trader has been reached.</p> <p>System clears the entry from the grid and the flow resumes with step 1.5 of the Basic Flow.</p>
Exceptional Flows			
[Exception 1] Actor attempts to upload a file bigger or with more ENS Filings than allowed			
E1.3	Actor selects to upload a file bigger than 20MB compressed or with more than 100 ENS Filings.	E1.4	<p>System rejects the upload showing an error with the maximum file size and number of ENS Filings to be submitted at a time.</p> <p>The flow resumes with step 1.3 of the Basic Flow.</p>
[Exception 2] System detects connectivity issue during the bulk submission			
		E1.8	<p>System is not able to submit all the ENS Filings, due to a connectivity issue between the browser and the backend, and shows the technical error with the position of the ENS Filings not submitted.</p> <p>The message “<i>X of Y ENS filings could not be submitted</i>” is displayed, where X is the number of ENS Filings not successfully submitted, and Y the total number of ENS filings in the zip file.</p> <p>The flow resumes with step 1.5 of the Basic Flow.</p>
Post-Conditions	<p>The ENS Filings in the files are:</p> <ul style="list-style-type: none"> • ready for eventual submission to STI; or • saved in EUCTP as draft for later use. 		
Additional Functional Requirements	<ul style="list-style-type: none"> • When navigating away from Upload Several ENS Filing page without Submitting or Saving as draft the uploaded files, a warning is presented to the user that all the data file will be lost. • When submitting a file with ENS Filing type which may contain attachments of files (IE3F20, IE3F23, IE3F24, IE3F26, IE3F28 and IE3F32) a confirmation message is displayed prior to the submission saying “<i>Caution, should your filing need to include non-text attachments please make sure you upload the filing as a draft and add the attachments over the UI before submission</i>”. • This Use Case is applicable for ENS Filings of N Types of Filing in scope of each release. For Release 2, N=17 and for Release 3, N=31. • The fields of ENS Filing form per Type of Filing are available in ICS2 Information Exchange specification [R05]. 		
Additional Security Requirements	The EORI number associated to the logged in actor must be equal to the declarant or representative EORI number specified in each ENS filing.		
Additional Information	The operations for the management of attachments in drafts are described in the EUCTP UCS [R07], use cases from 14 to 19.		

Table 12: Description of Use Case <Upload Several ENS Filing>

3.2 Additional Actions

This package holds Use Cases describing the additional actions that an EO can perform with STI STP, following the successful log-in to EUCTP:

1. View the list of submissions through EUCTP;
2. View one submission in read only mode;
3. Submit an amendment for an ENS Filing, where the user can amend certain fields of an ENS Filing;
4. Submit an invalidation Request for an ENS Filing;
5. Search ICS2 messages sent from both EUCTP and other channels;
6. View message in read only mode.

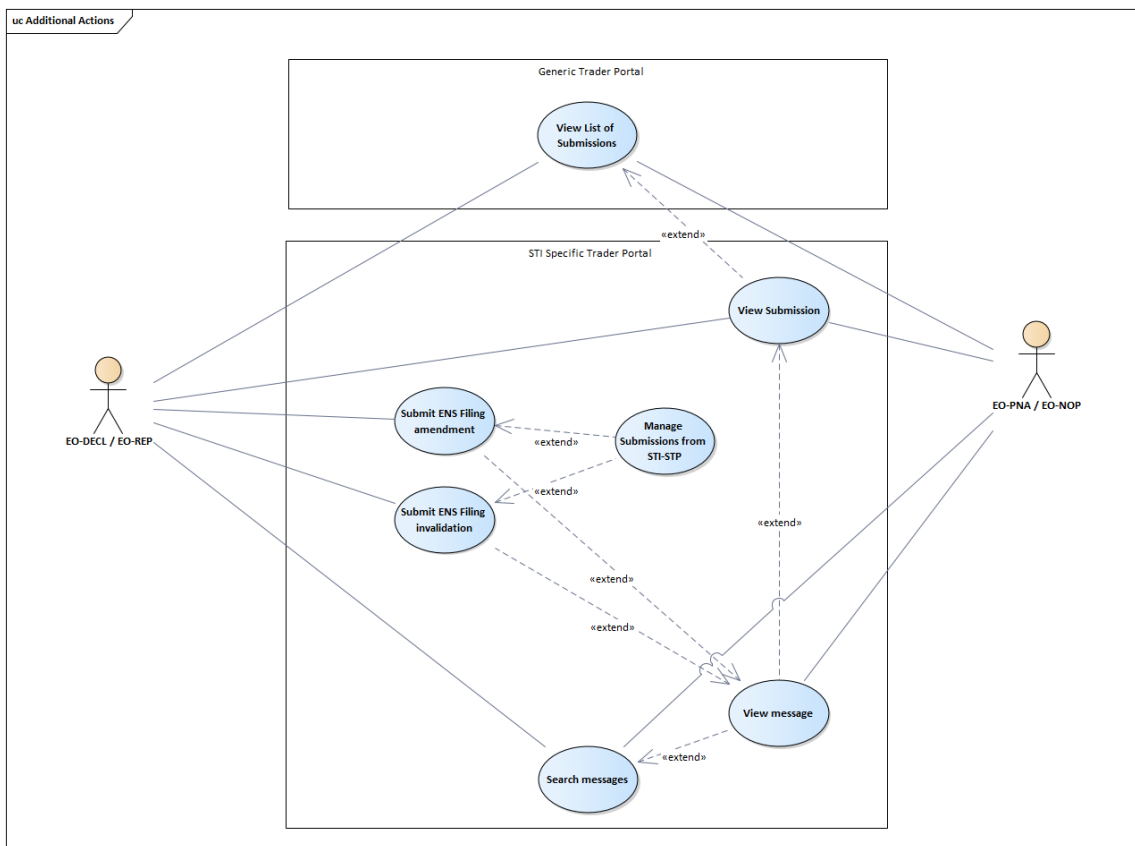


Figure 2: Additional Actions Use Case Model

3.2.1 View List of Submissions

View List of Submissions	
ID	UC-STI-STP-03

Brief Description	<p>This Use Case provides the necessary functionality to retrieve a list of all entities submitted so far by the logged in Actor using STP.</p> <p>Submissions include:</p> <ul style="list-style-type: none"> • ENS Filings; • Arrival Notifications; • Amendments; • Invalidation requests; • Responses to Tasks. <p>This Use Case also describes functionality to search and export the aforementioned list.</p> <p>This Use Case derives from EUCTP Use Case UC_EUCTP_03 [R07].</p>		
Actors	Primary: EO-DECL, EO-REP or EO-PNA.		
Pre-Conditions	<ul style="list-style-type: none"> • Actor is successfully logged into EUCTP via UUM&DS authentication and identification. • The actor's STI STP role EO-DECL or EO-REP, required for this UC, is identified. • At least one entity has been submitted to STI via STI STP. 		
Basic Flow of Events			
Actor(s) Actions		System Response	
1.1	Actor navigates to “Search Submissions” EUCTP web page.	1.2	The system presents search fields as described in Use Case UC_EUCTP_03 [R07].
1.3	Actor fills in values for search criteria and searches for submissions. <i>[Alternative 1: Actor exports list of submissions]</i>	1.4	System performs search in EUCTP submissions taking each search field into consideration (associates each search field with an AND logical operator). There is no historical limitation for the list of submissions to be retrieved.
1.5	Actor selects to view one submission. <i>[Alternative 2: Actor selects to view timeline for one submission]</i>	1.6	The Use Case is extended with: UC-STI-STP-04 “View Submission”.
Alternative Flows			
[Alternative 1] Actor exports list of submissions			
A1.3	Actor selects to export list of submissions.	A1.4	System uses EUCTP functionality to export list of all submissions in CSV format. The flow resumes with step 1.3 of the Basic Flow.
[Alternative 2] Actor selects to view timeline for one submission			
A1.5	Actor selects to view timeline for one submission.	A1.6	System uses EUCTP functionality to consult (read only) the timeline (conversation) of a business process instance, which aggregates all interactions between trader and customs authorities (Use Case UC_EUCTP_03_02 [R07]). Use Case ends here.

Exceptional Flows			
[Exceptional 1] Technical Error			
		E1.2	In case the System cannot retrieve the list of submissions, it returns a technical error (e.g. connectivity error with STI).
[Exceptional 2] No submissions found			
		E2.2	In case the System cannot retrieve any submissions for this Actor, an empty list is returned.
Post-Conditions	A list of submissions is presented to the Actor.		
Additional Functional Requirements	<ul style="list-style-type: none"> • Functionality to “Clear” search criteria is provided. • Functional Reference Number (The reference number which identifies submissions): <ul style="list-style-type: none"> ○ For an ENS Filing the Functional Reference Number is the initially the LRN, then once the ENS Filing is registered, the Functional Reference Number switches to the MRN; ○ For an amendment the Functional Reference Number is the MRN; ○ For an arrival notification the Functional Reference Number is the LRN, then once the arrival notification is registered, the Functional Reference Number switches to the MRN. 		
Additional Security Requirements	This Use Case security constraints derive from the relevant Use Case UC_EUCTP_03 [R07] of EUCTP.		
Additional Information	Retrieved submissions only include those submitted via STI STP (U2S). Submissions cannot include those submitted via a different channel (i.e. S2S).		

Table 13: Description of Use Case <View List of Submissions>

3.2.2 View Submission

View Submission	
ID	UC-STI-STP-04
Brief Description	<p>Extension of Use Case: UC-STI-STP-03 “View List of Submissions”.</p> <p>Actor selects to view one submission which has been already submitted to STI and has not been purged from the STI database (i.e. only data of the last month).</p> <p>Submissions include:</p> <ul style="list-style-type: none"> • ENS Filings; • Arrival Notifications; • Amendments; • Invalidation requests; • Responses to Tasks.
Actors	Primary: EO-DECL, EO-REP or EO-PNA.
Pre-Conditions	<ul style="list-style-type: none"> • Actor is successfully logged into EUCTP via UUM&DS authentication and identification. • The actor's STI STP role EO-DECL or EO-REP, required for this UC, is identified.

