UK Fishing Vessel's Electronic Logbook Functional Requirements Specification

including

Product Profile & Self Declaration Form

Version 1.2

15th April 2010

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1.1	2010-02-11	UPDATED TO REFLECT CHANGES TO THE XSD
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1 Introduction

1.1 Purpose of this document

This document contains the Functional Requirements Specification for UK Fishing vessel's Electronic Logbook. It also includes the Product Profile & Self Declaration Form to provide a format for documenting the features of the UK Fishing Vessel's Electronic Logbook supported by a product being submitted for the Electronic Logbook Software System (ELSS) Approval Programme [*hereafter:* ELSS Approval Programme].

The purpose of this document is to specify the Functional Requirements Specification for UK Fishing vessel's Electronic Logbook and enable a supplier to identify the parts of the UK Fishing Vessel's Electronic Logbook Functional Requirements Specification supported by their product so that these features are validated within the ELSS Approval Programme.

To evaluate the conformance of a particular product to the UK Fishing Boats Electronic Logbook Software Specification, it is necessary to have a statement of which capabilities and options have been implemented for the ELSS product.

This document is split into the following sections:

- **UK Fishing Vessels Electronic Logbook Functional Requirements Specification** – The Functional Requirements Specification for a UK fishing vessel's Electronic Logbook.
- **Product Identification** – This section captures the version details of the ELSS product being submitted for approval.
- **Product Profile** – The product profile is a questionnaire which must be completed by an ELSS supplier to list the mandatory, optional and conditional features supported in their product.
- **Product Feature Description** – This section allows a ELSS product supplier to provide a commercial description of their ELSS Approved product which will appear on the Approved Product Register
- **Self Declaration Form** – A Self-Declaration from the product supplier that they have implemented their product in accordance to the information contained within this document.

1.2 Scope

This document provides the UK Fishing Vessel's Electronic Logbook Functional Requirements Specification, published by the UK Fisheries Department for the Electronic Logbook Software System (ELSS) Approval Programme.

2 UK Fishing Vessel's Electronic Logbook Functional Requirements Specification

2.1 Introduction

Council Regulation (EC) No. 1966/2006 introduces a requirement for EC fishing vessels exceeding 15 metres in overall length (some 780 UK fishing vessels fall into this category) to use electronic logbooks rather than record and submit fishing activity on paper logbooks as is currently required. This will be done in two stages with the initial stage applying only to fishing vessels exceeding 24 metres in overall length by 1 January 2010 (some 280 UK vessels) and the second stage for those vessels exceeding 15 metres in overall length (a further 500 UK vessels) by 1 July 2011 (applies from 1 January 2011 if fishing within waters of a 3rd Country – Council Regulation (EC) No. 1006/2008).

Commission Regulation (EC) No. 1077/2008 defines the detailed rules to be implemented by Member States:

> *Article 4 refers to the reports required from fishing vessels. The annex to this functional specification provides the data definitions that are required from UK fishing vessels' onboard electronic logbook software systems in order to fulfil the regulatory requirements to report to the UK fisheries administrations. All electronic reports from UK fishing vessels are required to be transmitted to the Electronic Recording and Reporting System (ERS) of the UK fisheries administrations as appropriate in order to comply with the applicable fishing regulations.*

This specification is intended to assist UK fishing vessel masters, owners and their representatives in ensuring that the Electronic Logbook Software System (ELSS) used on board their vessels records and provides the required logbook information for transmission in accordance with the reporting requirements set out in Council Regulation (EC) No. 1966/2006 and Commission Regulation (EC) No. 1077/2008.

2.2 Functional Requirements Specification

2.2.1 General Requirements

The ELSS must capture all data necessary for recording the fishing activities undertaken by a UK fishing vessel.

The ELSS must output the data as an XML file for transmission to the UK fisheries administrations' ERS system.

The ELSS data must be validated against the UK XML/XSD before transmission from the fishing vessel.

The ELSS data must be transmitted at the required times set out below in Section 2.5.1.

Each ELSS data transmission will be acknowledged by a return message from the UK fisheries administrations' ERS system.

2.3 Data Capture Functions

2.3.1 Data Operations

There are four main Data Operations required to be processed by the ELSS. These Operation Types are:

- Data operation to capture and deliver formatted ELSS data for transmission by a vessel's communications system(s) to the UK fisheries administrations' ERS system (DAT)
- Delete operation to capture and deliver a formatted deletion request for transmission by a vessel's communications system(s) to the UK fisheries administrations' ERS system to delete previously send data (DEL)
- Correction operation to capture and deliver a formatted correction request for transmission by a vessel's communications system(s) to the UK fisheries administrations' ERS system to correct previously send data (COR)
- Receipt of acknowledgment operation to match acknowledgement with original message and provide a record/report of acknowledged and un-acknowledged transmissions

See below for detail on header data for transmissions from each operation

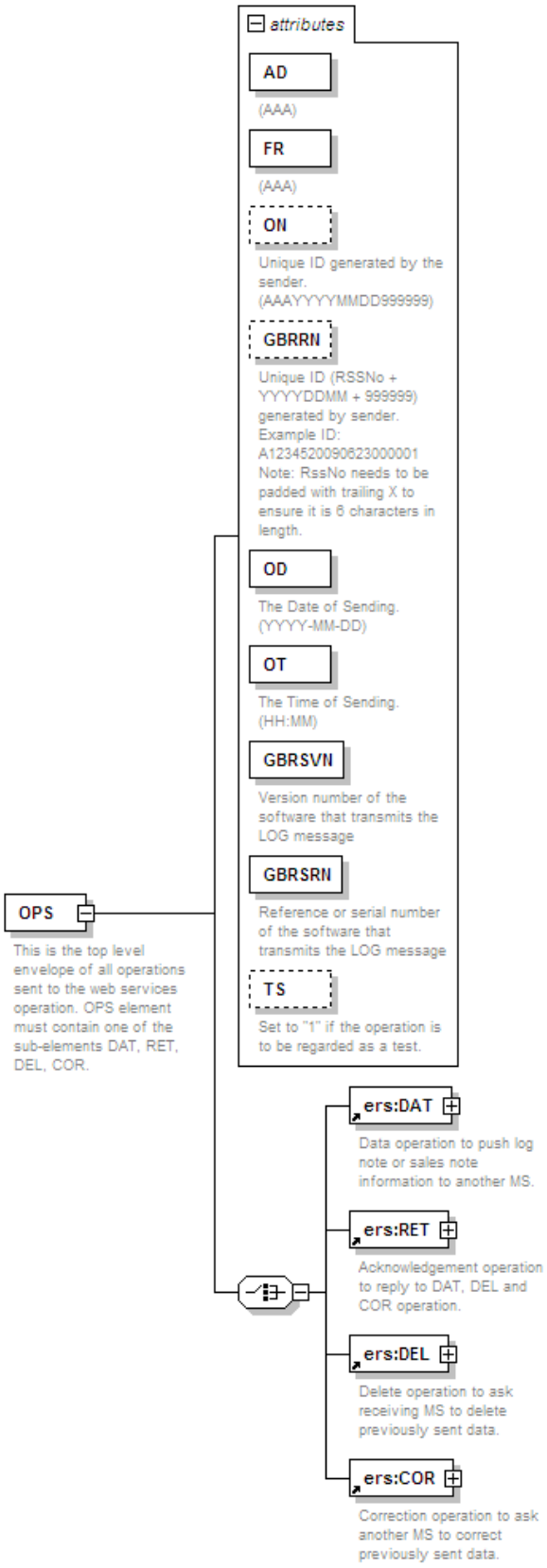

Figure 1: Data Operation Types

2.3.2 Report Types

The ELSS Report Types to be transmitted from a vessel are:

- Departure (DEP)
- Fishing Activity (FAR)
- Relocation of Catch (RLC)
- Transhipment (TRA)
- Entry into Zone (COE)
- Exit from Zone (COX)
- Control Point Area (GBRCON)
- Discard (DIS)
- Prior Notification of Arrival to Port (PNO)
- End of Fishing (EOF)
- Return to Port (RTP)
- Landing Declaration (LAN)

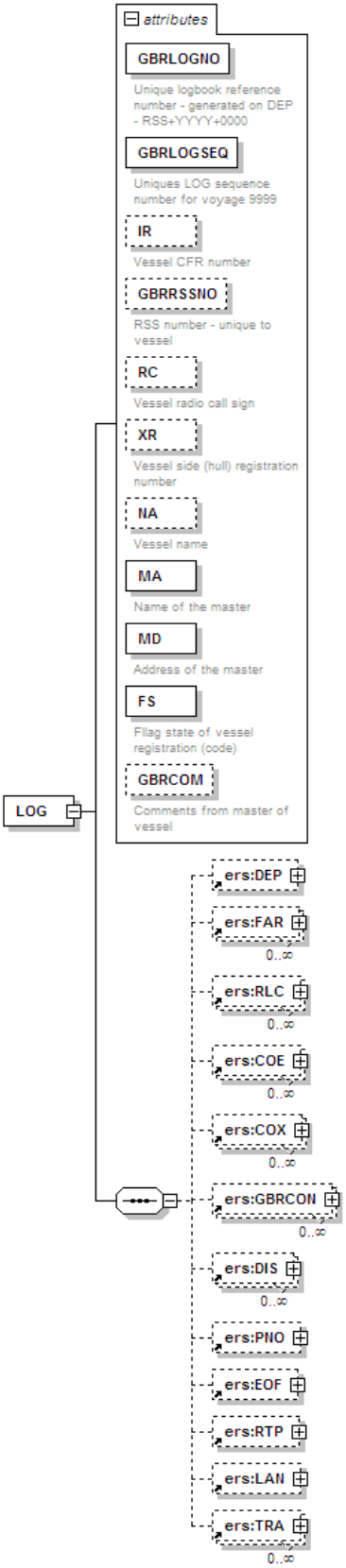

Figure 2: Report Types

2.3.3 Data Definitions

The data definitions for each report type that are required to be transmitted from the ELSS of a UK fishing vessel are to be found in the annex to this specification. The data definitions and associated lists of valid codes are incorporated in the UK XML/XSD definitions. These are available to all ELSS suppliers from the UK FMC.

