

**38<sup>th</sup> ANNUAL MEETING – SEPTEMBER 2016****Electronic Notification and Authorization (Article 25)  
and Electronic Catch Reporting (Article 28)**

The NAFO Conservation and Enforcement Measures prescribe electronic notification and authorization in Article 25 and electronic catch reporting in Article 28. Details regarding data elements and required information in various reports are indicated in the tables in Annexes II.C to II.G. It has become apparent that ambiguous definitions relating to certain data elements, coupled with the lack of some tangible examples, have contributed to inconsistencies in electronic reporting by Contracting Parties.

During the 2015 STACTIC Intersessional, this matter was referred to the JAGDM group for clarification and advice with a view to amending the pertinent tables in the Annexes with clear definitions and tangible examples of the correct reporting format.

JAGDM tasked representatives from Norway and Canada with reviewing the Annexes to identify data elements requiring improvement and to propose new definitions and examples of the required format. This proposal focuses on some minor but important changes to Annex II.D. Part C, Annexes II.E, and II.F. Concentration was placed on the data field codes SQ, DA, TI, RN, RD and RT, and wording to encapsulate the process when vessel reports are forwarded to the NAFO Secretariat via the flag State Fisheries Monitoring Centre (FMC). Additional references to other Annexes have been included as well to better understand the proposed changes.

Below are the edits recommended by JAGDM to help clarify the data elements.



## Annex II.D

**C. Format for electronic exchange of fisheries monitoring information  
(The North Atlantic Format)**

Category	Data Element	Field code	Type	Contents	Definitions
System	Start Record	SR			Indicates start of the record
Details	End Record	ER			Indicates end of the record
	Return Status	RS	Char*3	Codes	ACK / NAK = Acknowledged / Not Acknowledged
	Return Error Number	RE	Num*3	001 - 999	Codes indicating errors as received at operation centre, see Annex II.D.D(2)
Message	Address destination	AD	Char*3	ISO-3166 Address	Address of the party receiving the message, "XNW" for NAFO
Details	From	FR	Char*3	ISO-3166 Address	Address of the transmitting party, (Contracting Party)
	Type of Message	TM	Char*3	Code	Code for the message type
	Sequence Number	SQ	Num*6	NNNNNN	<u>Serial number of messages sent from a vessel to the final destination (XNW). It is unique for each vessel for a calendar year. At the beginning of the current year this value will be reset to 1 for each vessel and will increment at the sending of each message. Message serial number</u>
	Record Number	RN	Num*6	NNNNNN	<u>Serial number of records sent from the FMC to XNW. It is unique for each FMC for a calendar year. At the beginning of the current year this value will be reset to 1 and will increment at the sending of each record. Serial number of the record in the relevant year</u>
	Record Date	RD	Num*8	YYYYMMDD	Year, month and <u>date</u> day in UTC <u>from the FMC</u>
	Record Time	RT	Num*4	HHMM	Hours and minutes in UTC <u>from the FMC</u>
	Date	DA	Num*8	YYYYMMDD	Year, month and <u>date</u> day in UTC of first transmission. In cases of RET messages first transmission is from the FMC, in all other cases first transmission is from the vessel, mostly at the vessel (For RET at the FMC)
	Time	TI	Num*4	HHMM	Hours and minutes in UTC of first transmission. In cases of RET messages first transmission is from the FMC, in all other cases first transmission is from the vessel, mostly at the vessel (For RET at the FMC)
	Cancelled report	CR	Num*6	NNNNNN	<u>Record</u> Number of the record to be cancelled
Year of the report cancelled	YR	Num*4	NNNN	Year <u>in UTC</u> of the report to be cancelled	
Vessel	Radio Call Sign	RC	Char*7	IRCS Code	International Radio Call Sign of the vessel
Registration	Vessel name	NA	Char*30		Name of the vessel
Details	Ext. registration	XR	Char*14		Side Number of the vessel
	Flag State	FS	Char*3	ISO-3166	State of registration
	Contracting Party internal ref. number	IR	Char*3 Num*9	ISO-3166 +max. 9N	Unique vessel number attributed by the flag State in accordance with registration
	Port Name	PO	Char*20		Port of registration of the vessel/homeport
	Vessel Owner	VO	Char*60		Name and address of the vessel owner
	Vessel Charterer	VC	Char*60		Name and address of the vessel charterer
Vessel IMO Number	IMO Number	IM	Num*7	NNNNNNN	IMO ship identification number