	<ul style="list-style-type: none"> Actor executes step 1.5 of Use Case: UC-STI-STP-03 “View List of Submissions”. STI STP is successfully connected to STI.
Basic Flow of Events	
Actor(s) Actions	System Response
1.1 Actor selects to view one ENS Filing. <i>[Alternative 1: Actor selects to view one arrival notification]</i> <i>[Alternative 2: Actor selects to view one amendment]</i> <i>[Alternative 3: Actor selects to view one response to Task]</i> <i>[Alternative 4: Actor selects to view one invalidation request]</i> <i>[Exception 1: Actor attempts to view a submission related to a message purged]</i>	1.2 The Use Case is extended with step 1.2 of UC-STI-STP-13 “View Message”.
1.3 Actor views the ENS Filing in read-only mode. <i>[Alternative 5: Actor selects to print submission]</i> <i>[Alternative 6: Actor selects to export the viewed submission to XML format]</i>	1.4 Use case ends.
Alternative Flows	
[Alternative 1] Actor selects to view one arrival notification	
A1.1 Actor selects to view one arrival notification.	A1.2 The Use Case is extended with step A1.2 of UC-STI-STP-13 “View Message” and the System displays one arrival notification in read only mode. <i>[Alternative 5: Actor selects to print submission]</i>
[Alternative 2] Actor selects to view one amendment	
A2.1 Actor selects to view one amendment.	A2.2 The Use Case is extended with step A2.2 of UC-STI-STP-13 “View Message” and the System displays one amendment in read only mode. <i>[Alternative 5: Actor selects to print submission]</i>
[Alternative 3] Actor selects to view one response to Task	
A3.1 Actor selects to view one response to Task.	A3.2 The Use Case is extended with step A3.2 of UC-STI-STP-13 “View Message” and the System displays one response to Task in read only mode. <i>[Alternative 5: Actor selects to print submission]</i>
[Alternative 4] Actor selects to view one invalidation request	
A4.1 Actor selects to view one invalidation request.	A4.2 The Use Case is extended with step A4.2 of UC-STI-STP-13 “View Message” and the System displays one invalidation in read only mode. <i>[Alternative 5: Actor selects to print submission]</i>

[Alternative 5] Actor selects to print submission			
A1.3	Actor selects to print submission	A1.4	System creates a printable version of the current submission using standard browser functionality ⁴ .
[Alternative 6] Actor selects to export the viewed submission to XML format			
A1.3	Actor selects to export the submission to XML format	A1.4	System exports the current submission to XML format.
Exceptional Flows			
[Exception 1] Actor attempts view a submission related to a message purged			
E1.1	Actor attempts view a submission related to a message purged from the STI database (i.e. only data of the last month)	E1.2	System displays an error due to data not available.
Post-Conditions	<p style="text-align: center;"><i>[for all submissions]</i></p> <ul style="list-style-type: none"> The data of one submission is presented to the Actor in read only mode. The option to print the submission in PDF using standard browser functionality is presented to the Actor. <p style="text-align: center;"><i>[in case of ENS Filing]</i></p> <ul style="list-style-type: none"> The option to amend the current ENS Filing is presented to the Actor. The option to invalidate the current ENS Filing is presented to the Actor. 		
Additional Functional Requirements	N/A		
Additional Security Requirements	This Use Case security constraints derive from the relevant Use Case UC_EUCTP_03 [R07] of EUCTP.		
Additional Information	Retrieved submissions only include those submitted via STI STP (U2S). Submissions cannot include those submitted via a different channel (i.e. S2S).		

Table 14: Description of Use Case <View Submission>

3.2.3 Submit ENS Filing amendment

Submit ENS Filing amendment	
ID	UC-STI-STP-06
Brief Description	Extension of Use Case: UC-STI-STP-04 “View Submission” and UC-STI-STP-13 “View Message”, both in case of ENS Filing. Actor selects to submit an amendment for the current ENS Filing.
Actors	Primary: EO-DECL or EO-REP.
Pre-Conditions	<ul style="list-style-type: none"> Actor is successfully logged into EUCTP via UUM&DS authentication and identification. Actor executes step 1.4 of Use Case: UC-STI-STP-04 “View Submission”. STI STP is successfully connected to STI.
Basic Flow of Events	
Actor(s) Actions	System Response

⁴ No dedicated PDF template is foreseen per each ENS Filing, ENS Amendment, Arrival Notification or reply to Task.

1.1	Actor selects to submit an amendment for the current ENS Filing. Only the latest version of the ENS Filing can be amended. <i>[Alternative 1: Actor selects to update a draft amendment]</i>	1.2	System displays the current ENS Filing in edit mode. The Actor is not allowed to amend (i.e. edit) certain fields of the ENS Filing: <ul style="list-style-type: none"> • Type of Filing; • MRN; • Representative; • More: all fields which are locked for editing during an amendment (per Type of Filing), as these are detailed in Business Rules dictionary [R08] and in particular in “ICS2 - Amendment Data Element Not Editable.xlsx”.
1.3	Actor prepares the amendment.	1.4	System provides the following options to the Actor: <ul style="list-style-type: none"> • Submit amendment; • Save amendment as draft for later use.
1.5	Actor selects to submit the amendment. <i>[Alternative 2: Actor selects to save amendment as draft]</i>	1.6	The Use Case is extended with: UC-STI-STP-10 “Manage Submissions from STI STP”.
Alternative Flows			
[Alternative 1] Actor selects to update a draft amendment			
A1.1	Actor views the list of drafts (Use Case UC_EUCTP_04 [R07]), loads a draft amendment and resumes work. <i>[Exception 1: Actor tries to update a draft, while a more recent version exists in the system]</i>	A1.2	System uses EUCTP functionality to load and display the payload of the amendment from a saved draft (Use Case UC_EUCTP_08 [R07]). The flow resumes with step 1.3 of the Basic Flow.
[Alternative 2] Actor selects to save amendment as draft			
A1.5	Actor selects to save the amendment as draft.	A1.6	System uses EUCTP functionality to save the payload of the amendment to a draft (Use Case UC_EUCTP_05 or UC_EUCTP_06 [R07]). System informs in case the maximum number of drafts to be kept for a Trader has been reached. Use Case ends here.
Exceptional Flows			
[Exception 1] Actor tries to update a draft, while a more recent version exists in the system			
E1.1	While updating a draft, a more recent one is in the system.	E1.2	The system displays to the user the message: <i>“Newer version of the same draft already exists. Do you want to reload or overwrite it?”</i> System offers the following buttons/options: <ul style="list-style-type: none"> • Reload: Current data in

			<p>the form will be lost and the stored draft will be loaded in the form.</p> <ul style="list-style-type: none"> • Overwrite: Newer version of the same draft will be lost and replaced by current data in the form. • Cancel: The dialog will be closed with no action. <p>The flow resumes with step 1.3 of the Basic Flow (first two options) or with step 1.1 of the Basic Flow in case of cancelation.</p>
Post-Conditions	<p>Amendment is:</p> <ul style="list-style-type: none"> • ready for eventual submission to STI; or • saved as draft in EUCTP for later use. 		
Additional Functional Requirements	<ul style="list-style-type: none"> • Cancel operation is always provided for any operation. • When navigating away from a web form without having saved its contents, a warning is presented to the user that all unsaved data will be lost. • The following ENS Filing amendment may contain attachments of files: IE3A20, IE3A23, IE3A24, IE3A26, IE3A28 and IE3A32. Those attachments are considered specific for each submission, are not reusable and are treated directly by STI STP as binary attachments. • Fields which are available for editing during an amendment and fields which are locked for editing during an amendment (per Type of Filing) are detailed in Business Rules dictionary [R08] and in particular in “ICS2 - Amendment Data Element Not Editable.xlsx”. • Only the latest version of the ENS Filing can be amended. • Auto-save draft functionality is provided in order to enable/disable an automatic regular procedure for saving as a draft the payload of the amendment. System uses EUCTP functionality to save the payload of the ENS Filing to a draft (Use Case UC_EUCTP_05 or UC_EUCTP_06 [R07]). 		
Additional Security Requirements	<p>The EORI number associated to the logged in actor must be equal to the declarant or representative EORI number specified in the ENS filing.</p>		
Additional Information	<p>The operations for the management of attachments in drafts are described in the EUCTP UCS [R07], use cases from 14 to 19.</p>		

Table 15: Description of Use Case <Submit ENS Filing amendment>

3.2.4 Submit ENS Filing invalidation Request

Submit ENS Filing invalidation Request	
ID	UC-STI-STP-07

Brief Description	Extension of Use Case: UC-STI-STP-04 “View Submission” and UC-STI-STP-13 “View Message”, both in case of ENS Filing. Actor selects to submit an invalidation request for the current ENS Filing.		
Actors	Primary: EO-DECL or EO-REP.		
Pre-Conditions	<ul style="list-style-type: none"> • Actor is successfully logged into EUCTP via UUM&DS authentication and identification. • Actor executes step 1.4 of Use Case: UC-STI-STP-04 “View Submission”. • STI STP is successfully connected to STI. 		
Basic Flow of Events			
Actor(s) Actions		System Response	
1.1	Actor selects to submit an invalidation request for the current ENS Filing.	1.2	System requests Actor confirmation.
1.3	Actor confirms the invalidation request for the current ENS Filing.	1.4	The Use Case is extended with: UC-STI-STP-10 “Manage Submissions from STI STP”.
Alternative Flows			
N/A			
Exceptional Flows			
N/A			
Post-Conditions	An invalidation request for the current ENS Filing has been submitted to STI.		
Additional Functional Requirements	Cancel operation is always provided for any operation.		
Additional Security Requirements	The EORI number associated to the logged in actor must be equal to the declarant or representative EORI number specified in the ENS filing.		
Additional Information	N/A		

Table 16: Description of Use Case <Submit ENS Filing invalidation request>

3.2.5 Search messages

Search messages	
ID	UC-STI-STP-12

Brief Description	<p>This Use Case provides the necessary functionality to retrieve a list of ICS2 messages for which the Actor logged in has access.</p> <p>The list of messages includes EO Submissions and related Informative Notifications sent by STI application. The message type of the Submissions, that might be originated from the EO system or the STI STP, are:</p> <ul style="list-style-type: none"> • ENS Filings; • Arrival Notifications; • Amendments; • Invalidation requests; • Responses to Tasks. <p>This Use Case also describes functionality to search and export the aforementioned list.</p>		
Actors	Primary: EO-DECL, EO-REP, EO-PNA or EO-NOP.		
Pre-Conditions	<ul style="list-style-type: none"> • Actor is successfully logged into EUCTP via UUM&DS authentication and identification. • The actor's STI STP role EO-DECL, EO-REP or EO-CONF, required for this UC, is identified. • At least one entity has been submitted to STI via STI STP or via EO System. 		
Basic Flow of Events			
Actor(s) Actions		System Response	
1.1	Actor selects “Search messages” from the STI STP main menu.	1.2	<p>The system presents the following search fields:</p> <ul style="list-style-type: none"> • Party ID • AS4 message ID • Reference to message ID • Message timestamp from-to • Action (IE3 message type) • Declarant EORI • Representative EORI • Addressed MS • Carrier ID number • Customs office of first entry • Transport document reference number • Transport document type • LRN • MRN <p>(at least one of the following fields needs to be filled in:</p> <ul style="list-style-type: none"> • MRN • LRN • Transport Document Number and Type • Party ID • Declarant EORI • Representative EORI • AS4 message ID <p>).</p> <p>It also presents a recent query list and a button “Search”.</p>

1.3	Actor fills in values for search criteria and searches for messages. <i>[Alternative 1: Actor selects a recent query from the list]</i>	1.4	System performs a search in ICS2 STI to look for messages for which the actor has access and with an exact match of each search field filled in. The results are displayed in a paginated list with the following fields: <ul style="list-style-type: none"> • Message type (clickable to see message detail) • LRN • MRN • Transport document number • Message validated in STI (Yes/No) • Actions (“timeline” clickable to see MRN timeline)
1.5	Actor selects to view one message detail. <i>[Alternative 2: Actor exports list of messages]</i> <i>[Alternative 3: Actor selects to view MRN timeline for one message]</i>	1.6	The Use Case is extended with: UC-STI-STP-04 “View Message”.
Alternative Flows			
[Alternative 1] Actor selects a recent query from the list			
A1.3	Actor selects a recent query from the search list.	A1.4	The system presents the search fields filled in with the values of the recent query. The flow resumes with step 1.3 of the Basic Flow.
[Alternative 2] Actor exports list of messages			
A1.5	Actor selects to export the list of messages.	A1.6	System uses EUCTP functionality to export list of all messages in CSV format. The flow resumes with step 1.5 of the Basic Flow.
[Alternative 3] Actor selects to view MRN timeline for one message			
A2.5	Actor selects to view the MRN timeline for one message.	A2.6	System presents the flow (submit filing – submit amendment – referral – ...) with all the IE3 messages related to the selected MRN.
Exceptional Flows			
[Exceptional 1] Technical Error			
		E1.4	In case the System cannot retrieve the list of messages, it returns a technical error (e.g. connectivity error with STI).
[Exceptional 2] No messages found			
		E2.4	In case the System cannot retrieve any message for this Actor and search criteria, an empty list is returned.
Post-Conditions		A list of messages is presented to the Actor.	