The data definitions also provide for the capture of data items required for the submission of ELSS data to meet 3rd country requirements, e.g. Norway's requirements that include haul by haul reporting.

The ELSS may also provide the means for recording additional data but this must not interfere with the data capture and submission functions as set out below.

2.4 Capture Functions

The ELSS must provide data capture screens for the entry of the logbook, transhipment and landing declaration data that is required to be transmitted to the UK fisheries administrations' ERS system.

The ELSS must use English (UK) localizations for all UK Electronic Logbook features.

All dates and times must be UTC.

The Electronic Logbook data may be populated from other, existing, onboard electronic systems, e.g. a GPS for inserting the date, time and location of transmission, or for inserting the same items at the time of capture, onboard weighing systems, existing onboard database(s) to avoid duplication of data entry.

2.4.1 Printing Features

The ELSS must provide the ability to print out the ELSS logbook data (including landing declarations) using an onboard printer.

Additionally a formatted electronic print file may be generated out of the ELSS. This print file can be made available to a master's representative on-shore, e.g. by email over the onboard communications system(s). The ELSS must provide a means so that electronic print files are protected so that they cannot be modified in any way once generated and distributed.

The ELSS may provide features to facilitate other print requirements including:

- Generation of hard copies of the Electronic Logbook required when fishing in 3rd country or Regional Fisheries waters, e.g. NAFO, Faroese and Norwegian waters.
- Generation of a hard copy logsheet or landing declaration to act as a transport or takeover document.
- Generation of a hard copy for providing regulatory returns for Cod and Hake effort reporting.

2.5 Data Transmission

The ELSS must provide Electronic Logbook data for transmission to the UK fisheries administrations' ERS system in accordance with the frequency requirements defined below (Section 5.1).

The ELSS should at least be able to transmit data via email, either by being included in a packaged solution with an email system or by linking with an existing on-board email service. Data is required to be emailed as an xml document attached to an email with a standard Subject header and sent to the email address of the UK fisheries administrations' ERS system.

The subject header must consist of a character string containing 'ERS – ' prefixed to the contents of the GBRRN attribute of the Electronic Logbook data being transmitted. The GBRRN attribute is defined in the UK XML/XSD. The GBRRN attribute is defined uniquely as the vessels' RSS Number appended to the current date (in YYYYMMDD format) and a 6 digit sequence number, e.g. RSSNumber+YYYYMMDD+999999. An example of the contents of an email subject could be ERS – A1234520090623000001.

The xml document file name should be based upon the GBRRN attribute defined in the UK XML/XSD. An example of this format could be A1234520090623000001. The RSS Number will require to be padded with trailing X's to ensure that it is always 6 characters in length.

Each file should have the suffix of .xml, e.g. A1234520090623000001.xml.

All xml documents attached to emails to the UK fisheries administrations' ERS system must be encrypted using PGP.

It is recognised that communications methods, other than email, are available for data transmission. If an alternative is proposed, this should be advised to the Validation Authority and if feasible and practicable the UK Fisheries Administrations will endeavour to extend their ERS system to accommodate alternative methods.

2.5.1 Frequency of Transmission

The ELSS must permit the Master of the vessel to generate formatted data for transmission to the UK fisheries administrations' ERS system. There are 2 categories of transmission, those that must be generated automatically by the ELSS and those that can be generated and transmitted under the control of the Master of the vessel. The data transmission categories are specified below:

- Automatically by the ELSS (subject to be overridden by the vessel master)
    - at least on a daily basis not later than 24:00 even when there is no catch data with the proviso that if the vessel is in port, has no fish on board and has submitted a landing declaration, transmission may be suspended subject to prior notification to the Fisheries Monitoring Centre of the flag Member State. Transmission must be resumed when the vessel leaves port
    - immediately after the last fishing operation has been completed
    - immediately on departing port
    - immediately after a transhipment

      immediately on completion of the Landing declaration
- Generation and transmission under the control of the Master of the vessel
    - before entering into port
    - at the time of inspection at sea
    - at the request of the UK fisheries administrations

2.5.2 Data Corrections

The ELSS must provide facilities to capture and deliver for transmission corrections to previously successfully transmitted data. Data corrections must not be transmitted piecemeal; the entire report containing one or more corrected items must be transmitted. There is no requirement to identify the data items that have been corrected in the generated corrected report. . .

All corrections must be easily identifiable within the ELSS user interface.

The ELSS must only permit correction messages to be generated and sent for reports sent during a current trip up to the submission of the End of Fishing report for that voyage

2.5.3 Data Deletions

The ELSS must provide facilities to transmit deletions to previously transmitted data.

The ELSS must only permit deletion messages to be generated and sent for reports sent during a current trip up to the End of Fishing report for that voyage.

All deletions must be easily identifiable within the ELSS user interface.

2.5.4 Acknowledgement

The ELSS must be able to receive acknowledgement (RET) messages transmitted from the UK fisheries administrations' ERS system. The ELSS must match each acknowledgement message with the appropriate transmitted data operation, deletion or correction report. The ELSS must be able to confirm that a transmission has been successfully acknowledged or display any error message should the ELSS receive a negative acknowledgement message.

2.5.5 Test Transmissions

Prior to registering a product for approval, a test address for all test email transmissions and test logon details to the UK fisheries administrations' ERS system will be provided on request. All requests should be made by contacting the Validation Authority by email in the first instance. The email address is ERS-Logbook-Approvals@NCCGroup.com.

Once operational the UK XML/XSD allows for a test message to be sent to the UK fisheries administrations' ERS system. This test facility must be used to send test transmissions to establish that the communications between the vessel and the UK fisheries administrations' ERS system are fully operational. The UK fisheries administrations' ERS system will acknowledge any test messages but will not store any data that has been transmitted.

2.6 Specific High Level Requirements

Some high level requirements are required of the ELSS. These requirements are listed below;

- ELSS must retain all logbook reports and any corrections on the system at least until the end of each trip, i.e. on submission of the electronic landing declaration or of a transhipment report.
- Any ELSS software updates must not impact upon the ELSS's ability to meet the requirements set out in this document and other test documentation . If it does then the product must be submitted for re-approval, and can not be deployed by fishing vessels until this is granted and the new version id is published on the UKFA web site lists
- ELSS security and access controls such that
    - one username/password must be provided for the owner of each vessel
    - the owner is then able to set up subsidiary users such as the master of the vessel with their own username and password.
    - the username is required to be recorded in each report completed and in each transmission made; the person who has entered the data is required to "sign" the Electronic Logbook data stating that they are aware of the responsibilities/liabilities they are committing to in completing and / or transmitting a report.
    - Each copy of the ELSS installed must be provided with a unique (internal?) number that is automatically entered into each transmission to identify the instance of the ELSS from which the report has been transmitted.
- ELSS must only be supplied for use at sea and loaded onto an onboard system and is not to be provided for onshore use by agents or representatives. . Onshore entry is to be made through the ERS website or by use of the offline submission methods to be promulgated by the UK fisheries administrations, e.g. an emailed spreadsheet CSV formatted file. To this end the UK administrations will provide the Owner with the means for his agent(s) to logon to the ERS website to view the vessel trip record to date and the logbook numbers used, to aid their completion of the reports they wish to submit from their offices.

3 Product Identification

This section is to be completed by the ELSS product supplier.

Please complete the tables below with information about your company and the ELSS product being submitted for consideration for ELSS Approval Programme. Fields marked with in grey are mandatory.

Fields marked in **red boldface** and with an asterisk (*) are those that will be displayed publicly on the UK Fisheries Department web page when the product is approved.