Vessel Character. Details	Vessel Tonnage Unit	VT	Char*2 Num*4	"OC"/"LC" Tonnage	According to: "OC" OSLO 1947 Convention /"LC" LONDON ICTM-69
	Vessel Power Unit	VP	Char*2 Num*5	0-99999	Total main engine power in "KW"
	Vessel Length	VL	Char*2 Num*3	"OA" Length in meters	Unit "OA" length overall. Total length of the vessel in meters, rounded to the nearest whole meter
	Vessel Type	TP	Char*3	Code	As listed in Annex II.I
	Fishing Gear	GE	Char*3	FAO Code	International Standard Statistical Classification of the Fishing Gear as Annex II.J
Authorization details	Start Date	SD	Num*8	YYYYMMDD	Licence detail; date on which the authorization starts
	End Date	ED	Num*8	YYYYMMDD	Licence detail; date on which the authorization ends
	Targeted species and Area	TA	Char*3 Char*10	Stock specifications, FAO Species code and NAFO defined area code or "ANY"	Species and area allowed for directed fishery. Regulated species of Annex I.A or I.B must refer to the stock specification. For unregulated species use Sub Area or division or "ANY". Allow for several pairs of fields. e.g. //TA/GHL 3LMNO COD 3M RED 3LN RED 3M HER ANY//
Activity Details	Latitude	LA	Char*5	NDDMM (WGS-84)	e.g. //LA/N6235 = 62°35' North
	Longitude	LO	Char*6	E/WDDMM (WGS-84)	e.g. //LO/W02134 = 21°34' West
	Latitude (decimal)	LT	Char*7	+/-DD.ddd	Value negative if latitude is in the southern hemisphere <sup>1</sup> (WGS84)
	Longitude (decimal)	LG	Char*8	+/-DDD.ddd	Value negative if longitude is in the western hemisphere <sup>1</sup> (WGS84)
	Trip Number	TN	Num*3	001-999	Number of the fishing trip in current year
	Catch Species Quantity	CA	Char*3 Num*7	FAO species code 0-9999999	Daily catch by species and by Division, retained on board, in kilograms live weight
	Quantity onboard Species Quantity	OB	Char*3 Num*7	FAO species code 0-9999999	Total quantity by species on board the vessel at the moment of sending the hail message concerned in kilograms live weight
	Discard Species Quantity	RJ	Char*3 Num*7	FAO species code 0 - 9999999	Catch discarded by species and by Division in kilograms live weight
	Undersize Species Quantity	US	Char*3 Num*7	FAO species code 0 - 9999999	Undersize catch by species and by Division in kilograms live weight
	Transferred species Species Quantity	KG	Char*3 Num*7	FAO species code 0-9999999	Information concerning the quantities transferred between vessels by species in kilograms live weight rounded to the nearest 100 Kg. whilst operating in the R.A.
	Relevant Area	RA	Char*6	ICES/NAFO Codes	Code for the relevant fishing area
	Directed Species	DS	Char*3	FAO species codes	Code for the species the vessel is targeting. Allow for several species, separated by a space. e.g. //DS/species species species//
	Observer on board	OO	Char*1	Y or N	Presence of a compliance observer on board
	Transhipped From	TF	Char*7	IRCS Code	International Radio Call Sign of the donor vessel
	Transhipped To	TT	Char*7	IRCS Code	International Radio Call Sign of the receiving vessel
	Master Name	MA	Char*30		Name of the vessels master
	Coastal State	CS	Char*3	ISO-3166 3 Alpha Code	Coastal State of Port of Landing
	Predicted Date	PD	Num*8	YYYYMMDD	Estimated date UTC when the master intends to be in