Additional Functional Requirements	<ul style="list-style-type: none"> • Functionality to “Clear” search criteria is provided.
Additional Security Requirements	The appropriate list of messages available can be found in section 4.4.
Additional Information	The search is limited to data that has not been purged from the ICS2 STI database (i.e. only data of the last month)

Table 17: Description of Use Case <Search messages>

3.2.6 View Message

View Message	
ID	UC-STI-STP-13
Brief Description	<p>Extension of Use Case: UC-STI-STP-12 “Search messages”, UC-STI-STP-04 “View Submission” and UC-STI-STP-16 “Consult CONF Test Campaign”.</p> <p>Actor selects to view one message. It may be a submission which has been already submitted to STI (through EUCTP or through other channels) or a notification sent by STI.</p> <p>Submissions include:</p> <ul style="list-style-type: none"> • ENS Filings; • Arrival Notifications; • Amendments; • Invalidation requests; • Responses to Tasks.
Actors	Primary: EO-DECL, EO-REP, EO-PNA or EO-NOP.
Pre-Conditions	<ul style="list-style-type: none"> • Actor is successfully logged into EUCTP via UUM&DS authentication and identification. • Actor executes step 1.2 of Use Case UC-STI-STP-04 “View Submission”, step 1.5 of Use Case: UC-STI-STP-12 “Search messages” or step 1.7 of UC-STI-STP-16 “Consult CONF Test Campaign”. • STI STP is successfully connected to STI.
Basic Flow of Events	
Actor(s) Actions	System Response
<p>1.1 Actor selects to view one ENS Filing. <i>[Alternative 1: Actor selects to view one arrival notification]</i> <i>[Alternative 2: Actor selects to view one amendment]</i> <i>[Alternative 3: Actor selects to view one response to Task]</i> <i>[Alternative 4: Actor selects to view one invalidation request]</i> <i>[Alternative 5: Actor selects to view one notification]</i></p>	<p>1.2 System provides, in read only mode, the ENS Filing form associated with current ENS Filing.</p> <p>If the ENS Filing was sent through EUCTP, System provides the option to submit an amendment for the current ENS Filing: The Use Case is extended with: UC-STI-STP-06 “Submit ENS Filing Amendment”.</p> <p>If the ENS Filing was sent through EUCTP, System provides the option to submit an invalidation request for the current ENS Filing: The Use Case is extended with: UC-STI-STP-07</p>

			“Submit ENS Filing Invalidation Request”.
Alternative Flows			
[Alternative 1] Actor selects to view one arrival notification			
A1.1	Actor selects to view one arrival notification.	A1.2	System displays one arrival notification in read only mode.
[Alternative 2] Actor selects to view one amendment			
A2.1	Actor selects to view one amendment.	A2.2	System displays one amendment in read only mode. Essentially, an amendment is one ENS Filing, where the fields have been amended to their latest applicable values.
[Alternative 3] Actor selects to view one response to Task			
A3.1	Actor selects to view one response to Task.	A3.2	System displays one response to Task in read only mode.
[Alternative 4] Actor selects to view one invalidation request			
A4.1	Actor selects to view one invalidation request.	A4.2	System displays one invalidation request in read only mode. Given the fact that an invalidation is essentially a request, and it does not include any new/updated content, viewing one invalidation request could be a simple timestamp of when this invalidation request was submitted.
[Alternative 5] Actor selects to view one notification			
A5.1	Actor selects to view one notification	A5.2	System displays one notification in read only mode.
Exceptional Flows			
N/A			
Post-Conditions	<p><i>[for all messages]</i></p> <ul style="list-style-type: none"> The data of one message is presented to the Actor in read only mode. <p><i>[in case of ENS Filing sent through EUCTP]</i></p> <ul style="list-style-type: none"> The option to amend the current ENS Filing is presented to the Actor. The option to invalidate the current ENS Filing is presented to the Actor. 		
Additional Functional Requirements	N/A		
Additional Security Requirements	<p>The list only contains message for which:</p> <ul style="list-style-type: none"> The EORI of the EO-DECL logged in user matches the declarant EORI The EORI of the EO-REP logged in user matches the representative EORI <p>Except for the messages below:</p> <ul style="list-style-type: none"> IE3N03, IE3N09, IE3Q01 and IE3R01: <ul style="list-style-type: none"> The EORI of the EO-DECL logged in user must match either the declarant or the Carrier Identification Number; The EORI of the EO-REP logged in user must match the representative; 		

	<ul style="list-style-type: none"> • IE3N04, IE3N05: the EORI of the EO-DECL or EO-REP logged in user must match the Carrier Identification Number; • IE3N08, IE3R04: the EORI of the EO-DECL or EO-REP logged in user must match the Person Notifying the Arrival Identification Number; • IE3N11: the EORI of the EO-DECL or EO-REP logged in user must match the Supplementary Declarant (person not yet filed) Identification Number.
Additional Information	Retrieved messages include both those submitted via STI STP (U2S) and those submitted via a different channel (i.e. S2S).

Table 18: Description of Use Case <View Message>

3.3 Notifications

The EUCTP system provides a dashboard containing a list of notifications from the accessible business specific customs domains, from which the received notifications can be handled (please find detailed information about it in the UC_EUCTP_02 Manage Notifications of the **R07**).

This package holds Use Cases related to incoming ICS2 STI STP Notifications. These notifications are part of a business process and can be categorized into two types:

- STI STP task-related notifications. These include requests which the Person Filing must respond to using the STI STP (as their initiating filings were sent through the STI STP), in order to continue a business process. The following Notifications are related to Tasks:
 - **IE3Q02 Additional Information Request:** Under certain circumstances, the Person Filing may be requested to provide additional information regarding one or more already submitted ENS filing(s). Additional information response from Person Filing comes in the form of IE3R02 message.
 - **IE3Q03 High Risk Cargo & Mail screening request:** Under certain circumstances, the Person Filing may be requested to execute HRCM screening during the air cargo pre-loading phase. HRCM screening response from Person Filing comes in the form of IE3R03 message.
- Informative Notifications. These Notifications notify the Person Filing (and under specific circumstances, the Carrier, the Person not yet filed and the Notify party) of something. The following Notifications are informative, all of them related to initiated filings sent through EUCTP unless otherwise is detailed:
 - **IE3N02 ENS Not Complete Notification** - An ENS is marked as not complete after: either the timer for ENS completion has expired or completeness did not derive from the "Relate ENS filings" sub process. STI sends the ENS Not Complete Notification with ID IE3N02 to the Person Filing.
 - **IE3N03 Assessment Complete Notification** - The risk assessment of an ENS filing is complete. STI sends the Assessment Complete Notification with ID IE3N03 to the Person Filing when that person has requested to be informed. This notification may be also communicated to the Carrier when it has requested to be informed and is different from Person Filing.
 - **IE3N04 Additional information request notification** - The Responsible Member State makes a request for Information. STI creates an Additional Information Request notification with ID IE3N04 and sends it to the Carrier when it has requested to be informed and is different from the Person Filing.
 - **IE3N05 High Risk Cargo & Mail screening request notification** - Decision to request HRCM screening was made. STI creates an HRCM screening request notification with ID IE3N05 and sends it to the Carrier. The Carrier is notified that the Person Filing was requested to perform high risk cargo screening and provide his results.
 - **IE3N08 Control Notification** - A control recommendation was received. e-Screening was performed and it was decided that a control is to be performed at the first place of arrival. STI creates a Control Notification with ID IE3N08 to the PersonNotifying Arrival and to the Notify Party who submitted the arrival notification.
 - **IE3N09 (AEOS) Control Notification** - The Authorised Economic Operator will be notified about the controls that will be performed on the goods that are under his

- responsibility. STI sends an (AEOS) Control Notification with ID IE3N09 to the Person Filing. This notification may be also communicated to the Carrier whenever applicable.
- **IE3N10 Amendment Notification** - ENS lifecycle validation is performed on an amendment of an ENS filing and succeeds. ENS filing is now amended. STI creates an Amendment Notification with ID IE3N10 and sends it to the Person Filing.
 - **IE3N11 ENS Pending Notification** - The Person that has not yet filed is informed that he is obliged to file an ENS filing. STI sends the ENS Pending Notification with ID IE3N11 to the Person that has not yet filed.
 - **IE3Q01 Do Not Load Request** - The risk assessment of an ENS filing is complete. The Economic Operator will be requested to not load a part of his initially declared consignment. STI sends the Do Not Load Request with ID IE3Q01 to the Person Filing. This notification must be also communicated to the Carrier when the Carrier is different from the Person Filing. The specific parts that are not to be loaded will be indicated through the message. The Actor receives this notification related to submissions sent using EUCTP or other channels.
 - **IE3Q02 Additional Information Request:** with the same definition as for the IE3Q02 for type Notification related to STI STP Task, but for the case when the initiated filings were sent through other channel than the STI STP. In this case, this message is informative and does not require a response through the STI STP.
 - **IE3Q03 High Risk Cargo & Mail screening request:** with the same definition as for the IE3Q03 for type Notification related to STI STP Task, but for the case when the initiated filings were sent through other channel than the STI STP. In this case, this message is informative and does not require a response through the STI STP.
 - **IE3R01 ENS Registration Response** - STI receives an ENS filing, performs validation on received ENS filing, registers ENS filing and assigns MRN to ENS filing. STI notifies successful registration and MRN to the Person Filing. This notification may be also communicated to the Carrier when it has requested to be informed and is different from Person Filing.
 - **IE3R04 Arrival Registration Response** - STI receives an Arrival Notification of the means of transport, performs validation on received Arrival Notification, registers Arrival Notification and assigns MRN to Arrival Notification. STI notifies successful arrival notification registration and MRN to the Person Notifying Arrival and to the Notify Party.
 - **IE3R07 Invalidation Acceptance Response** - ENS lifecycle validation is performed on an invalidation for an ENS filing and succeeds. ENS filing is now invalidated. STI creates an Invalidation Acceptance Response with ID IE3R07 and sends it to the Person Filing.
 - **Error Notifications** – In case of asynchronous interaction as implemented in this project, validation of a received message can result in errors being detected. In that case, an error message is sent to the sender. This message is defined as:
 - IE3N01 in case of a lifecycle validation error;
 - IE3N07 in case of an ENS Filing in incorrect state; and
 - IE3N99 for a general validation error.