3.1 Product Identification

Question	Response
Commercial Product Name*	*<e.g. Widget >*
Commercial Product Model Number* **(if different from product name)**	*<e.g. Widget A123>*
Software Version Identifier	<e.g. v1.2.3a>
Definition of supplier's versioning methodology	<Describe/illustrate how supplier indicates major and minor version changes via their version numbers, and to define what types of changes the vendor includes in major and minor version changes>
Operating System Versions	<e.g. Window XP SP3, Windows Vista SP2, Linux Redhat etc>
Hardware Identifier	
Special configuration	
Other information	

3.2 Identification of Supplier

Question	Response
Organization / Company Name*	*<e.g. Acme Ltd>*
Contact Name(s):	*<e.g. John Doe>*
Telephone Number:	*<e.g. +44700 465 789>*
E-mail address:	*<e.g. John.Doe@acme.com>*
Contact Address:	
Other information:	

3.3 Identification of Electronic Logbook Software Specification

Question	Response
Title, reference number and date of publication of the UK Fishing Boats Electronic Logbook Software Specification	< UK Fishing Vessel's Electronic Logbook Functional Requirements Specification - *Version 1.4* >
Addenda/amendments/corrigenda/errata implemented	*<Corrigenda Reference>*

4 Product Profile

4.1 Instructions for completing the Product Profile

To evaluate the conformance of a particular Electronic Logbook Software System (ELSS) product to the UK Fishing Vessel's Electronic Logbook Functional Requirements Specification, it is necessary to have a statement of which capabilities and options have been implemented. This statement will be referred to as the ELSS Product Profile.

This section defines the ELSS Product Profile for the UK Fishing Vessel's Electronic Logbook Functional Requirements Specification for the ELSS Approval Programme.

This section is in the form of a questionnaire to be completed by a supplier for their ELSS product.

An item is provided for each optional capability and for each major compulsory capability. Each item includes an item number, an item description, a status value specifying the support requirement, and room for a support answer to be provided by the supplier.

The tables within this section are normative and can be used to express in compact form the supported capabilities for the ELSS product of the UK Fishing Vessel's Electronic Logbook Functional Requirements Specification.

4.2 Product Profile definitions and conventions

The next section lists the capabilities of the product based on the UK Fishing Boats Electronic Logbook Software Specification.

This section contains the definitions and conventions used in the tables.

- **Item**: Conformance Requirement item reference definition.
- **Ref No**: Identifier reference defined within UK Fishing Boats Electronic Logbook Software Specification.
- **Feature**: Textual description of the Conformance Requirement.
- **XML Syntax**: XML type
- **Code:** Reference Code.
- **Description and Content:** This defines the syntax and semantics for item.
- **Status**: Each question specifies the status value applicable to the capability:

Status Symbol:	Status	Description
(C)	Compulsory	Compulsory if required by the Community rules, international or bilateral agreements
(CIF)	Compulsory if	When CIF does not apply then attribute is optional
(O)	Optional	optional support

- **Support:** For each question in the ELSS Product Profile proforma, a support answer should be in the form:

Support Symbols:	
Yes	Supported
No	not supported
N/A	no answer required

- **Notes:** This section allows the submitter of the ELSS Product Profile proforma to provide additional information in support of the submission.

4.3 ELSS Data Capture and Data Operations

This section describes the UK Fisheries Operation Messages for ELSS Approval Programme. A supplier must indicate the elements supported by their product in the columns marked in grey.

4.3.1.1 Data Operations (OPS)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:OPS	-	Operations element	element	OPS	This is the top level envelope of all operations sent to the WebService function setERS	C		
ers:OPS	02n	Country of destination	attribute	AD	The country of destination for this OPS message. Must conform to the ISO alpha-3 country code.	C		
ers:OPS	03n	Sending Country	attribute	FR	The country sending this OPS message. Must conform to the ISO alpha-3 country code.	C		
ers:OPS	04n	Operation No	attribute	ON	The Record Number of this ERS message. Fixed format defined by the pattern: "AAAYYYYMMDD999999" (AAA = Alphanumeric String, YYYY = Year, MM = Month, DD = Date, 999999 = Zero-Padded Numeric.)	CIF not from UK vessel		
ers:OPS	04a	Operation No	attribute	GBR ON	unique ID (RSSNo+YYYYMMDD+999999) generated by sender. Example ID A1234520090623000001. RSSNo needs to be padded with trailing X's to ensure that it is 6 characters in length	CIF from/to UK vessel		
ers:OPS	05n	Operation Date	attribute	OD	The date of sending for this OPS message. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	C		
ers:OPS	06n	Operation Time	attribute	OT	The time of sending for this OPS message. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM = Minutes. Values must conform to UTC standards.)	C		
ers:OPS	07a	ELSS Software version number	attribute	GBRS VN	Version number of the software that transmits the LOG message	C		
ers:OPS	07b	ELSS Reference (serial) number	attribute	GBRS RN	Reference or serial number of the software that transmits the LOG message	C		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:OPS	07n	Test flag	attribute	TS	Set to "1" if this OPS message is to be regarded as a test message.	O		
ers:OPS	08n	Pushing of Data to ERS	element	DAT	Data operation to push logbook or sales note information to ERS	CIF		
ers:OPS	09n	Return Acknowledgement of previous operation	element	RET	Acknowledgment operation to reply to DAT, DEL and COR operation	CIF		
ers:OPS	010n	Deletion of previously sent data	element	DEL	Delete operation to ask ERS to delete previously sent data	CIF		
ers:OPS	011n	Correction to previously sent data	element	COR	Correction operation to ask ERS to correct previously sent data	CIF		

4.3.1.2 Pushing Data Message (DAT)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:DAT	014n	Start of Data Message	element	DAT	Tag Indicating the start of the data message. Data operation to push logbook information to UK fisheries administrations.	C		
ers:DAT	015n	ERS	element	ERS	ERS element being pushed	C		

4.3.1.3 Deletion Message (DEL)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:DEL	016n	Start of Deletion Message	element	DEL	Delete operation to ask UK fisheries administrations to delete previously sent data.	C		
ers:DEL	017n	Record No.	attribute	RN	The Record Number of the ERS message to be deleted. Fixed format defined by the pattern: "AAAYYYYMMDD999999" (AAA = Alphanumeric String, YYYY = Year, MM = Month, DD = Date, 999999 = Zero-Padded Numeric.)	CIF not from UK vessel		
ers:DEL	017a	Record No.	attribute	GBRRN	The GB Record Number of the ERS message to be deleted. Fixed format defined by the pattern: "RSSNoYYYYMMDD999999" (RSSNo = RSS Number, YYYY = Year, MM = Month, DD = Date, 999999 = Zero-Padded Numeric.) Example GBRRN: "A1234520090623000001"	CIF from/to UK vessel		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:DEL	018n	Reason for Rejection	attribute	RE	Reason for this operation. (Free text field.)	O		

The following features are required for the ELSS product:

Item	Description	Status	Support Y|N|N/A	Notes
Deletion-001	Product MUST only permit deletion message to be sent only during a current trip up to the End of Fishing report for that voyage	C		
Deletion-002	Product MUST only permit deletion messages to be sent only during a current trip up to the End of Fishing report for that voyage.	C		
Deletion-003	Product MUST provide a means to allow deletions to be identifiable via the ELSS user interface	C		

4.3.1.4 Correction Message (COR)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:COR	019	Start of Correction Message	element	COR	Correction operation to ask UK fisheries administrations to correct previously sent data.	C		
ers:COR	020n	Original Message Number	attribute	RN	The Record Number of the ERS message to be corrected. Fixed format defined by the pattern: "AAAYYYYMMDD999999" (AAA = Alphanumeric String, YYYY = Year, MM = Month, DD = Date, 999999 = Zero-Padded Numeric.)	CIF not from UK vessel		
ers:COR	020a	Original Message Number	attribute	GBRRN	The GB Record Number of the ERS message to be corrected. Fixed format defined by the pattern: "RSSNoYYYYMMDD999999" (RSSNo = RSS Number, YYYY = Year, MM = Month, DD = Date, 999999 = Zero-Padded Numeric.) Example GBRRN: "A12345200906230000001"	CIF from/to UK vessel		
ers:COR	021n	Reason for Correction	attribute	RE	Reason for this operation. (Free text field.)	O		
ers:COR	022n	ERS	element	ERS	Includes all relevant ERS data, i.e. the whole message	C		

The following features are required for the ELSS product:

Item	Description	Status	Support Y|N|N/A	Notes
Correction-001	Product MUST submit the whole Electronic Logbook report when sending a correction message i.e. the entire report containing one or more corrected items is to be submitted for re-transmission and not piecemeal corrections	C		
Correction-002	Product MUST only permit correction messages to be sent only during a current trip up to the End of Fishing report for that voyage.	C		
Correction-003	Product MUST provide a means to allow corrections to be identifiable via the ELSS user interface	C		

4.3.1.5 Acknowledgement Message (RET)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:RET	023n	Start of RET Message	element	RET	The message acknowledges the good or bad reception of the message identified by ON	C		
ers:RET	024n	Sent Message number	attribute	ON	The Record Number of the ERS message being referred to. Fixed format defined by the pattern: "AAAYYYYMMDD999999" (AAA = Alphanumeric String, YYYY = Year, MM = Month, DD = Date, 999999 = Zero-Padded Numeric.)	CIF not from UK vessel		
ers:RET	024a	Sent Message number	attribute	GBR ON	The GB Record Number of the ERS message being referred to. Fixed format defined by the pattern: "RSSNoYYYYMMDD999999" (RSSNo = RSS Number, YYYY = Year, MM = Month, DD = Date, 999999 = Zero-Padded Numeric.) Example GBRRN: "A1234520090623000001"	CIF from/to UK vessel		
ers:RET	025	Return status	attribute	RS	Return status of the message. Status code list to be found at the EC ERS web site. (http://ec.europa.eu/fisheries/cfp/control_enforcement/ers_en.htm)	C		
ers:RET	026	Reason for Rejection	attribute	RE	Reason for this operation. (Free text field.)	O		

The following features are required for the ELSS product:

Item	Description	Status	Support Y|N|N/A	Notes
Acknowledgement-001	Product MUST correlate each Acknowledgment message with the outgoing report and operation (DAT|DEL|COR).	C		
Acknowledgement-002	Product MUST provide a means of indicating that the report as being successfully acknowledged and for displaying any error message or data provided in the acknowledgement.	C		
Acknowledgement-003	**P**roduct MUST alert the Master if no acknowledgement is received within a time limit as pre-set by the Master.	C		

4.4 Electronic Logbook Software Specification Supported Features

This section of the ELSS Product Profile proforma is a questionnaire in tabular form. In each item of these tables there is a status value which shall reflect the static conformance requirements of the UK Fishing Vessel's Electronic Logbook Functional Requirements Specification.