					port
	Predicted Time	PT	Num*4	HHMM	Estimated time UTC when the master intends to be in port
	Port Name	PO	Char*20		Name of the actual port of landing
	Speed	SP	Num*3	Knots*10	e.g. //SP/105 = 10.5 knots
	Course	CO	Num*3	360° degree scale	e.g. //CO/270 = 270
	Chartering Flag Catches	CH	Char*3	ISO-3166	Flag of Chartering Contracting Party
	Area of Entry	AE	Char*6	ICES/NAFO Codes	NAFO Division entering into
	Days fished	DF	Num*3	1-365	Number of days the vessel spent in the fishing zone during the trip.
	Apparent Infringement	AF	Char*1	Y or N	For onboard observer to report his observations
	Mesh Size	ME	Num*3	0 - 999	Average mesh size in millimetres
	Production	PR	Char*3	Code	Code for the production Annex II.K
	LogBook	LB	Char*1	Y or N	For onboard observer to approve the entries in the vessels logbook
	Hails	HA	Char*1	Y or N	For onboard observer to approve the hails sent from the vessel
	Observer Name	ON	Char*30	Text	Name of the onboard observer
	Free Text	MS	Char*255	Text	Activity detail; for further comments by observer

<sup>1</sup> The plus sign (+) does not need to be transmitted; leading zeros can be omitted.

## Annex II.E VMS Data Format

Format specifications when sending reports from FMC to NAFO (XNW) see also Annex II.D.A,II.D.B,II.D.C and II.D.D.1

Data Element	Field Code	Mandatory / Optional	Remarks
Start record	SR	M	System detail; indicates start of record
Address	AD	M	Message detail; destination; "XNW" for NAFO
<u>From</u>	<u>FR</u>	<u>M</u>	<u>Message detail; Name of transmitting Party (ISO-3)</u>
<u>Sequence Number</u>	<u>SQ</u>	<u>M<sup>1</sup></u>	<u>Message detail; message serial number in current year</u>
<u>Record Number</u>	<u>RN</u>	<u>M</u>	<u>Message detail; Unique serial number starting at 1 each year for records sent from the FMC to (XNW) (See also Annex II.D.C)</u>
<u>Record Date</u>	<u>RD</u>	<u>M</u>	<u>Message detail; Year, month and day in UTC of the record transmission from the FMC</u>
<u>Record Time</u>	<u>RT</u>	<u>M</u>	<u>Message detail; Hours and minutes in UTC of the record transmission from the FMC</u>
Type of Message	TM <sup>4</sup>	M	Message detail; message type, "POS" as Position report/message to be communicated by VMS or other means by vessels with a defective satellite tracking device
Radio call sign	RC	M	Vessel registration detail; international radio call sign of the vessel
<u>Sequence Number</u>	<u>SQ</u>	<u>M<sup>1</sup></u>	<u>Message detail; Unique serial number starting at 1 each year for messages sent from a vessel to final destination (XNW) (See also Annex II.D.C) message serial number in current year</u>
Trip Number	TN	O	Activity detail; fishing trip serial number in current year
Vessel Name	NA	O	Vessel registration detail; name of the vessel
Contracting Party Internal Reference Number	IR	O	Vessel registration detail. Unique Contracting Party vessel number as ISO-3 flag State code followed by number
External Registration Number	XR	O	Vessel registration detail; the side number of the vessel
Latitude	LA	M <sup>2</sup>	Activity detail; <u>Latitude at the fixing of the position transmitted from the vessel position at time of transmission</u>
Longitude	LO	M <sup>2</sup>	Activity detail; <u>Longitude at the fixing of the position transmitted from the vessel position at time of transmission</u>
Latitude (decimal)	LT	M <sup>3</sup>	Activity detail; <u>Latitude at the fixing of the position transmitted from the vessel position at time of transmission</u>
Longitude (decimal)	LG	M <sup>3</sup>	Activity detail; <u>Longitude at the fixing of the position transmitted from the vessel position at time of transmission</u>
Speed	SP	M	Activity detail; <u>Speed at the fixing of the position transmitted from the vessel time of transmission</u>
Course	CO	M	Activity detail; <u>Course at the fixing of the position transmitted from the vessel time of transmission</u>
Date	DA	M	Message detail; <u>UTC date of the fixing of the position transmitted from the vessel date of transmission</u>
Time	TI	M	Message detail; <u>UTC time of the fixing of the position transmitted from the vessel time of transmission</u>
End of record	ER	M	System detail; indicates end of the record