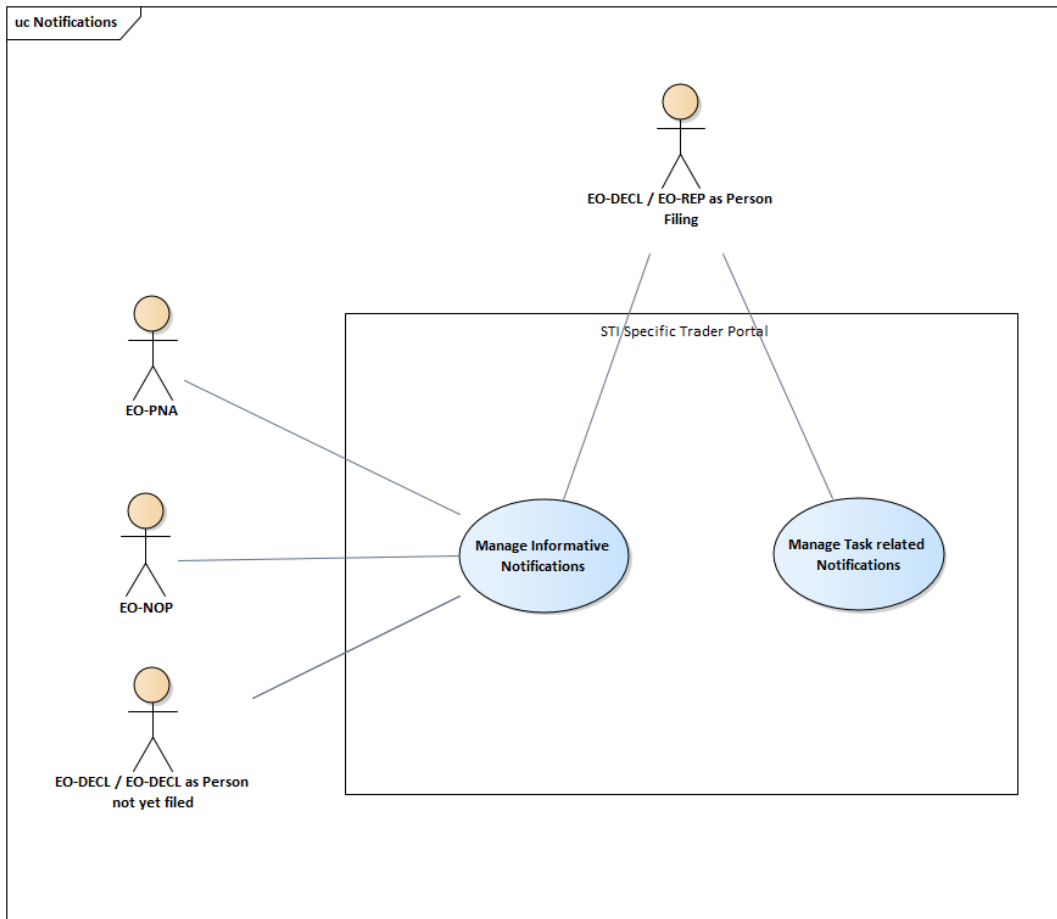


Figure 3: Notifications Use Case Model

3.3.1 Manage Task Related Notifications

Manage Task Related Notifications	
ID	UC-STI-STP-08
Brief Description	<p>This Use Case is called whenever STI sends a Task Related Notification to STI STP. The Notification is stored in STI STP. Additionally, a Notification entry is submitted to EUCTP in order for the Actor to have a consolidated view of all incoming Notifications.</p> <p>Alternatively, this Use Case is called by EUCTP in order to facilitate dispatching of a Task related to one Notification, in case a response is needed. When the Actor selects one Notification from EUCTP Notification List, then EUCTP delegates rendering of Notification specific information to this Use Case.</p>
Actors	Primary: EO-DECL or EO-REP.
Pre-Conditions	<ul style="list-style-type: none"> • Actor is successfully logged into EUCTP via UUM&DS authentication and identification. • The actor's STI STP role EO-DECL or EO-REP, required for this UC, is identified. • Actor selects the “Dashboard” action from the EUCTP homepage navigation menu in order to consult the Trader notifications, and a list is presented to the user. • STI STP is successfully connected to STI.
Basic Flow of Events	
Actor(s) Actions	System Response

1.1	Actor decides to view one ICS2 STI STP incoming Task Related Notification. <i>[Alternative 1: Actor exports list of notifications]</i> <i>[Alternative 2: Actor selects to update a draft Task]</i>	1.2	System renders the generic part of the Notification in a comprehensive way.
1.3	Actor decides to respond to a Task related Notification.	1.4	System renders the STI STP specific part of the Notification related to the Task.
1.5	Person Filing fills in the Task. In case the Task is an additional information request (IE3Q02) AND the code is 'AMD', then this Use Case is extended with: step 1.3 of Use Case UC-STI-STP-06 "Submit ENS Filing amendment" (in this case, the reply to Task is an amendment to the original ENS Filing).	1.6	System provides the following options to the Actor: <ul style="list-style-type: none"> • Submit Task; • Save Task as draft for later use.
1.7	Actor selects to submit the Task. <i>[Alternative 3: Actor selects to save Task as draft]</i>	1.8	The Use Case is extended with: UC-STI-STP-10 "Manage Submissions from STI STP".
Alternative Flows			
[Alternative 1] Actor exports list of notifications			
A1.1	Actor selects to export list of notifications.	A1.2	System uses EUCTP functionality to export list of notifications in CSV format. The flow resumes with step 1.1 of the Basic Flow.
[Alternative 2] Actor selects to update a draft Task			
A2.1	Actor views the list of drafts (Use Case UC_EUCTP_04 [R07]), loads a draft Task and resumes work. <i>[Exception 1: Actor tries to update a draft, while a more recent version exists in the system]</i>	A2.2	System uses EUCTP functionality to load and display the payload of the Task from a saved draft (Use Case UC_EUCTP_08 [R07]). The flow resumes with step 1.5 of the Basic Flow.
[Alternative 3] Actor selects to save Task as draft			
A1.7	Actor selects to save Task reply as draft.	A1.8	System uses EUCTP functionality to save the payload of the Task reply to a draft (Use Case UC_EUCTP_05 or UC_EUCTP_06 [R07]) Use Case ends here.
Exceptional Flows			
[Exception 1] Actor tries to update a draft, while a more recent version exists in the system			
E1.1	While updating a draft, a more recent one is in the system.	E1.2	The system displays to the user the message: <i>"Newer version of the same draft already exists. Do you want to reload or overwrite it?"</i>

			<p>System offers the following buttons/options:</p> <ul style="list-style-type: none"> • Reload: Current data in the form will be lost and the stored draft will be loaded in the form. • Overwrite: Newer version of the same draft will be lost and replaced by current data in the form. • Cancel: The dialog will be closed with no action. <p>The flow resumes with step 1.3 of the Basic Flow (first two options) or with step 1.1 of the Basic Flow in case of cancelation.</p>
Post-Conditions	A Task Related Notification from STI has been received by STI STP and it has been responded to by Person Filing.		
Additional Functional Requirements	<ul style="list-style-type: none"> • The following responses may contain attachments of files: IE3R02, IE3R03. Those attachments are considered specific for each submission, are not reusable and are treated directly by STI STP as binary attachments. • Auto-save draft functionality is provided in order to enable/disable an automatic regular procedure for saving as a draft the payload of the Task reply. System uses EUCTP functionality to save the payload of the ENS Filing to a draft (Use Case UC_EUCTP_05 or UC_EUCTP_06 [R07]). 		
Additional Security Requirements	The actor receives notifications addressed to him/her.		
Additional Information	N/A		

Table 19: Description of Use Case <Manage Task Related Notifications>

3.3.2 Manage Informative Notifications

Manage Informative Notifications	
ID	UC-STI-STP-09

Brief Description	<p>This Use Case is called whenever STI sends an Informative Notification to STI STP. The Notification is stored in STI STP. Additionally, a Notification entry is submitted to EUCTP in order for the Actor to have a consolidated view of all incoming Notifications.</p> <p>Alternatively, this Use Case is called by EUCTP in order to render information contained in one Notification. When the Actor selects one Notification from EUCTP Notification List, then EUCTP delegates rendering of Notification specific information to this Use Case.</p>		
Actors	Primary: EO-DECL, EO-REP, EO-PNA or EO-NOP.		
Pre-Conditions	<ul style="list-style-type: none"> • Actor is successfully logged into EUCTP via UUM&DS authentication and identification. • The actor's STI STP role EO-DECL, EO-REP, EO-PNA or EO-NOP, required for this UC, is identified. • Actor selects the “Dashboard” action from the EUCTP homepage navigation menu in order to consult the Trader notifications. • STI STP is successfully connected to STI. 		
Basic Flow of Events			
Actor(s) Actions		System Response	
1.1	Actor decides to view one ICS2 STI STP incoming Informative Notification. <i>[Alternative 1: Actor exports list of notifications]</i>	1.2	System renders the generic part of the Notification in a comprehensive way.
1.3	Actor consults an Informative Notification.	1.4	System renders the STI STP specific part of the Informative Notification in a comprehensive way.
Alternative Flows			
[Alternative 1] Actor exports list of notifications			
A1.1	Actor selects to export list of notifications.	A1.2	System uses EUCTP functionality to export list of notifications in CSV format. The flow resumes with step 1.1 of the Basic Flow.
Exceptional Flows			
N/A			
Post-Conditions	An Informative Notification from STI has been received by STI STP and it has been viewed by the Actor.		
Additional Functional Requirements	N/A		
Additional Security Requirements	The actor receives notifications addressed to him/her.		
Additional Information	N/A		

Table 20: Description of Use Case <Manage Informative Notifications>

3.4 Supporting Use Cases

This package holds Use Cases describing the management of ICS2 related preferences through STI STP, as well as the management of submissions from STI STP to STI through EUCTP.