A supplier must indicate the elements supported by their product in the columns marked in grey.

4.4.1 Electronic Logbook Data Definition

This section describes the Data Definition for a UK fishing vessels' ELSS product. A supplier must indicate the elements supported by their product in the columns marked in grey.

4.4.2 ERS Message Declaration (ERS)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:ERS	2	Start of Message	element	ERS	Tag Indicating the start of the message	C		
ers:ERS	5n	Serial Number	attribute	RN	The serial number of this ERS message. Fixed format defined by the pattern: "AAAYYYYMMDD999999" (AAA = Alphanumeric String, YYYY = Year, MM = Month, DD = Date, 999999 = Zero-Padded Numeric.)	CIF not from UK vessel		
ers:ERS	5a	Serial Number	attribute	GBRRN	The GB Record Number of this ERS message. Fixed format defined by the pattern: "RSSNoYYYYMMDD999999" (RSSNo = RSS Number, YYYY = Year, MM = Month, DD = Date, 999999 = Zero-Padded Numeric.) Example GBRRN: "A1234520090623000001"	CIF from/to UK vessel		
ers:ERS	6	Message (record) date	attribute	RD	The transmission date of the message. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	C		
ers:ERS	7	Message (record) time	attribute	RT	The transmission time of the message. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM = Minutes. Values must conform to UTC standards.)	C		

4.4.3 Electronic Logbook - LOG Declaration (LOG)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:LOG	24	Start of log record	element	LOG	Tag Indicating the start of the logbook record	C		
ers:LOG	22a	Logbook number	attribute	GBRLOGNO	The unique logbook reference number for this specific voyage. Fixed format defined by the pattern: "RSSNoYYYY0000" (RSSNo = RSS Number, YYYY = Year, 0000 = Zero-Padded Numeric.) Example GBRLOGNO: A1234520100001.The first voyage of a calendar year will have '0001' as the last four digits of the GBRLOGNO. All logbook messages submitted for the same voyage will retain the same four digits. The second voyage of the calendar year will then use '0002' for the final four digits, the third voyage will use '0003' and so on. This sequence will always reset at the beginning of each new calendar year.	C		
ers:LOG	22b	Sequence within logbook number	attribute	GBRLOGSEQ	The unique voyage-specific sequence number for this logbook message. The first message of a given voyage should use the value '0001', the second message of the same voyage should use the value '0002' and so on. The sequence resets for each new voyage undertaken.	C		
ers:LOG	25	Vessel's Community fleet register (CFR) number	attribute	IR	The vessel's Community Fleet Registration number. Fixed format defined by the pattern: "AAAXXXXXXXXX" (AAA = Fully capitalised country code of the vessel's first registration within the EU, XXXXXXXXX = 9 character alphanumeric code.)	O		
ers:LOG	25a	RSS Number (unique identifier for UK vessel)	attribute	GBRRSSNO	The vessel's unique identity number as recorded by the UK Registrar of Seamen and Shipping. Fixed format defined by the pattern: "AAAAAA" (AAAAAA = six character alphanumeric code.)	C		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:LOG	26	Vessel's main identification	attribute	RC	International radio call sign	O		
ers:LOG	27	Vessel's external identification	attribute	XR	Side (hull) registration number of the vessel	O		
ers:LOG	28	Name of vessel	attribute	NA	Name of the vessel	O		
ers:LOG	29	Name of the master	attribute	MA	The name of the vessel's master. Any change of vessel master during a voyage must be notified in the next LOG message.	C		
ers:LOG	30	Master address	attribute	MD	The address of the vessel's master. Any change during a voyage must be notified in the next LOG message.	C		
ers:LOG	31	Country of registration	attribute	FS	The flag state of the vessel's registration. Must conform to the ISO alpha-3 country code.	C		
ers:LOG	31a	Comments	attribute	GBRCOM	Free form comments – a maximum of 500 characters	O		

Please indicate your ELSS product's support for the following LogBook elements. A supplier must indicate the elements supported by their product in the columns marked in grey.

Item	Feature - Element or attribute name	Code	Status	Support Y|N|N/A	Notes
	Declarations				
ers:DEP	Departure Message	DEP	C		
ers:FAR	Fishing Activity Report declaration	FAR	C		
ers:RLC	Relocation declaration	RLC	C		
ers:TRA	Transhipment declaration	TRA	C		
ers:COE	Entry in Zone declaration	COE	C		
ers:COX	Exit from Zone declaration	COX	C		
ers:GBRCON	Control port area report declaration	GBRCON	CIF Norway		
ers:DIS	Discard declaration	DIS	C		
ers:PNO	Prior Notification of Return declaration	PNO	C		
ers:EOF	End of Fishing declaration	EOF	C		
ers:RTP	Return to Port declaration	RTP	C		
ers:LAN	Landing declaration	LAN	C		
	Sub-Declarations				

Item	Feature - Element or attribute name	Code	Status	Support Y|N|N/A	Notes
ers:POS	Position sub-declaration	POS	C		
ers:GEA	Gear Deployment sub-declaration	GEA	C		
ers:GES	Gear Shot sub-declaration	GES	C		
ers:GER	Gear Retrieved sub-declaration	GER	C		
ers:GLS	Gear Loss sub-declaration	GLS	C		
ers:RAS	Relevant Area sub-declaration	RAS	C		
ers:SPE	Species sub-declaration	SPE	C		
ers:PRO	Processing sub-declaration	PRO	C		

4.4.3.1 Logbook Departure Declaration (DEP)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:DEP	34	Start of Departure Message	element	DEP	Tag Indicating the start of the departure from port declaration	C		
ers:DEP	35	Date	attribute	DA	The departure date of the vessel. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	C		
ers:DEP	36	Time	attribute	TI	The departure time of the vessel. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM = Minutes. Values must conform to UTC standards.)	C		
ers:DEP	37	Port name	attribute	PO	The port code of the port from which the vessel is departing. Fixed format defined by the pattern: "CCPPP" (CC = ISO alpha-2 country code, PPP = 3 letter port code.) Port code list to be found at the EC ERS web site. (http://ec.europa.eu/fisheries/cfp/control_enforcement/ers_en.htm)	C		
ers:DEP	38	Anticipated activity	attribute	AA	The anticipated activity of the vessel for the departing voyage. Code list of defined anticipated activities to be found at the EC ERS web site. (http://ec.europa.eu/fisheries/cfp/control_enforcement/ers_en.htm)	C		
ers:DEP	38a	Anticipated Activity inside/outside a fishing effort zone/area	attribute	GBRAAZONE	Notice of vessel's intention to fish exclusively inside or outside zone. 'Y' indicates vessel WILL be fishing exclusively outside of the zone. 'N' indicates otherwise.	CIF Fishing in a zone/area		
ers:DEP	39n	Gear on board	element	GEA	(See details of sub-elements and attributes of GEA)	CIF fishing activity intended		
ers:DEP	40	Catch on board sub-declaration (list of species SPE sub-declarations)	element	SPE	(see details of sub-elements and attributes of SPE)	CIF catch on board vessel		

4.4.3.2 Fishing Activity Declaration (FAR)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:FAR	43	Start of fishing activity report declaration	element	FAR	Tag indicating the start of a Fishing Activity Report. Every vessel is required to submit at least one FAR message per day before midnight and additionally in response to requests from the flag state where the fishing is being conducted.	C		
ers:FAR	45	Inspection marker	attribute	IS	Marker indictating that this FAR report was transmitted prior to inspection. Fixed format: "1" if true, "0" or not present otherwise.	CIF inspection occurred		
ers:FAR	46	Date	attribute	DA	The date of the fishing activity being reported. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	C		
ers:FAR	47	Time	attribute	TI	The time of the fishing activity being reported. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM = Minutes. Values must conform to UTC standards.)	O		
ers:FAR	48	Relevant area sub-declaration	element	RAS	(See details of sub-elements and attributes of RAS).	CIF no catch onboard		
ers:FAR	51	Gear sub-declaration	element	GEA	(See details of sub-elements and attributes of GEA)	CIF any undertaken		
ers:FAR	53	Catch sub-declaration (list of species SPE sub-declarations)	element	SPE	(See details of sub-elements and attributes of SPE)	CIF any fish caught		