<sup>1</sup> Optional in case of a VMS message.

<sup>2</sup> Mandatory for manual messages.

<sup>3</sup> Mandatory for VMS messages.

<sup>4</sup> Type of message shall be "ENT" for the first VMS message from the Regulatory Area as detected by the FMC of the Contracting Party.

Type of message shall be "EXI" for the first VMS message from outside the Regulatory Area as detected by the FMC of the Contracting Party, and the values for latitude and longitude are, in this type of message, optional.

Type of message shall be "MAN" for reports communicated by vessels with a defective satellite tracking device in accordance with Article 29.8.

## Annex II.F

**Format for the Communication of Catches and Reports by Fishing Vessels, and when forwarded by Contracting Parties to the Secretary**

- 1) The sequence of messages that fishing vessels shall communicate electronically via the FMC to the Secretariat shall be as follows:

<b>Report</b>	<b>Code</b>	<b>Requirements for the field</b>
Catch on Entry	COE	6 hours in advance of the vessels entry into the RA.
Entry	ENT	The first position report from a vessel detected to be inside the RA.
Position	POS	Position report every hour
Catch	CAT	Reporting of catches; on a daily basis, for all species by Division.
Cross Boundary	COB	Reporting of catches; prior to crossing the boundary to 3L as appropriate.
Transshipment	TRA	Report on quantities to be on-loaded (receiving vessel) or off-loaded (donor vessel), for each transshipment.
Catch on Exit	COX	6 hours in advance of the vessels departure from the RA.
Exit	EXI	The first position report from a vessel detected to be outside the RA.
Port of Landing	POR	Report (receiving vessel) on catch onboard to be landed, for each landing after transshipment.

## 2) "Catch on ENTRY" report

Format specifications when sending reports from FMC to NAFO (XNW) see also Annex II.D.A,II.D.B,II.D.C and II.D.D.1