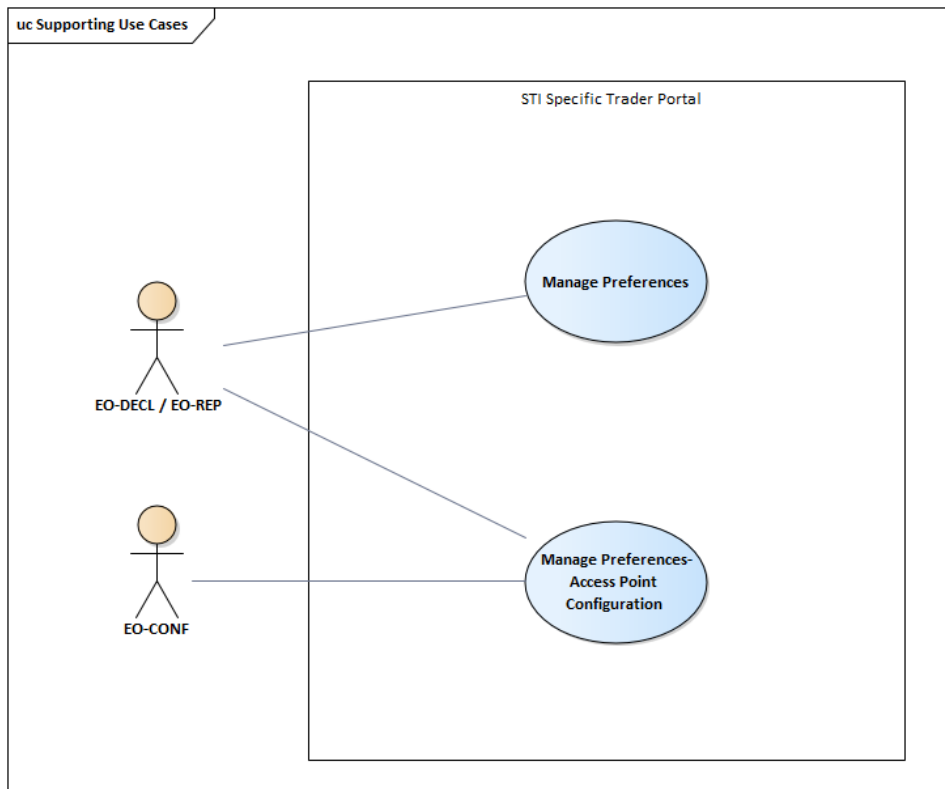


Figure 4: Supporting Use Cases Model

3.4.1 Manage Submissions from STI STP

Manage Submissions from STI-STP	
ID	UC-STI-STP-10
Brief Description	<p>This Use Case describes how STI STP manages submissions. A submission could refer to one of the following:</p> <ul style="list-style-type: none"> • Submit an ENS Filing (there are N possible ENS filing submissions, where each one is different in format. For Release 2, N=17 and for Release 3, N=31); • Submit an arrival notification; • Submit an ENS Filing Amendment (there are N possible ENS filing amendment submissions, where each one is different in format. For Release 2, N=16, and for Release 3, N=30); • Submit an ENS Filing Invalidation Request; or • Respond to a Notification related to a Task (there are 2 possible Task responses, i.e. Additional Information Response (IE3R02) and High Risk Cargo & Mail screening response (IE3R03)). <p>After a submission, EUCTP is notified in order to record the result of the submission in the generic submissions list.</p>
Actors	Primary: EO-DECL, EO-REP and EO-PNA (for the arrival notifications).
Pre-Conditions	<ul style="list-style-type: none"> • Actor is successfully logged into EUCTP via UUM&DS authentication and identification. • The actor's STI STP role EO-DECL, EO-REP and EO-PNA (for the arrival notifications), required for this UC, is identified.

	<ul style="list-style-type: none"> STI STP is successfully connected to STI. 		
Basic Flow of Events			
Actor(s) Actions		System Response	
1.1	Actor sends a submission.	1.2	STI STP connects to STI and sends the submission.
1.3		1.4	STI STP receives the Submission Reference Number (or the failure result) of the newly created entity from STI.
1.5		1.6	STI STP connects to EUCTP and creates a generic record for the submission (Use Case UC_EUCTP_12 [R07]).
Alternative Flows			
N/A			
Exceptional Flows			
N/A			
Post-Conditions	A submission has been performed successfully from STI STP to STI and a generic record for this submission has been created in EUCTP.		
Additional Functional Requirements	N/A		
Additional Security Requirements	The EORI number associated to the logged in actor must be equal to the declarant or representative EORI number specified in the message submitted or equal to the person notifying the arrival EORI number in case of arrival notification submission.		
Additional Information	N/A		

Table 21: Description of Use Case <Manage Submissions from STI STP>

3.4.2 Manage Preferences

Manage Preferences	
ID	UC-STI-STP-11
Brief Description	<p>The Actor can manage communication preferences, i.e. configure which optional notifications s/he wants to receive or not. Those optional notifications are informative notifications (see UC-STI-STP-09 – “Manage Informative Notifications”) and are delivered to the Actor depending on communication preferences in STI STP.</p> <p>Furthermore, the Actor can configure their own AS4 AP preferences in STI STP. The Actor can configure one or more parties (with a partyId and endpoint (URL)) and for each party, the ICS2 STI service version they support and the message exchange pattern (push or pull). The actor can use the configured parties to set the default communication path per business domain.</p>
Actors	Primary: EO-CONF, EO-DECL and EO-REP.
Pre-Conditions	<ul style="list-style-type: none"> Actor is successfully logged into EUCTP via UUM&DS authentication and identification. The actor's STI STP role EO-DECL, EO-REP or EO-CONF, required for this UC, is identified.
Basic Flow of Events	
Actor(s) Actions	System Response

1.1	Actor navigates to the welcome page.	1.2	<p>The system presents a list of options for the actor to define the type of ICS2 user he/she is:</p> <ul style="list-style-type: none"> EO declarant/representative acting also as a sender, EO declarant/representative not acting as a sender, or just acting as a sender. <p>Options are exclusive and mandatory to choose one.</p>
1.3	Actor navigates to the manage preferences webpage.	1.4	<p>The system depending of the selection in step 1.1 (please refer to Additional Functional Requirements for details), may presents:</p> <p>A section with a list with optional notifications available for the EO when acting as Person Filing and when acting as Carrier. The system allows the user to switch ON/OFF each of the notifications.</p> <p>Another grid presents the Default communication paths, including:</p> <ul style="list-style-type: none"> • Business domain (current values: postal, air general, maritime, express, road and rail); • Communication path (S2S or U2S); • PartyId (only available for S2S path); • Action (delete). <p>And a “Add communication path” button.</p> <p>At the same page, the system presents the AP configuration, showing a grid with the configured parties with these columns:</p> <ul style="list-style-type: none"> • PartyId such as <system>@<EORI>@<MS> (where system and MS are optional) ; • Endpoint (URL); • TLS Client Certificate; • Support STI Service Version; • Message Exchange Pattern (MEP): either push or pull; • Contact Details (Name, E-mail address/Phone number); • Action (delete, only if there is no communication path using this PartyId) <p>And a “Add party” button.</p>
1.5	<p>Actor is able to switch ON/OFF each optional notification available for him/her.</p> <p>Actor decides to save preferences.</p> <p><i>[Alternative 1: Actor selects to add a party]</i></p>	1.6	System persists preferences for this user.

	<p><i>[Alternative 2: Actor selects to delete a party]</i></p> <p><i>[Alternative 3: Actor selects to add a communication path]</i></p> <p><i>[Alternative 4: Actor selects to delete a communication path]</i></p>		
Alternative Flows			
[Alternative 1] Actor selects to add a party			
A1.5	Actor is able to configure one or more PartyIds, according to the configuration details as defined in step 1.4 of the main flow. Actor decides to save preferences.	A1.6	System persists preferences for this user. Use Case continues in UC-STI-STP-17 – Manage Preferences-Access Point Configuration.
[Alternative 2] Actor selects to delete a party			
A2.5	Actor is able to remove from the grid a PartyId configuration, in case there is no communication path using it. Actor decides to save preferences.	A2.6	System persists preferences for this user. Use Case ends here.
[Alternative 3] Actor selects to add a communication path			
A3.5	Actor is able to configure a communication path for each Business domain selecting a configured PartyId. Depending on the selection on the welcome page the user may see the Party ID field as a drop down list or as a free text. Actor decides to save preferences. <i>[Exception 1: Actor fills the Party ID field with a Party ID value, not in configured in the system]</i>	A3.6	System persists preferences for this user. Use Case ends here.
[Alternative 4] Actor selects to delete a communication path			
A4.5	Actor is able to remove from the grid a communication path. Actor decides to save preferences.	A4.6	System persists preferences for this user. Use Case ends here.
Exceptional Flows			
[Exception 1] Actor fills the Party ID field with a Party ID value, not in configured in the system			
E3.5	While adding a communication path, the actor fills the Party ID field with a value not configured in the system.	E3.6	The system displays to the user the message: “Party ID not configured in ICS2” The information is not saved in the system.
Post-Conditions	The Actor has successfully managed user preferences related to: <ul style="list-style-type: none"> • Receipt of optional notifications; and • Configuration of AS4 AP. 		
Additional Functional Requirements	Relation between the option chosen in welcome page and what is displayed in Manage Preferences is depicted below: <ul style="list-style-type: none"> • EO declarant/representative acting also as a sender: <ul style="list-style-type: none"> ○ Optional notifications ○ AP configuration ○ Default communication paths • EO declarant/representative not acting as a sender: 		

	<ul style="list-style-type: none"> ○ Optional notifications ○ AP configuration ○ Default communication paths ● User acting as a sender: <ul style="list-style-type: none"> ● AP configuration
Additional Security Requirements	The EO-DECL and EO-REP have read-only access to this use case, being able to perform the main use case flow only, with no “Delete” actions and no “Add party” and “Add communication path” buttons enabled.
Additional Information	The list of optional notifications available per user role is found in section 4.2 Optional Notifications Applicability to Person Filing/Carrier.

Table 22: Description of Use Case <Manage Preferences>

3.4.3 Manage Preferences-Access Point Configuration

Manage Preferences-Access Point Configuration			
ID	UC-STI-STP-17		
Brief Description	The Actor can configure Access Points and can send an appropriate email notification about the Access Point changes.		
Actors	Primary: EO-CONF.		
Pre-Conditions	<ul style="list-style-type: none"> ● Actor is successfully logged into EUCTP via UUM&DS authentication and identification. ● The actor's STI STP role EO-CONF, required for this UC, is identified. ● Actor has executed successfully UC-STI-STP-11 selecting in the welcome page an option with access to the AP configuration. 		
Basic Flow of Events			
Actor(s) Actions		System Response	
1.1	Actor selects to add a party.	1.2	System presents the AP configuration form with these fields: <ul style="list-style-type: none"> ● PartyId such as <system>@<EORI>@<MS> (where system and MS are optional) ; ● Endpoint (URL); ● TLS Client Certificate ● Support STI Service Version; ● Message Exchange Pattern (MEP): either push or pull; ● Contact Details (Name, E-mail address/Phone number); And a ‘Cancel’, ‘Save’ and ‘Save and Notify’ buttons.
1.3	Actor fills the appropriate Access Point Configuration form and use button Save and Notify. <i>[Alternative 1: Actor use button Save]</i>	1.4	System includes the configuration changes on the grid.
1.5	Actor Saves Trader Preferences	1.6	System triggers the email notifications of the Access Point Configurations selects to be notified. A confirmation notification “Your changes have been communicated to ITSM” will be provided, notifying the

			email has been sent (or an appropriate error otherwise).
Alternative Flows			
[Alternative 1] Actor use button Save			
A1.3	Actor fills the appropriate Access Point Configuration form and use button Save.	A1.4	<p>System will provide a verification message, informing the user of two options:</p> <ul style="list-style-type: none"> • Confirm the option, system will save the Access Point Configuration, without sending a notification to ITSM. Use case ends here. • Decline the option, user returns to filled Access Point Configuration form in order to Saves and Notifies. Use case continues on step 1.3 of the main flow.
Exceptional Flows			
N/A			
Post-Conditions	<ul style="list-style-type: none"> • The Actor has successfully created a Configuration of AS4 AP. 		
Additional Functional Requirements	N/A		
Additional Security Requirements	N/A		
Additional Information	N/A		

Table 23: Description of Use Case <Manage Preferences-Access Point Configuration >

3.5 Conformance Test Campaign Use Cases

This package holds Use Cases describing the registration of a Conformance Test Campaign using STI STP as well as the consultation of the Test Campaigns in which the logged-in user has registered.