4.4.3.3 Relocation Declaration (RLC)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:RLC	56	Start of Relocation declaration	element	RLC	Tag indicating the start of a Relocation declaration. This is used when all or part of a catch is moved from a shared fishing gear to a vessel or from a vessel's hold or its fishing gear to a keep net, container or cage (outside the vessel) in which the live catch	C		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
					is kept until landing.			
ers:RLC	57	Date	attribute	DA	The date of the relocation being reported. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	CIF		
ers:RLC	58	Time	attribute	TI	The time of the relocation being reported. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM = Minutes. Values must conform to UTC standards.)	CIF		
ers:RLC	59	Receiving vessel CFR number	attribute	IR	The receiving vessel's Community Fleet Registration number. Fixed format defined by the pattern: "AAAXXXXXXXXX" (AAA = Fully capitalised country code of the vessel's first registration within the EU, XXXXXXXXX = 9 character alphanumeric code.)	CIF joint fishing operation and EU vessel		
ers:RLC	59a	Receiving vessel external id	attribute	GBRRXR	External registration number of the receiving vessel.	CIF		
ers:RLC	60	Receiving vessel radio call sign	attribute	TT	International radio call sign of the receiving vessel	CIF joint fishing operation		
ers:RLC	61	Flag state of receiving vessel	attribute	TC	Flag state of the receiving vessel. Must conform to the ISO alpha-3 country code.	CIF joint fishing operation		
ers:RLC	62	Other Partner Vessel(s) CFR numbers	attribute	RF	With format AAAXXXXXXXXX where A is an uppercase letter being the country of first registration within the EU and X being a letter or a number	CIF joint fishing operation and partner is EU vessel		
ers:RLC	62a	Other partner vessel(s) external id	attribute	GBRPXR	External registration number of the partner vessel.	CIF		
ers:RLC	63	Other Partner vessel(s) radio call signs	attribute	TF	International radio call sign of the partner vessel(s)	CIF joint fishing operation and other partners		
ers:RLC	64	Flag state(s) of other partner vessel(s)	attribute	FC	Flag state of the other partner vessel. Must conform to the ISO alpha-3 country code.	CIF joint fishing operation and other partners		
ers:RLC	64a	Master's name of partner vessel	attribute	GBRPMA	The name of the partner vessel's master.	CIF		
ers:RLC	65	Relocated to	attribute	RT	Three letter code for the relocation destination. (eg: Keep net = "KNE", Cage = "CGE" etc.) List of accepted codes to be found at the EC ERS web site. (http://ec.europa.eu/fisheries/cfp/control_en	CIF		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
					forcement/ers_en.htm)			
ers:RLC	66	POS sub declaration	element	POS	(See details of sub-elements and attributes of POS)	CIF		
ers:RLC	67	Catch sub-declaration (list of species SPE sub-declarations)	element	SPE	(See details of sub-elements and attributes of SPE)	CIF		

4.4.3.4 Transhipment Declaration (TRA)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:TRA	70	Start of Transhipment declaration	element	TRA	Tag indicating the start of a Transshipment declaration message. For every transshipment of catch, a declaration is required from both the donor and the recipient.	C		
ers:TRA	71	Date	attribute	DA	The date of the transshipment being reported. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	C		
ers:TRA	72	Time	attribute	TI	The time of the transshipment being reported. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM = Minutes. Values must conform to UTC standards.)	C		
ers:TRA	74	Port name	attribute	PO	The port code, if the transshipment occurred in a port. Fixed format defined by the pattern: "CCPPP" (CC = ISO alpha-2 country code, PPP = 3 letter port code.) Port code list to be found at the EC ERS web site. (http://ec.europa.eu/fisheries/cfp/control_enforcement/ers_en.htm)	CIF took place in port		
ers:TRA	75	Receiving vessel's CFR number	attribute	IR	The receiving vessel's CFR number, if an EU vessel. Fixed format defined by the pattern: "AAAZZZZZZZZZ" (AAA = three character alphabetical uppercase country code of vessel's first registration, ZZZZZZZZZ = 9 character alphabetical identity string.)	CIF community vessel		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:TRA	75a	Receiving vessel's external id	attribute	GBRRXR	External registration number of the receiving vessel.	CIF		
ers:TRA	76	Transhipment: receiving vessel	attribute	TT	International radio call sign of the receiving vessel, if donor vessel.	C		
ers:TRA	77	Transhipment: flag state of receiving vessel	attribute	TC	Flag state of the receiving vessel. Must conform to the ISO alpha-3 country code.	C		
ers:TRA	78	Donor Vessel's CFR number	attribute	RF	The donor vessel's Community Fleet Registration number. Fixed format defined by the pattern: "AAAXXXXXXXXX" (AAA = Fully capitalised country code of the vessel's first registration within the EU, XXXXXXXXX = 9 character alphanumeric code.)	CIF community vessel		
ers:TRA	78a	Donor Vessel's external id	attribute	GBRDXR	External registration number of the donor vessel.	CIF		
ers:TRA	79	Transhipment: (donor) vessel	attribute	TF	International radio call sign of the donor vessel, if receiving vessel.	C		
ers:TRA	80	Transhipment: flag state of donor vessel	attribute	FC	Flag state of the donor vessel. Must conform to the ISO alpha-3 country code.	C		
ers:TRA	81	POS sub declaration	element	POS	*(See details of sub-elements and attributes of POS)*	CIF required (**) (NEAFC or NAFO waters)		
ers:TRA	82	Catch transhipped (list of species SPE sub-declarations)	element	SPE	*(See details of sub-elements and attributes of SPE)*	C		

4.4.3.5 Entry in Zone Declaration (COE)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:COE	85	Start of Effort declaration: Entry in zone	element	COE	Tag indicating the start of a Crossing (Entry) notification message. Used to declare entry into a stock recovery area or Western Waters.	C		
ers:COE	86	Date	attribute	DA	The date of the entry being reported. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	C		
ers:COE	87	Time	attribute	TI	The time of the entry being reported. Fixed format defined by the pattern: "HH:MM"	C		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
					(HH = Hours, MM = Minutes. Values must conform to UTC standards.)			
ers:COE	88	Target specie(s)	attribute	TS	Species targeted within zone. Fixed format defined by the pattern "X" (X = single character alphabetical species code.) List of accepted codes to be found at the EC ERS web site. (http://ec.europa.eu/fisheries/cfp/control_enforcement/ers_en.htm)	C		
ers:COE	88a	Directed species	attribute	GBRDS	Directed species. Must conform to a single FAO (Fisheries and Agricultural Organisation) species code. Supported as a Norwegian requirement.	CIF Norway		
ers:COE	88b	Fishing effort zone	attribute	GBRFE	The name of the fishing effort zone.	CIF		
ers:COE	89	Relevant area sub-declaration	element	RAS	(See details of sub-elements and attributes of RAS)	CIF Norway		
ers:COE	89a	POS sub declaration	element	POS	*(See details of sub-elements and attributes of POS)*	C		
ers:COE	89b	Transzonal	attribute	GBRTZ	Indicates when a vessel is engaged in transzonal fishing. Fixed format defined by the pattern "Y" or "N". (Y = vessel has engaged in transzonal fishing, N = vessel has not engaged in transzonal fishing.)	C		
ers:COE	90	Catch on board sub-declaration (list of species SPE sub-declarations)	element	SPE	*(See details of sub-elements and attributes of SPE)*	CIF Norway		

4.4.3.6 Exit from Zone Declaration (COX)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:COX	92	Start of Effort declaration: Exit out of zone	element	COX	Tag indicating the start of a Crossing (Exit) notification message. Used to declare exit out of a stock recovery area or Western Waters.	C		
ers:COX	93	Date	attribute	DA	The date of the exit being reported. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	C		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:COX	94	Time	attribute	TI	The time of the entry being reported. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM = Minutes. Values must conform to UTC standards.)	C		
ers:COX	95	Target specie(s)	attribute	TS	Species targeted within zone. Fixed format defined by the pattern "X" (X = single character alphabetical species code.) List of accepted codes to be found at the EC ERS web site. (http://ec.europa.eu/fisheries/cfp/control_enforcement/ers_en.htm)	CIF not conducting other fishing activities		
ers:COX	95a	Fishing effort zone	attribute	GBRFE	The name of the fishing effort zone. List of accepted codes to be found at the UK Fisheries web site. (http://www.fishregister.gov.uk/schema/ers/v1)	CIF		
ers:COX	97	Position sub-declaration	element	POS	(See details of sub-elements and attributes of POS)	C		
ers:COX	97a	Transzonal	attribute	GBRTRZ	Indicator of whether a vessel has engaged in transzonal fishing. Fixed format defined by the pattern "Y" or "N". (Y = vessel has engaged in transzonal fishing, N = vessel has not engaged in transzonal fishing.)	C		
ers:COX	98	Catch taken sub-declaration	element	SPE	(See details of sub-elements and attributes of SPE)	O		