Data Element	Field Code	Mandatory/Optional	Requirements for the field
Start record	SR	M	System detail; indicates start of record
From	FR	M	<u>Message detail; Address of the transmitting party (ISO- 3) Name of transmitting Party</u>
Address	AD	M	Message detail; destination, "XNW" for NAFO
<del>Sequence Number</del>	<del>SQ</del>	<del>M</del>	<del>Message detail; serial number in current year</del>
<u>Record Number</u>	<u>RN</u>	<u>M</u>	<u>Message detail; Unique serial number starting at 1 each year for records sent from the FMC to (XNW) (See also Annex II.D.C)</u>
<u>Record Date</u>	<u>RD</u>	<u>M</u>	<u>Message detail; Year, month and day in UTC of the record transmission from the FMC</u>
<u>Record Time</u>	<u>RT</u>	<u>M</u>	<u>Message detail; Hours and minutes in UTC of the record transmission from the FMC</u>
Type of Message	TM	M	Message detail; message type, "COE" as Catch on Entry report
<del>Sequence Number</del>	<del>SQ</del>	<del>M</del>	<del>Message detail; Unique serial number starting at 1 each year for messages sent from a vessel to final destination (XNW) (See also Annex II.D.C) -serial number in current year</del>
Radio call sign	RC	M	Vessel registration detail; international radio call sign of the vessel
Trip Number	TN	O	Activity detail; fishing trip serial number in current year
Vessel Name	NA	O	Vessel registration detail; name of the vessel
Master Name	MA	M	Name of the master of vessel
External Registration Number	XR	O	Vessel registration detail; the side number of the vessel
Latitude	LA	M	Activity detail; <del>position</del> <u>Latitude</u> at time of transmission
Longitude	LO	M	Activity detail; <del>position</del> <u>Longitude</u> at time of transmission
Relevant Area	RA	M	NAFO Division into which the vessel is about to enter
Date	DA	M	Message detail; <u>UTC</u> date of transmission <u>from vessel</u>
Time	TI	M	Message detail; <u>UTC</u> time of transmission <u>from vessel</u>
On Board	OB	M	Activity detail; Total quantity by species on board rounded to the nearest 100 kg, upon entry in the RA. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes) + live weight in kilograms (until 9 digits), with each field separated by a space, e.g. //OB/speciesspaceweightspacespeciesspaceweightspace speciesspaceweight//
Observer on board	OO	M	Activity detail; "Yes" or "No"
End of record	ER	M	System detail; indicates end of the record

## Annex II.F

## 3) "Catch" report

Format specifications when sending reports from FMC to NAFO (XNW) see also Annex II.D.A.II.D.B.II.D.C and II.D.D.1

Data Element	Field Code	Mandatory/Optional	Requirements for the field
Start record	SR	M	System detail; indicates start of record
Address	AD	M	Message detail; destination, "XNW" for NAFO
From	FR	M	Message detail; Address of the transmitting party (ISO-3)
<u>Sequence Number</u>	<u>SQ</u>	<u>M</u>	<u>Message detail; serial number in current year</u>
<u>Record Number</u>	<u>RN</u>	<u>M</u>	<u>Message detail; Unique serial number starting at 1 each year for records sent from the FMC to (XNW) (See also Annex II.D.C)</u>
<u>Record Date</u>	<u>RD</u>	<u>M</u>	<u>Message detail; Year, month and day in UTC of the record transmission from the FMC</u>
<u>Record Time</u>	<u>RT</u>	<u>M</u>	<u>Message detail; Hours and minutes in UTC of the record transmission from the FMC</u>
Type of Message	TM	M	Message detail; message type, "CAT" as Daily Catch report
Radio call sign	RC	M	Vessel registration detail; international radio call sign of the vessel
<u>Sequence Number</u>	<u>SQ</u>	<u>M</u>	<u>Message detail; Unique serial number starting at 1 each year for messages sent from a vessel to final destination (XNW) (See also Annex II.D.C)-serial number in current year</u>
Trip Number	TN	O	Activity detail; fishing trip serial number in current year
Vessel Name	NA	O	Vessel registration detail; name of the vessel
Contracting Party Internal Reference Number	IR	O	Vessel registration detail; unique Contracting Party vessel number as ISO-3 flag State code followed by number
External Registration Number	XR	O	Vessel registration detail; the side number of the vessel
Relevant Area	RA	M	Activity detail; NAFO Division
Latitude	LA	M <sup>1</sup>	Activity detail; <u>position- Latitude</u> at time of transmission <u>from the vessel</u>
Longitude	LO	M <sup>1</sup>	Activity detail; <u>position- Longitude</u> at time of transmission <u>from the vessel</u>
Catch  species live weight	CA	M	Activity detail; Catch retained onboard by species and by Division since last CAT report in kilograms rounded to the nearest 100 kilograms. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes)+live weight in kilograms (until 9 digits), with each field separated by a space, e.g. //CA/speciesspaceweightspacspeciespaceweightspacespeciesspaceweightspac//
Discarding  species live weight	RJ	M	Activity detail; Catch discarded by species and by Division since last CAT report, in kg rounded to the nearest 100 kg. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes) + live weight in kilograms (until 9 digits), with each field separated by a space, e.g. //RJ/speciesspaceweightspacspeciespaceweightspacspeciespaceweightspac//
Chartering Flag	CH	M <sup>2</sup>	Flag of Chartering Contracting Party to which the catch must be allocated
Days Fished	DF	M <sup>3</sup>	Activity detail; number of fishing days in the Regulatory Area since last CAT report, as appropriate
Date	DA	M	Message detail; <u>UTC</u> date of transmission <u>from the vessel</u>
Time	TI	M	Message detail; <u>UTC</u> time of transmission <u>from the vessel</u>
End of record	ER	M	System detail; indicates end of the record