These Use Cases are applicable only in the Conformance environment.

The business role selected by the EO defines the business scenarios that must be executed. For some particular business roles, the EO must also select the ENS Filing, prior to define the business scenario.

The given business scenarios are pre-configured at the application level and considered as pre-conditions for this Use Case package. Therefore, there is no specific Use Case in the STI STP to perform this task.

The difference between business flow and self-defined flow is that the latter consists of particular scenarios to cover specific functionalities of the Carrier and House Filer business roles.

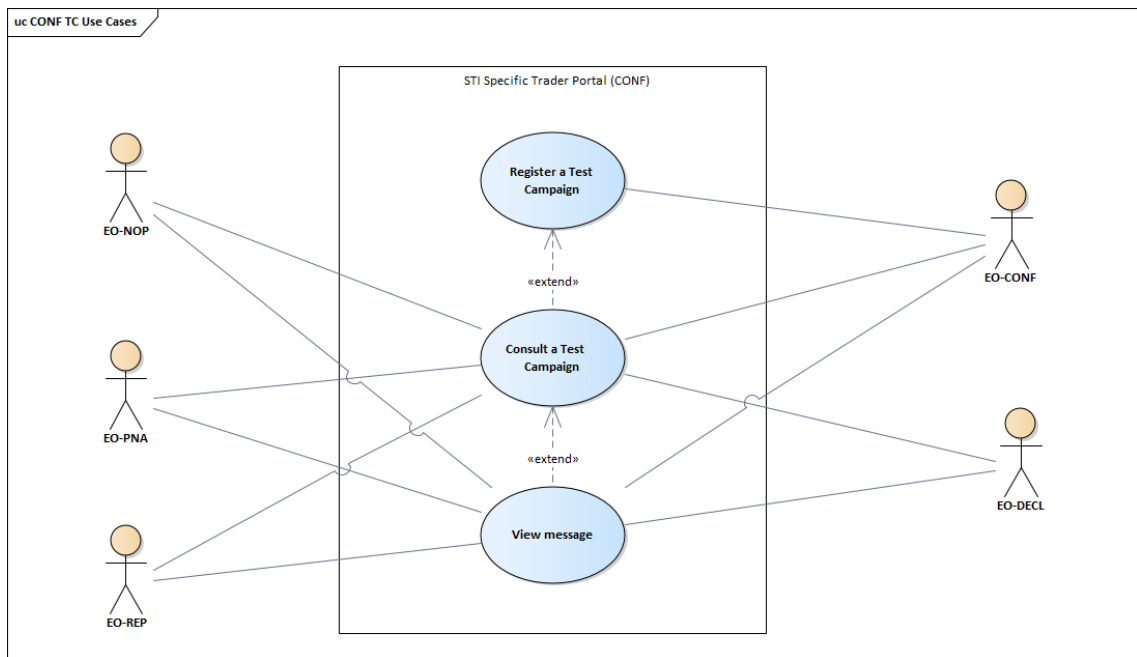


Figure 5: CONF Test Campaign Use Cases Model

3.5.1 Register CONF Test Campaign

Register CONF Test Campaign	
ID	UC-STI-STP-15
Brief Description	<p>The Actor decides to register a Conformance Test Campaign.</p> <p>The system renders the Business Roles:</p> <ul style="list-style-type: none"> • Carrier; • Express Operator; • House Filer; • Notify Party; • Person Notifying the Arrival; • Postal Operator. <p>A set of pre-defined Business Scenarios is then enabled to the Actor.</p> <p>The Actor is, then, required to fill in the Identifiers for specific messages in the Business Scenarios pre-defined for the business role.</p>
Actors	Primary: EO-CONF.
Pre-Conditions	<ul style="list-style-type: none"> • Actor is successfully logged into EUCTP via UUM&DS authentication and identification, in the Conformance environment. • The actor's STI STP role EO-DECL, EO-REP or EO-CONF, required for this UC, is identified. • STI STP is successfully connected to STI, in the Conformance environment. • There is an active EO CTC loaded in STI, Conformance environment. Business roles and Business Scenarios configured in STI-STP system. • The AS4 connectivity between the EO system and ICS2 is in place (EO System certificate is properly registered in UUM&DS).
Basic Flow of Events	
Actor(s) Actions	System Response
1.1 Actor selects "Conformance Tests" from the STI STP main menu.	1.2 The system presents:

			<ul style="list-style-type: none"> • Fixed message at the top “For the execution of this Conformance Test Campaign, first make sure you register a certificate and perform the technical connectivity test.”; • The information related to the active EO CTC: <ul style="list-style-type: none"> ○ Name (e.g. CTC for Release 2); ○ Start Date; ○ End Date. • The configuration fields to be provided for the Campaign Registration: <ul style="list-style-type: none"> ○ Sender PartyID ○ Pmode configuration (read-only field): <ul style="list-style-type: none"> ▪ Message Exchange Pattern (MEP): either push or pull; ▪ Endpoint (URL). ○ TLS Client Certificate (read-only field) • A “Register” button, only enabled in case the configuration fields are filled; • A CONF Test Campaign grid empty; • A link to the CIRCABC (which will lead to a public access dedicated folder named “ICS2 R2 EO Self-Conformance”). <p><i>[Exception 1: No active EO CTC]</i></p>
1.3	Actor fills in the configuration fields and select to register a CONF Test Campaign.	1.4	<p>The system presents the available Business roles for the active EO CTC:</p> <ul style="list-style-type: none"> • Carrier; • Express Operator; • House Filer; • Notify Party; • Person Notifying the Arrival; • Postal Operator.
1.5	<p>Actor selects the Express Operator Business role.</p> <p><i>[Alternative 1: Actor selects the Carrier Business role]</i></p> <p><i>[Alternative 2: Actor selects the House Filer Business role]</i></p> <p><i>[Alternative 3: Actor selects the Notify Party Business role]</i></p> <p><i>[Alternative 4: Actor selects the Postal Operator Business role]</i></p> <p><i>[Alternative 5: Actor selects the Person Notifying the Arrival Business role]</i></p>	1.6	<p>The system presents a list with the ENS Filings available for Conformance (see additional information in this Use Case for the ENS Filings related to Express Operator).</p>

	<i>[Alternative 6: Actor selects a Business role and Business Flow he/she is already registered]</i>		
1.7	Actor selects one ENS Filing from the list. <i>[Alternative 6: Actor selects a Business role and Business Scenario he/she is already registered]</i>	1.8	For each ENS Filing type selected by the actor, the system displays a grid listing the business scenarios.
1.9	Actor selects “Next” button option.	1.10	The system presents the required Business Scenario for the selected role (see additional information in this Use Case). The system renders a grid with the list of those messages, included in the definition of the Test Case for this Business Scenario, that required an Identifier to be informed by the Actor: <ul style="list-style-type: none"> • Business Scenario; • Message sequence; • Message type; • Status (Set up pending); Actions (Fill Identifier).
1.11	Actor fills all or some Identifiers. <i>[Alternative 7: Actor closes the grid without filling any Identifier]</i>	1.12	The system updates the entries in the grid with the values of the Identifiers filled and sets the Status and Actions accordingly: <ul style="list-style-type: none"> • Business Scenario; • Message sequence; • Message type; • Identifier; • Status (Execution pending); • Actions (Update Identifier).
1.13	Actor saves the grid. <i>[Alternative 8: Actor updates an Identifier]</i>	1.14	The system presents the information of the registered CONF Test Campaign in a grid with: <ul style="list-style-type: none"> • Business role; • ENS Filing (only applicable and filled with values for Carrier and House Filer business roles); • Registration date; • Status (Ready for execution); • Actions (View). The Use Case is extended with UC-STI-STP-16 “Consult a Test Campaign”.
Alternative Flows			
[Alternative 1] Actor selects the Carrier Business role			
A1.5	Actor selects the Carrier Business role in the list.	A1.6	The system presents a list with the ENS Filings available for


			Conformance (see additional information in this Use Case for the ENS Filings related to Carrier).
A1.7	Actor selects one ENS Filing from the list. <i>[Alternative 6: Actor selects a Business role and Business Scenario he/she is already registered]</i>	A1.8	For each ENS Filing type selected by the actor, the system displays a grid listing the business scenarios.
A1.9	Actor selects “Next” button option.	A1.10	The system renders a list with the Business Scenarios corresponding to the ENS Filing (see additional information in this Use Case for the Business Scenarios related to each ENS Filing type), requiring an Identifier: <ul style="list-style-type: none"> • ENS Filing; • Business Scenario; • Message sequence; • Message type; • Status (Set up pending); • Actions (Fill Identifier). The flow resumes with step 1.11 of the Basic Flow.
[Alternative 2] Actor selects the House Filer Business role			
A1.5	Actor selects the House Filer Business role in the list.	A1.6	The systems presents a list with the ENS Filings available for Conformance (see additional information in this Use Case for the ENS Filings related to House Filer).
A1.7	Actor selects one ENS Filing from the list. <i>[Alternative 6: Actor selects a Business role and Business Scenario he/she is already registered]</i>	A1.8	For each ENS Filing type selected by the actor, the system displays a grid listing the business scenarios.
A1.9	Actor selects “Next” button option.	A1.10	The system renders a list with the Business Scenarios corresponding to the ENS Filing (see additional information in this Use Case for the Business Scenarios related to each ENS Filing type), requiring an Identifier: <ul style="list-style-type: none"> • ENS Filing; • Business Scenario; • Message sequence; • Message type; • Status (Set up pending); • Actions (Fill Identifier). The flow resumes with step 1.11 of the Basic Flow.
[Alternative 3] Actor selects the Notify Party Business role			
A1.5	Actor selects the Notify Party Business role in the list.	A1.6	System displays a grid, listing the business scenarios according to the Business Role selection

	<i>[Alternative 6: Actor selects a Business role and Business Scenario he/she is already registered]</i>		
A1.7	Actor selects a Business Scenario.	A1.8	The system displays a confirmation dialogue to the Actor requesting the Actor confirmation to proceed with the Business Scenario execution. The system displays the information message: <i>“For this Business Role there are no identifiers to be configured by you. Please press Finish Configuration to confirm the Registration.”.</i>
A1.9	Actor confirms to proceed with the execution.	A1.10	The Use Case ends here.
[Alternative 4] Actor selects the Postal Operator Business role			
A1.5	Actor selects the Postal Operator Business role in the list. <i>[Alternative 6: Actor selects a Business role and Business Scenario he/she is already registered]</i>	A1.6	System displays a grid, listing the business scenarios according to the Business Role selection.
A1.7	Actor selects “Next” button option.	A1.8	The flow resumes with step 1.10 of the Basic Flow.
[Alternative 5] Actor selects the Person Notifying the Arrival Business role			
A1.5	Actor selects the Person Notifying the Arrival Business role in the list.	A1.6	System displays a grid, listing the business scenarios according to the Business Role selection
A1.7	Actor selects a Business Scenario.	A1.8	The system displays a confirmation dialogue to the Actor requesting the Actor confirmation to proceed with the Business Scenario execution. The system displays the information message: <i>“For this Business Role there are no identifiers to be configured by you. Please press Finish Configuration to confirm the Registration.”.</i>
A1.9	Actor confirms to proceed with the execution.	A1.10	The Use Case ends here.
[Alternative 6] Actor selects a Business role and Business Scenario he is already registered			
A1.7	Actor selects a Business role and Business Scenario already included in the grid of the step 1.12	A1.8	The system renders the same grid as in step 1.6 but for the messages with the Identifier already filled the data is: <ul style="list-style-type: none"> • Business Scenario; • Message sequence; • Message type; • Identifier; • Status (Execution pending); • Actions (Update Identifier).