4.4.3.7 Control Point Area Report Declaration (GBRCON)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:GBRCON	99a	Start of Control Point Area report declaration	element	GBRCON	Tag indicating the start of a Control Point notification message. Used to make a trans-zonal fishing declaration.	CIF Norway		
ers:GBRCON	99b	Control Point	attribute	GBRCP	Control point the vessel is exiting from. Fixed format defined by the pattern "X9" (X = single character alphabetical in the range A-H, 9 = single digit numerical in the range 1-3.)	CIF Norway		
ers:GBRCON	99c	Date of arrival	attribute	GBRDA	The estimated date of arrival at the control point. Fixed format defined by the pattern:	CIF Norway		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
					"YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)			
ers:GBRCON	99d	Time of arrival	attribute	GBRTI	The estimated time of arrival at the control point. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM = Minutes. Values must conform to UTC standards.)	CIF Norway		
ers:GBRCON	99e	Position sub-declaration	element	POS	(See details of sub-elements and attributes of POS)	CIF Norway		

4.4.3.8 Discard Declaration (DIS)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:DIS	119	Start of Discard declaration	element	DIS	Tag indicating the start of a Discard declaration message. Must be sent at least once per day with an FAR message.	C		
ers:DIS	120	Date	attribute	DA	The date of the discard being reported. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	C		
ers:DIS	121	Time	attribute	TI	The time of the discard being reported. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM = Minutes. Values must conform to UTC standards.)	C		
ers:DIS	122	Position sub-declaration	element	POS	(See details of sub-elements and attributes of POS)	C		
ers:DIS	123	Discarded fish sub-declaration	element	SPE	(See details of sub-elements and attributes of SPE)	CIF		

4.4.3.9 Prior Notification of Return Declaration (PNO)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:PNO	126	Start of Prior Notification	element	PNO	Tag indicating the start of a Prior Notification of Return declaration message.	C		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
					To be transmitted prior to return to port or if required by Community rules.			
ers:PNO	126a	Date of departure	element	GBRDDA	The date of the departure being reported. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	C		
ers:PNO	126b	Time of departure	element	GBRDTI	The time of the departure being reported. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM = Minutes. Values must conform to UTC standards.)	C		
ers:PNO	127	Predicted date	attribute	PD	The estimated date of arrival being reported. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	C		
ers:PNO	128	Predicted time	attribute	PT	The estimated time of arrival being reported. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM = Minutes. Values must conform to UTC standards.)	C		
ers:PNO	129	Port name	attribute	PO	The port code for the port of arrival. Fixed format defined by the pattern: "CCPPP" (CC = ISO alpha-2 country code, PPP = 3 letter port code.) Port code list to be found at the EC ERS web site. (http://ec.europa.eu/fisheries/cfp/control_enforcement/ers_en.htm)	C		
ers:PNO	129a	Location	attribute	GBRLS	Landing location in port. Free text with a maximum of 30 characters)	CIF Norway only and only for landings		
ers:PNO	130	Relevant area sub-declaration	element	RAS	(See details of sub-elements and attributes of RAS).	CIF in the Baltic sea		
ers:PNO	131	Predicted landing date	attribute	DA	The estimated date of landing being reported. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	CIF in the Baltic sea		
ers:PNO	132	Predicted landing time	attribute	TI	The estimated time of landing being reported. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM =	CIF in the Baltic sea		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
					Minutes. Values must conform to UTC standards.)			
ers:PNO	133	Catch on Board sub-declarations (list of species SPE sub-declarations)	element	SPE	(See details of sub-elements and attributes of SPE)	C		
ers:PNO	134	Position sub-declaration	element	POS	(See details of sub-elements and attributes of POS)	CIF		

4.4.3.10 End of Fishing Declaration (EOF)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:EOF	137	Start of Sign off of catch declaration	element	EOF	Tag indicating the start of an End of Fishing declaration message. To be transmitted immediately after last fishing operation and before returning to port and landing fish.	C		
ers:EOF	138	Date	attribute	DA	The date the fishing log is recorded as complete. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	C		
ers:EOF	139	Time	attribute	TI	The time the fishing log is recorded as complete. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM = Minutes. Values must conform to UTC standards.)	C		

4.4.3.11 Return to Port Declaration (RTP)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:RTP	142	Start of Return to port declaration	element	RTP	Tag indicating the start of a Return To Port declaration message. To be transmitted on entry into port, after any PNO declaration and before landing any fish.	C		
ers:RTP	143	Date	attribute	DA	The date the vessel returned to port. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	C		
ers:RTP	144	Time	attribute	TI	The time the vessel returned to port. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM = Minutes. Values must conform to UTC	C		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
					standards.)			
ers:RTP	145	Port name	attribute	PO	The port code for the port the vessel returned to. Fixed format defined by the pattern: "CCPPP" (CC = ISO alpha-2 country code, PPP = 3 letter port code.) Port code list to be found at the EC ERS web site. (http://ec.europa.eu/fisheries/cfp/control_enforcement/ers_en.htm)	C		
ers:RTP	146	Reason for return	attribute	RE	The reason code indicating why the vessel returned to port. Fixed format defined by the pattern: "XXX" (XXX = 3 character alphabetical uppercase code.) Reason code list to be found at the EC ERS web site. (http://ec.europa.eu/fisheries/cfp/control_enforcement/ers_en.htm)	C		

4.4.3.12 Landing Declaration (LAN)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:LAN	149	Start of Landing declaration	element	LAN	Tag indicating the start of a Landing declaration message. To be transmitted after landing of catch.	C		
ers:LAN	150	Date	attribute	DA	The date of the landing being reported. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	C		
ers:LAN	151	Time	attribute	TI	The time of the landing being reported. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM = Minutes. Values must conform to UTC standards.)	C		
ers:LAN	152	Sender type	attribute	TS	Description of the message sender type. Fixed format, the response must be one of: "MAS" (Vessel Master) "REP" (Representative of the Vessel Master) or "AGE" (Agent of the Vessel Master).	C		
ers:LAN	153	Port name	attribute	PO	The port code for the port of landing. Fixed format defined by the pattern: "CCPPP" (CC = ISO alpha-2 country code, PPP = 3 letter port code.) Port code list to be found at the EC ERS	C		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
					web site. (http://ec.europa.eu/fisheries/cfp/control_enforcement/ers_en.htm)			
ers:LAN	154	Catch landed sub-declaration (list of SPE with PRO sub-declarations)	element	SPE	(See details of sub-elements and attributes of SPE)	C		

4.4.4 Electronic Logbook Sub-Declarations Format

Please indicate your product's support for the following sub-declarations. **A supplier must indicate the elements supported by their product in the columns marked in grey.**

4.4.4.1 Position Sub-declaration (POS)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:POS	157	Start of Position sub-declaration	element	POS	Details of a geographical position given in latitude (-90 to 90) and longtitude (-180 to 180).	C		
ers:POS	158	Latitude (decimal)	attribute	LT	Latitude expressed in accordance with the WGS84 format used for VMS	C		
ers:POS	159	Longitude (decimal)	attribute	LG	Longitude expressed in accordance with the WGS84 format used for VMS	C		

4.4.4.2 Gear Deployment Sub-declaration (GEA)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:GEA	162	Start of Gear deployment sub-declaration	element	GEA	Details of a gear deployment.	C		
ers:GEA	163	Gear type	attribute	GE	Gear code corresponding to the FAO's "International Standard Statistical Classification of the Fishing Gear."	C		
ers:GEA	163a	Gear specification	attribute	GBRGS	Norwegian requirement - gear specification (trawls: 1=single, 2=double, 3=triple)	CIF Norway		
ers:GEA	163b	Gear problem	attribute	GBRGP	Norwegian requirement - gear problems (1=empty net, 2=net burst, 3=net split, 4=broken meshes, 5=lost gear, 6=other)	CIF Norway and gear problem		
ers:GEA	164	Mesh Size	attribute	ME	Mesh size, measured in millimeters.	CIF gear has mesh subject to size requirement		
ers:GEA	165	Gear Size	attribute	GC	Gear capacity.	CIF required for type of gear deployed		
ers:GEA	165a	Gear number	attribute	GBRGN	Gear number.	CIF		
ers:GEA	165b	Gear number shot	attribute	GBRTNS	Total number of shots: gill nets and long lines	CIF		
ers:GEA	166	Fishing operations	attribute	FO	Number of fishing operations (hauls) per 24 hour period	CIF if vessel licensed to fish		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
						deep sea stocks		
ers:GEA	167	Fishing time	attribute	DU	Number of hours the gear was deployed	CIF if vessel licensed to fish deep sea stocks		
ers:GEA	168	Gear shot sub-declaration	element	GES	(See details of sub-elements and attributes of GES	CIF required*** (vessel uses static or fixed gear)		
ers:GEA	169	Gear retrieved sub-declaration	element	GER	(See details of sub-elements and attributes of GER)	CIF required*** (vessel uses static or fixed gear)		
ers:GEA	171	Fishing depths	attribute	FD	Fishing depth. The distance from the water surface to the lowest part of the fishing gear, measured in meters. Applies to vessels using towed gear, long lines and fixed nets.	CIF deep sea fishing and in Norwegian waters		
ers:GEA	172	Average number of hooks used on longlines	attribute	NH	The average number of hooks used on the long lines	CIF deep sea fishing and in Norwegian waters		
ers:GEA	173	The average length of the nets	attribute	GL	The average length of the nets used when using fixed nets, measured in metres.	CIF deep sea fishing and in Norwegian waters		
ers:GEA	174	The average height of the nets	attribute	GD	The average height of the nets used when using fixed nets, measured in metres.	CIF deep sea fishing and in Norwegian waters		
ers:GEA	174a	Nominal length of one net	attribute	NL	The nominal length of one net, measured in metres.	CIF gill nets		
ers:GEA	174b	Number of nets	attribute	NN	Number of nets in a fleet	CIF gill nets		
ers:GEA	174c	Number of fleets	attribute	FL	Number of fleets deployed	CIF gill nets		
ers:GEA	174d	Total length of gill nets on board	attribute	GBRGNT	Total number of gill nets on board at time of departure	CIF gill nets		
Ers:GEA	174e	Gear loss sub-declaration	element	GLS	(See details of sub-elements and attributes of GLS)	CIF		

4.4.4.3 Gear Shot Sub-declaration (GES)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:GES	177	Start of Position sub-declaration	element	GES	Tag containing gear shot info	C		
ers:GES	178	Date	attribute	DA	The date of the gear-shot event being reported. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	C		
ers:GES	179	Time	attribute	TI	The time of the gear-shot event being reported. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM = Minutes. Values must conform to UTC standards.)	C		
ers:GES	179a	Start zone	attribute	GBRZO	Indicator of where zone fishing will be commencing. Fixed format defined by the options: "XJM" (fishing commences in Jan Mayan) or "XSV" (fishing commences in Svalbard). Data recorded in accordance with Norwegian requirements.	CIF Norway		
ers:GES	180	POS sub-declaration	element	POS	(See details of sub-elements and attributes of POS)	C		
ers:GES	180a	Gill net fleet deployed	element	GBRGNFN	Unique reference number identifying the gill net fleet deployed.	CIF gill nets deployed		
ers:GES	180b	Depth of gill net fleet deployed	element	FD	Fleet depth indicating the depth for each fleet deployed. (Measured as the distance from the water surface to the lowest part of the fishing gear.)	CIF gill nets deployed		

4.4.4.4 Gear Retrieved Sub-declaration (GER)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:GER	183	Start of Position sub-declaration	element	GER	Tag containing gear retrieved info	C		
ers:GER	184	Date	attribute	DA	The date of the gear retrieval being reported. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	C		
ers:GER	185	Time	attribute	TI	The time of the gear retrieval being reported. Fixed format defined by the pattern: "HH:MM" (HH = Hours, MM =	C		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
					Minutes. Values must conform to UTC standards.)			
ers:GER	186	POS sub-declaration	element	POS	(See details of sub-elements and attributes of POS)	C		
ers:GER	186a	Gill net fleet retrieved	attribute	GBRGNFN	Unique reference number identifying the gill net fleet retrieved.	CIF gill nets deployed		
ers:GER	186b	Soak time gill net fleet deployed	attribute	ST	Soak time of each gill net fleet deployed, measured in hours.	CIF gill nets deployed		

4.4.4.5 Gear Loss Sub-declaration (GLS)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:GLS	197	Start of GLS sub declaration	element	GLS	Data on fixed gear lost	C		
ers:GLS	198	Date gear lost	attribute	DA	The date of the gear loss event being reported. Fixed format defined by the pattern: "YYYY-MM-DD" (YYYY = Year, MM = Month, DD = Date. Values must conform to UTC standards.)	C		
ers:GLS	199	Number of units	attribute	NN	Numerical value indicating the quantity of gear lost.	C		
ers:GLS	200	POS sub-declaration	element	POS	(See details of sub-elements and attributes of POS)	C		
ers:GLS	200a	Gill net fleet lost	attribute	GBRGNFN	Unique reference number identifying the gill net fleet lost.	C		

4.4.4.6 Relevant Area Sub-declaration (RAS)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:RAS	202a	Start of Relevant area sub-declaration	element	RAS	The relevant area sub-declaration. Dependent upon the reporting requirement, at least one field should be filled in. List of accepted codes to be found at the EC ERS web site. (http://ec.europa.eu/fisheries/cfp/control_enforcement/ers_en.htm)	C		
ers:RAS	203	FAO area	attribute	FA	The FAO area. (Eg. "27")	C		
ers:RAS	204	FAO (ICES) sub-area	attribute	SA	The FAO sub-area. (Eg. "3")	C		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:RAS	205	FAO (ICES) division	attribute	ID	FAO (ICES) division (e.g. "d")	CIF		
ers:RAS	206	FAO (ICES) sub- division	attribute	SD	FAO (ICES) sub-division (e.g. "24") (Meaning together with the above 27.3.d.24)	CIF		
ers:RAS	207	Economic zone	attribute	EZ	The economic zone	CIF		
ers:RAS	208	Ices statistical rectangle	attribute	SR	ICES statistical rectangle (e.g. "49E6")	CIF		
ers:RAS	210	Position Sub declaration	element	POS	*(See details of sub-elements and attributes of POS).*	CIF		

4.4.4.7 Species Sub-declaration (SPE)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:SPE	213	Start of SPE sub-declaration	element	SPE	Details of fish caught by species	C		
ers:SPE	214	Species name	attribute	SN	Must conform to a single FAO (Fisheries and Agricultural Organisation) species code. Species code list to be found at the EC ERS web site. (http://ec.europa.eu/fisheries/cfp/control_enforcement/ers_en.htm)	C		
ers:SPE	215	Weight of fish	attribute	WT	Depending on context, this data item is to be either: 1. Total weight of fish (in kilograms) in catch period. 2. Total weight of fish (in kilograms) on board (aggregate) or 3. Total weight of fish (in kilograms) landed.	CIF species not counted		
ers:SPE	215a	Weight of fish to be landed / transhipped	attribute	GBRWT	Estimated weight of fish to be landed (in kgs). Relevant when reporting PNO.	CIF		
ers:SPE	216	Number of fish	attribute	NF	Number of fish in catch. Completed when catch is measured in 'numbers of fish'.	C		
ers:SPE	216a	Number of fish to be landed/transhipped	attribute	GBRLNF	Estimated number of fish landed. Relevant when reporting PNO.	CIF		
ers:SPE	217	Quantity held in nets	attribute	NQ	Estimated quantity of fish held in nets. (ie. not held in hold)	O		
ers:SPE	218	Number held in nets	attribute	NB	Estimated number of fish held in nets. (ie. not held in hold)	O		

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:SPE	219	Relevant area sub-declaration	element	RAS	(See details of sub-elements and attributes of RAS).	C		
ers:SPE	220	Gear type	attribute	GE	Gear code corresponding to the FAO's "International Standard Statistical Classification of the Fishing Gear."	CIF landing declaration for certain species and catch areas		
ers:SPE	221	Processing sub-declaration	element	PRO	*(See details of sub-elements and attributes of PRO)*	CIF for landing (transhipment) declaration		

4.4.4.8 Processing Sub-declaration (PRO)

Item	Ref No	Feature - Element or attribute name	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
ers:PRO	224	Start of Processing sub-declaration	element	PRO	Tag containing fish processing details. Processing/presentation for each species landed.	C		
ers:PRO	226	State of preservation	attribute	PS	Letter code for the Preservation State of the fish. (Eg. 'live', 'frozen', 'salted', etc.) Preservation state code list to be found at the EC ERS web site. (http://ec.europa.eu/fisheries/cfp/control_enforcement/ers_en.htm)	C		
ers:PRO	227	Presentation of fish	attribute	PR	Letter code for the Product Presentation, which reflects the manner of processing. Presentation code list to be found at the EC ERS web site. (http://ec.europa.eu/fisheries/cfp/control_enforcement/ers_en.htm)	C		
ers:PRO	228	Processing's type of packaging	attribute	TY	3 letter code (CRT=cartons, BOX=boxes, BGS=bags, BLC=blocks)	C		
ers:PRO	229	Number of packing units	attribute	NN	Number of packing units. (ie. cartoons, boxes, bags, containers, blocks etc.)	C		
ers:PRO	230	Av weight per unit of packing	attribute	AW	Average product weight, measured in Kg.	C		
ers:PRO	231	Conversion factor	attribute	CF	Conversion factor. A numerical factor that is applied to convert fish processed weight into fish live weight.	O		

4.4.5 ELSS XML Schemas

This section describes the UK Fishing Vessel's Electronic Logbook Functional Requirements Specification XML Schema Definitions (XSDs). A supplier must indicate the elements supported by their ELSS product in the columns marked in grey.