			The flow resumes with step 1.11 of the Basic Flow.												
[Alternative 7] Actor closes the grid without filling any Identifier															
A1.9	Actor closes the grid without filling any Identifier for the selected Business role and Business Scenario.	A1.10	The system presents the information of the step 1.2 with no changes in the Test Campaign grid. The actor is not registered in a new Conf Test Campaign. Use case ends here.												
[Alternative 8] Actor updates an Identifier															
A1.11	Actor updates an Identifier previously filled.	A1.12	The flow resumes with step 1.13 of the Basic Flow.												
Exceptional Flows															
[Exception 1] No active EO CTC															
E1.1		E1.2	In case no active EO CTC is loaded in STI, because CONF DB is sometimes cleaned or due to current date is out of the validity range date for the EO CTC, the data will be empty, and the Register button will be disabled.												
Post-Conditions	The Actor is self-registered in the selected Business role and is ready to start the Test Campaign.														
Additional Functional Requirements	<p>For the cases where the following pre-condition of this Use Case is not fulfilled:</p> <ul style="list-style-type: none"> “There is an active EO CTC loaded in STI, Conformance environment. Business roles and Business Scenarios configured in STI-STP system.” <p>The System displays a message informing the Actor. The informative message contains the following content: "There is no Conformance Test Campaign active at this moment. Please mind to request the registration of a Conformance Test Campaign prior to scenarios configuration."</p> <ul style="list-style-type: none"> Sender Party ID field, is a drop-down list contains all Party IDs (based on Manage Trader Preferences configuration). Filter is used in order to present Party IDs with EORI same as the EORI of the user configuring the Self-CTC. The first value of the drop-down will appear as default. Pmode configuration fields will appear as read-only and filled with selected Sender Party ID data. TLS Client Certificate, is a read-only field, filled with the data of the selected Sender Party ID. 														
Additional Security Requirements	This Use Case is only available in the Conformance environment.														
Additional Information	<p>The specification (Connectivity Test Cases, Business roles, Business Scenario and sample data) of the EO CTC is available in EO-CTS artefact [R12].</p> <p>The representation below intends to present a summary of the Business Scenarios required per business role: Postal Operator, Notify Party, Express Operator and Person Notifying the Arrival.</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Business Scenario Unique Identifier</th> <th>Business Flow Description</th> <th>Person Notifying the Arrival</th> <th>Postal Operator</th> <th>Notify Party</th> <th>Express Operator</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			Business Scenario Unique Identifier	Business Flow Description	Person Notifying the Arrival	Postal Operator	Notify Party	Express Operator						
Business Scenario Unique Identifier	Business Flow Description	Person Notifying the Arrival	Postal Operator	Notify Party	Express Operator										

P1	Postal Business Flow 1: Most common	-	X	-	-
P3	Postal Business Flow 3: Postal with IMS involvement and ENS consultation	X	X	-	-
N7	Business Flow 7 for Notify Parties	-	-	X	-
E1	Express Business Flow 1: Express (F30 + F32) and Split consignment	-	-	-	X
E2	Express Business Flow 2: Express (F31 + F32) and Re-entry	-	-	-	X
E3	Express Business Flow 3: Express (F21 + F32 + F33)	-	-	-	X
E4	Express Business Flow 4: Express (F34)	-	-	-	X
A1	Business Flow for Arrival Notification	X	-	-	-

In terms of Carrier and House Filer, the required business flows are presented per ENS Filing type:



Business Flows per
ENS Filing (Carrier an

Table 24: Description of Use Case <Register CONF Test Campaign>

3.5.2 Consult CONF Test Campaign

Consult a CONF Test Campaign			
ID		UC-STI-STP-16	
Brief Description		The Actor decides to consult a Conformance Test Campaign. The system renders information about the Campaign in which the Actor is registered at the level of Business role and Scenario, Data Set and Message.	
Actors		Primary: EO-DECL, EO-REP, EO-CONF, EO-PNA or EO-NOP.	
Pre-Conditions		<ul style="list-style-type: none"> • Actor is successfully logged into EUCTP via UUM&DS authentication and identification, in the Conformance environment. • The actor's STI STP role EO-DECL, EO-REP or EO-CONF, required for this UC, is identified. • STI STP is successfully connected to STI, in the Conformance environment. • There is an active EO CTC loaded in STI, Conformance environment. • The Actor is registered in an EO CONF Test Campaign. 	
Basic Flow of Events			
Actor(s) Actions		System Response	
1.1	Actor selects “Conformance Tests” from the STI STP main menu.	1.2	<p>The system presents:</p> <ul style="list-style-type: none"> • The information related to the active EO CTC: <ul style="list-style-type: none"> ○ Name; ○ Start Date; ○ End Date. • The test Campaign configuration fields: <ul style="list-style-type: none"> ○ Sender PartyID ○ Pmode configuration ○ TLS Client Certificate • A grid with the list of Business Scenarios the Actor is registered: <ul style="list-style-type: none"> ○ Business role; ○ ENS Filing; ○ Registration date; ○ Status (Ready for execution / In progress / Failed / Success); ○ Actions (View). • A “Register” button. <p><i>[Alternative 1: Actor is not registered in any Campaign]</i></p>
1.3	Actor selects to View a Test Campaign.	1.4	The system presents a grid with all the Business Scenario

			<p>included for the Business role and scenario of the selected Campaign:</p> <ul style="list-style-type: none"> • Business Flow description; • ENS Filing; • Business Flow status (Set up pending / Ready for execution / In progress / Failed / Success) • Actions (View and Launch Test for specific Business Flow).
1.5	<p>Actor selects to View a specific Business Flow.</p> <p><i>[Alternative 2: Actor exports list of Business Flows]</i></p> <p><i>[Alternative 3: Actor selects to Launch Test to a specific Business Flow]</i></p>	1.6	<p>The system renders a grid with the list of messages of the Business Scenario:</p> <ul style="list-style-type: none"> • Message sequence; • Message type; • Identifier (if filled or generated by the system); • Additional Information; • Optionality; • Execution date (if Sent/Received); • STI Status (Set up pending / Execution pending / Failed / Success); • Failure Reason (filled in if Status is Failed); • Actions (Fill Identifier / Update Identifier / View). <p>A button to “Reset Data Set” and a “Refresh” one are also presented.</p>
1.7	<p>Actor selects to View a Failed/Success message.</p> <p><i>[Alternative 4: Actor exports a Business Flows]</i></p> <p><i>[Alternative 5: Actor selects to Fill the Identifier of a message with Status Set up pending]</i></p> <p><i>[Alternative 6: Actor selects to Update the Identifier of a message with Status Execution pending or Failed]</i></p> <p><i>[Alternative 7: Actor selects to Reset the Business Flow]</i></p> <p><i>[Alternative 8: Actor selects to Refresh the page]</i></p>	1.8	<p>The Use Case is extended with UC-STI-STP-13 “View Message”.</p>
Alternative Flows			

[Alternative 1] Actor is not registered in any Campaign			
A1.1		A1.2	The Test Campaign grid is empty. Use Case ends here.
[Alternative 2] Actor exports list of Business Flows			
A1.5	Actor selects to export the grid with the list of Business Scenarios.	A1.6	System uses EUCTP functionality to export list of Business Scenarios in CSV format. The flow resumes with step 1.5 of the Basic Flow.
[Alternative 3] Actor selects to Launch Test to a specific Business Flow			
A1.5	The actor (Business Role “Person notifying the Arrival”, “Notify Party” or House Filer (when ENS Filing is “F22 ENS Pending notification” or “F26 ENS Pending notification”)) selects to Launch Test to a specific Business Flow with Status Ready for Execution.	A1.6	System will initiate the ENS Registration to be mocked. Then the system will change the Status into “In Progress”. Use Case ends here.
[Alternative 4] Actor exports a Business flow			
A1.7	Actor selects to export the grid with the list of messages included in the “Business Scenario”.	A1.8	System uses EUCTP functionality to export list of Messages in CSV format. The flow resumes with step 1.7 of the Basic Flow.
[Alternative 5] Actor selects to Fill the Identifier of a message with Status Set up pending			
A1.7	Actor selects to Fill the Identifier of a message with Status Set up pending.	A1.8	The system updates the entry in the messages grid with the value of the Identifier filled and sets the Status to Execution pending. The flow resumes with step 1.7 of the Basic Flow.
[Alternative 6] Actor selects to Update the Identifier of a message with Status Execution pending or Failed			
A1.7	Actor selects to Update the Identifier of a message with Status Execution pending or Failed.	A1.8	The system updates the entry in the messages grid with the new value of the Identifier. If the Status of the message was Failed, the system updates it to Execution pending. The flow resumes with step 1.7 of the Basic Flow.
[Alternative 7] Actor selects to Reset the Business Flow			

A1.7	Actor clicks the Reset Business Scenario button	A1.8	The system removes all the Identifiers in the Business Scenario and sets the Status of all the messages to Set up pending or Execution pending. If the flow has the initial ENS registration to be mocked system also launches the flow. Use case ends.																					
[Alternative 8] Actor selects to Refresh the page																								
A1.7	Actor clicks the Refresh icon button		The system updates according the business flow. Depending the situation, user may receive a new MRN or a follow-up to the execution of the messages.																					
Exceptional Flows																								
N/A																								
Post-Conditions		The Actor follows up the progression of the execution of his Test Campaign.																						
Additional Functional Requirements		The available Action to the Actor, for each Message, depends on its Status and Type:																						
		<table border="1"> <thead> <tr> <th>Status</th> <th>Type</th> <th>Action</th> </tr> </thead> <tbody> <tr> <td>Set up pending</td> <td>Requires Identifier</td> <td>Fill Identifier</td> </tr> <tr> <td>Execution pending</td> <td>Requires Identifier</td> <td>Update Identifier</td> </tr> <tr> <td>Execution pending</td> <td>No Identifier required</td> <td>(no action)</td> </tr> <tr> <td>Failed</td> <td>Requires Identifier</td> <td>View Update Identifier</td> </tr> <tr> <td>Failed</td> <td>No Identifier required</td> <td>View</td> </tr> <tr> <td>Success</td> <td>(all types)</td> <td>View</td> </tr> </tbody> </table>		Status	Type	Action	Set up pending	Requires Identifier	Fill Identifier	Execution pending	Requires Identifier	Update Identifier	Execution pending	No Identifier required	(no action)	Failed	Requires Identifier	View Update Identifier	Failed	No Identifier required	View	Success	(all types)	View
Status	Type	Action																						
Set up pending	Requires Identifier	Fill Identifier																						
Execution pending	Requires Identifier	Update Identifier																						
Execution pending	No Identifier required	(no action)																						
Failed	Requires Identifier	View Update Identifier																						
Failed	No Identifier required	View																						
Success	(all types)	View																						
Additional Security Requirements		This Use Case is only available in the Conformance environment.																						
Additional Information		<p>The specifications (Business roles, Business Scenarios, Scenarios and message flows) of the Economic Operator Conformance Test Campaign is available in EO-CTS artefact [R12].</p> <p>The transition of the Message Status to Failed/Success is managed by STI.</p> <p>The Status values and possible transitions are defined in section 4.3</p>																						

Table 25: Description of Use Case <Consult CONF Test Campaign>

4 ANNEX

4.1 Non Functional Requirements

The Non Functional Requirements of STI are laid out in [R11]. In particular, the following Non Functional Requirements from [R11] are applicable to STI STP:

- STI-NF-INT-001
- STI-NF-SCA-003
- STI-NF-SEC-001
- STI-NF-SEC-002
- STI-NF-SEC-003
- STI-NF-SEC-009
- STI-NF-SEC-010
- STI-NF-SEC-011
- STI-NF-SEC-012
- STI-NF-SEC-013
- STI-NF-SEC-014
- STI-NF-SEC-015
- STI-NF-SEC-016
- STI-NF-SEC-017
- STI-NF-SEC-018
- STI-NF-SEC-019
- STI-NF-SEC-020
- STI-NF-SEC-021
- STI-NF-INT-001
- STI-NF-INT-003
- STI-NF-INT-004
- STI-NF-UIC-001
- STI-NF-UIC-002
- STI-NF-UUI-003
- STI-NF-UUI-004
- STI-NF-UUI-005
- STI-NF-UUI-006

4.2 Optional Notifications Applicability to Person Filing/Carrier

Message ID	Name	Person Filing	Carrier
ENS Registration Response (IE3R01)	E_ENS_REG_RESP	M	X
ENS Not Complete Notification (IE3N02)	E_ENS_NCP_NOT	X	-
Assessment Complete Notification (IE3N03)	E_ASM_CMP_NOT	X	X

Message ID	Name	Person Filing	Carrier
Additional information request notification (IE3N04)	E_REF_RFI_NOT	-	X
High Risk Cargo & Mail screening request notification (IE3N05)	E_REF_RFS_NOT	-	X

Table 26: Optional notifications for Economic Operators in ICS2

Legend:

M = mandatory for this user role

X = optional for this user role

- = N/A for this user role

Message ID	Name	Person Filing	Carrier
Do Not Load Request (IE3Q01) related to an ENS Filing presented via another channel than STI STP	E_DNL_REQ	X	X
Additional information request (IE3Q02) related to an ENS Filing presented via another channel than STI STP	E_REF_RFI_REQ	X	-
High Risk Cargo & Mail screening request (IE3Q03) related to an ENS Filing presented via another channel than STI STP	E_REF_RFS_REQ	X	-

Table 27: Mandatory notifications that a duplicate can be received on EUCTP

Legend:

X = optional for this user role

- = N/A for this user role

4.3 CONF Test Campaign Status

This section presents the available Status, and possible transitions, of a Message and Business Scenario in the context of an EO Conformance Test Campaign.

- Message Status: the transition to Success/ Failed is managed by STI once processed the EO message with the agreed Identifier or a later message in the flow defined in [R12].

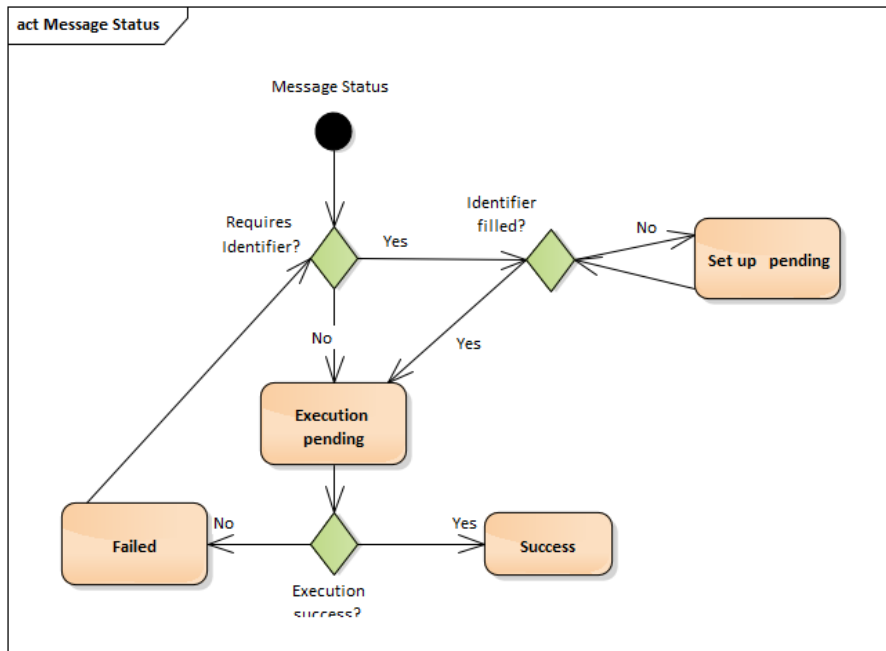


Figure 6: CONF Test Campaign Message Status

- Business Scenario Status: the Status of a Business Scenario depends on the Status of the Messages it includes.

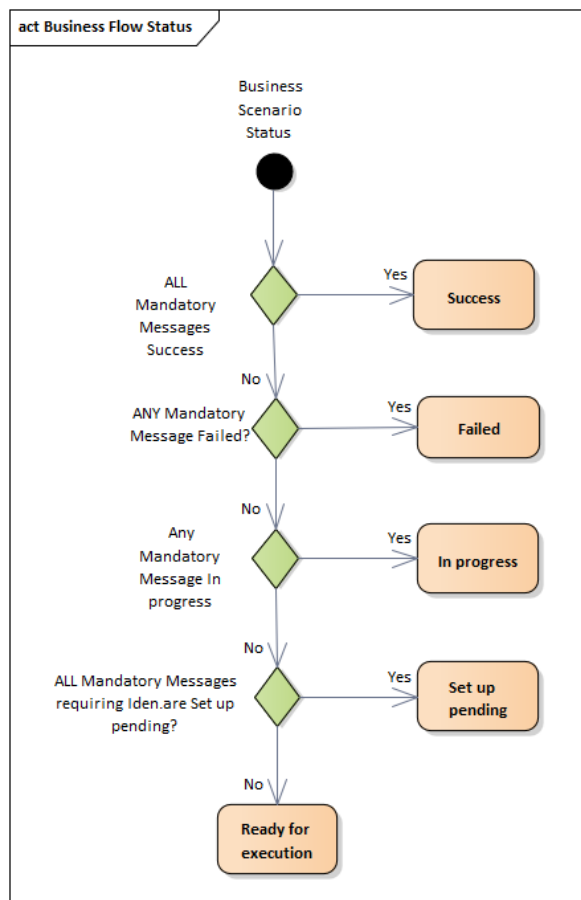


Figure 7: CONF Test Campaign Business Scenario Status

- Business role Status: the Status of the Test Campaign for a Business role depends on the Status of the Business Scenario it includes.

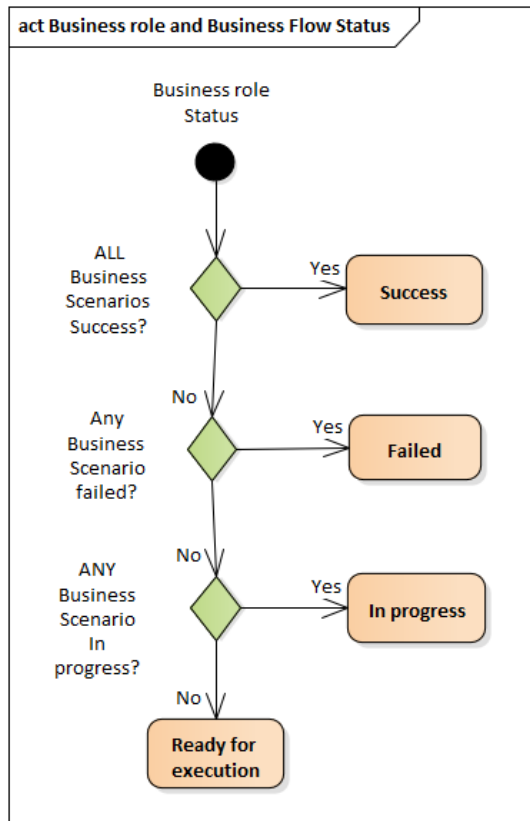


Figure 8: CONF Test Campaign Status

4.4 Visibility of the messages

This section presents the visibility of the messages that the user will have as a filter in the UC-STI-STP-12, depending on his role.

Message type	Message description	Actors of the message	STI-STP role condition to see the message
IE3Fxx	ENS Filing	Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI
		MC Consignor	(no condition)
		MC Consignee	(no condition)
		MC Notify Party	(no condition)
		MC Carrier	(no condition)
		HC Consignor	(no condition)
		HC Consignee	(no condition)
		HC Notify Party	(no condition)
IE3R01	ENS Registration response	Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI
		Carrier	= EO-DECL EORI
IE3Axx	ENS Filing amendment	Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI
		MC Consignor	(no condition)
		MC Consignee	(no condition)
		MC Notify Party	(no condition)
		MC Carrier	(no condition)
		HC Consignor	(no condition)

Message type	Message description	Actors of the message	STI-STP role condition to see the message
		HC Consignee	(no condition)
		HC Notify Party	(no condition)
IE3N10	Amendment notification	Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI
IE3Q04	Invalidation Request	Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI
IE3R07	Invalidation Acceptance Response	Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI
IE3Q02	Additional Information Request	Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI
IE3R02	Additional Information Response	Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI
IE3N04	Additional Information Requests Notification	Carrier	= EO-DECL EORI
IE3Q03	HRCM screening Request	Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI
IE3R03	HRCM screening Response	Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI
IE3N05	HRCM screening Request Notification	Carrier	= EO-DECL EORI
IE3N01	ENS lifecycle validation error Notification	Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI
IE3N02	ENS not complete notification	Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI
		Supplementary declarant	(no condition)
IE3N99	Error notification	Declarant	= EO-DECL/EO-PNA EORI
		Representative	= EO-REP EORI
IE3N06	Arrival notification	Person Notifying the arrival	= EO-PNA EORI
		Notify Party	(no condition)
IE3R04	Arrival Registration response	Person Notifying the arrival	= EO-PNA EORI
		Notify Party	= EO-NOP EORI
IE3N07	ENS Filing in incorrect state	Person Notifying the arrival	= EO-PNA EORI
		Notify Party	= EO-NOP EORI
		Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI
IE3N08	Control Notification	Person Notifying the arrival	= EO-PNA EORI
		Notify Party	= EO-NOP EORI
		Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI
IE3N11	ENS Pending notification (x n)	Supplementary declarant	= EO-DECL/EO-REP EORI
IE3N03	Assessment Complete Notification	Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI
		Carrier	= EO-DECL EORI
IE3N09	AEOS Control Notification	Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI
		Carrier	= EO-DECL EORI
IE3Q01	Do Not Load Request	Declarant	= EO-DECL EORI
		Representative	= EO-REP EORI

Message type	Message description	Actors of the message	STI-STP role condition to see the message
		Carrier	= EO-DECL EORI

End of document