Item	Ref No	Feature	XML Syntax	Code	Description and content	Status	Support Y|N|N/A	Notes
-	-	UK Vessels XML Schema { ers-1.0-UK.xsd }	XSD	-	Definition of the general structure of all the electronic messages that can be exchanged between Member States	C		
-	-	UK ERS Codes Schema { ers-codes-1.0.xsd }	XSD	-	Definition of predefined codes that can be used for reporting (country codes, currency codes, fish size categories, fish presentation, FAO gear codes, etc...)	C		

4.4.6 ELSS Capture Functions

This section provides the product supplier to provide details of the features of the ELSS product to capture data and print hard copies of reporting required by UK Fisheries. **A supplier must indicate how the following functional requirements are supported by their product in the columns marked in grey.**

Item	Description	Status	Support Y|N|N/A	Notes
Capture-001	Product MUST provide data capture screens for the entry of the logbook, transhipment and landing declaration data that is required to be transmitted to the UK fisheries administrations' ERS system.	C		
Capture-002	Product MUST provide a means for fisherman to manually enter required Electronic Logbook and Landing Declaration information.	C		
Capture-003	Product MAY provide automated features for populating the Electronic Logbook information (e.g. interfacing with a GPS feature for inserting the location, date, time etc). { Please list systems in the Notes field }	O		
Capture-004	Product SHOULD provide Man-Machine Interface factors suitable for operation of the ELSS on a moving/swaying platform	O		
Capture-005	Product MUST use English (UK) localization for all UK Electronic Logbook features.	C		
Capture-006	Product MUST use UTC for all dates and times	C		
Printing-001	**P**roduct MUST provide a means to provide a hard copy print out of the Electronic Logbook and Landing Declaration using an onboard printer.	C		
Printing-002	Product MAY provide an electronic copy of the Electronic Logbook or Landing Declaration to be transmitted and printed on-shore.	O		
Printing-003	Product MUST provide a means so that electronic print files are protected so that they are not able to be modified in any way once generated and distributed	CIF Printing-003		
Printing-004	Product MAY provide features to facilitate other print requirements, including: ▪ Generation of hard copies of the Electronic Logbook when fishing in 3rd country or Regional Fisheries waters, e.g. NAFO, Faroese and Norwegian waters. ▪ Generation of a hard copy Electronic Logbook or landing declaration as a transport or takeover document. Generation of a hard copy for providing regulatory return	O		

Item	Description	Status	Support Y|N|N/A	Notes
	for Cod and Hake effort reporting.			

4.4.7 ELSS Data Transmission Features

This section provides the product supplier to provide details of the transmission features, transport protocols and security features for their ELSS product. **A supplier must indicate the elements supported by their product in the columns marked in grey.**

Item	Description	Status	Support Y|N|N/A	Notes
VMS-001	Provide details of the Vessel Monitoring System options used to send Electronic Logbook information to the UK ERS.	-	-	
Tranmission-001	Product MUST enable the transmission of the required reports by an on-board email system eg by generating the data for transmission as xml documents attached to email for the email system deployed to be sent to an email address of the UK fisheries administrations' ERS system .	C		
Tranmission-002	Product MUST use the Electronic Logbook filename syntax based on the GBRRN attribute i.e. [RSSNumber][YYYYMMDD][999999]	C		
Transmission-003	Product MUST encrypt the Electronic Logbook XML file using the UK Fisheries public PGP key when sent as an email attachment	C		Alternatives may be offered and deployed subject to satisfactory testing and acceptance by the UKFAs
Transmission-004	Supplier MAY provide details of other transmission methods supported by the ELSS product which should be considered by UK Fisheries for future release of the ERS	O		
Transmission-005	Product MUST provide a means whereby the system can track whether the submitted Electronic Logbook report has been successfully transmitted to the ERS systems and to track whether an acknowledgment has been received for each transmission.	C		
Transmission-006	Product MUST provide for a test mode of operation to enable the fishermen and the UK fisheries administrations to carry out test transmissions.	C		

4.4.7.1 Frequency of Transmission

This section provides the product supplier to provide details of the features of the ELSS product that prompt the fisherman to send information in compliance to the frequency of reporting required by UK Fisheries. **A supplier must indicate how the following functional requirements are supported by their product in the columns marked in grey.**

Item	Description	Status	Support Y|N|N/A	Notes
Frequency-001	Product MUST provide a means to ensure that Electronic Logbook is transmitted to the UK ERS at least on a daily basis not later than 24:00 hours even when there is no catch data *with the proviso that if the vessel is in port, has no fish on board and has submitted a landing declaration, transmission may be suspended subject to prior notification to the Fisheries Monitoring Centre of the flag Member State. Transmission shall be resumed when the vessel leaves port*.	C		
Frequency-002	Product MUST provide a means to transmit the Electronic Logbook at the time of completion in response to a UK fishing administration request	C		
Frequency-003	Product MUST provide a means to transmit the Electronic Logbook immediately after the last fishing operation has been completed.	C		
Frequency-004	Product MUST provide a means of sending the Electronic Logbook before entering into port.	C		
Frequency-005	Product MUST provide a means of sending the Electronic Logbook immediately on departing a port.	C		
Frequency-006	Product MUST provide a means of sending the Electronic Logbook at the time of inspection at sea.	C		
Frequency-007	Product MUST provide a means of sending the Electronic Logbook at the time of events defined in Community legislation or by the UK fisheries administrations	C		
Frequency-008	Product MUST provide a means of sending a transhipment electronic logbook data immediately after the transhipment	C		
Frequency-008	Product MUST provide a means of sending a transhipment electronic logbook data immediately on completion of a Landing Declaration			
Frequency-009	Product MAY use stored zone definitions to provide an alarm for the Master to prepare a report or to generate a	O		

Item	Description	Status	Support Y|N|N/A	Notes
	report from catch data already stored e.g. exiting zone report.			

4.4.8 ELSS System Features

This section provides the product supplier to provide details of the features of the ELSS product relating to baseline usability features required by UK Fisheries for the product. **A supplier must indicate** how the following functional requirements are supported by their product in the columns marked in grey.

Item	Description	Status	Support Y|N|N/A	Notes
ELSS-Features-001	Product MUST retain all logbook reports and any corrections on the system at least until the end of each trip, i.e. on submission for transmission of the electronic landing declaration or of a transhipment report	C		
ELSS-Features-002	Software updates for a product MUST NOT impact upon requirements described in Council Regulation (EC) No. 1966/2006 and commission Regulation (EC) No. 1077/2008	C		
ELSS-Features-003	Product MUST: ▪ provide a unique ID for the master of each vessel; ▪ provide a means for the Master to assign a unique ID to each person with computer access; ▪ provide a means for each unique ID to authenticate (e.g. with a password or passphrase or token) before accessing the system. ▪ associate an Electronic Logbook report with a unique User ID ▪ record a legal acknowledgement from the user entering the data for the Electronic Logbook record	C		
ELSS-Features	Product MUST only to be supplied for use at sea and loaded onto an onboard system and is not to be provided for onshore use by agents or representatives	C		

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5 Product Commercial Description

A product supplier will be provided with the opportunity to publish details of their ELSS Approved product on the ELSS Approved Product Register on the UK Fisheries public website. This section allows a product supplier to provide a commercial description of their ELSS Approved product which will appear on the ELSS Approved Product Register.

Reference to the product will be listed using details marked in Section 2 of this document:

Commercial Product Name	<*e.g. Widget* >
Commercial Product Model Number **(if different from product name)**	<*e.g. Widget A123*>
Organization / Company Name	<*e.g Acme Ltd*>

Submission of this data by a product supplier is optional.

If the product successfully completes the ELSS Approval process, would you like the product listed on the UK Fisheries public website?	< *YES* | *NO* >

Please specify how the product should be referred to on the UK Fisheries public website:

Please specify any additional Instructions for publishing on the UK Fisheries public website:

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6 Statement of Conformance

By signing below I verify that my company has adhered to the procedures defined within this document and that I personally attest to all claims put forward by my company within this document. I also acknowledge through my signature that I have the authority to enter my company into a declaration such as this.

Name:	
Signature:	
Title:	
Company:	
Date:	

7 References

7.1 Normative References

[1] COMMISSION REGULATION (EC) No 1966/2006 of 21 November 2006
http://ec.europa.eu/fisheries/cfp/control_enforcement/ers/guidelines_en.pdf

[2] COMMISSION REGULATION (EC) No 1077/2008 of 3 November 2008
http://ec.europa.eu/fisheries/cfp/control_enforcement/ers/guidelines_en.pdf

[3] ERS Guidelines document: Data Exchanges between Member States
http://ec.europa.eu/fisheries/cfp/control_enforcement/ers/guidelines_en.pdf

7.2 Definitions

Definition	Description
Approved Product Register	A web-based record of all approved products, which is maintained by UK Fisheries
Approval Validation	The operation of independently validating the product submitted for approval through auditing and testing.
Product Profile	A statement made by the supplier of an implementation or system claimed to conform to the ERS eLogbook specification, stating which capabilities have been implemented, including which optional features are supported.
Static Conformance Requirement	A definition of the compulsory and optional behaviour a product must implement in order to be considered conformant to the ERS eLogbook specification.

7.3 Abbreviations

Acronym	Definition
ERS	Electronic Recording and Reporting Systems
ELSS	Electronic Logbook Software System
MS	European Union Member States
SDF	Self Declaration Form
XML	eXtensible Markup Language
XSD	XML Schema Definition

8 Document Changes

Between	And	Description of changes
v1.0	v1.1	1. Gear loss sub-declaration (GLS) [Ref No.: 174e] moved from Fishing Activity Declaration (FAR) [Section: 4.4.3.2] to Gear Deployment Sub-declaration (GEA) [Section: 4.4.4.2] 2. Description and content for all items aligned to comments in xsd (ers-1.1-uk.xsd)