<sup>1</sup> Optional if the vessel is subject to satellite tracking in accordance with Article 29.1.

<sup>2</sup> Mandatory if fishing activity under chartering agreement.

<sup>3</sup> By default, the normal reporting period should be 1 day.



## Annex II.F

## 4) "Catch on crossing Boundary" 3L report (for PRA)

Format specifications when sending reports from FMC to NAFO (XNW) see also Annex II.D.A.II.D.B.II.D.C and II.D.D.1

Data Element	Field Code	Mandatory/Optional	Requirements for the field
Start record	SR	M	System detail; indicates start of record
Address	AD	M	Message detail; destination, "XNW" for NAFO
From	FR	M	Message detail; Address of the transmitting party (ISO-3)
<u>Sequence Number</u>	<u>SQ</u>	<u>M</u>	<u>Message detail; serial number in current year</u>
<u>Record Number</u>	<u>RN</u>	<u>M</u>	<u>Message detail; Unique serial number starting at 1 each year for records sent from the FMC to (XNW) (See also Annex II.D.C)</u>
<u>Record Date</u>	<u>RD</u>	<u>M</u>	<u>Message detail; Year, month and day in UTC of the record transmission from the FMC</u>
<u>Record Time</u>	<u>RT</u>	<u>M</u>	<u>Message detail; Hours and minutes in UTC of the record transmission from the FMC</u>
Type of Message	TM	M	Message detail; message type, "COB" for Cross Boundary Catch report
Radio call sign	RC	M	Vessel registration detail; international radio call sign of the vessel
<u>Sequence Number</u>	<u>SQ</u>	<u>M</u>	<u>Message detail; Unique serial number starting at 1 each year for messages sent from a vessel to final destination (XNW) (See also Annex II.D.C)-message serial number in current year</u>
Trip Number	TN	O	Activity detail; fishing trip serial number in current year
Vessel Name	NA	O	Vessel registration detail; name of the vessel
Contracting Party Internal Reference Number	IR	O	Vessel registration detail; unique Contracting Party vessel number as ISO-3 flag State code followed by number
External Registration Number	XR	O	Vessel registration detail; the side number of the vessel
Relevant Area	RA	M	Activity detail; NAFO Division entering from
Latitude	LA	M <sup>1</sup>	Activity detail; <u>position- Latitude</u> at time of transmission <u>from the vessel</u>
Longitude	LO	M <sup>1</sup>	Activity detail; <u>position- Longitude</u> at time of transmission <u>from the vessel</u>
Catch  species live weight	CA	M	Activity detail; Catch retained onboard by species and by Division since last CAT report in kilograms rounded to the nearest 100 kilograms. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes)+live weight in kilograms (until 9 digits), with each field separated by a space, e.g. //CA/speciesspaceweightspacespeciesspaceweightspacespeciesspaceweightspace//
Area of entry	AE	M	Activity detail; NAFO Division entering into
Catch  species live weight	OB	M	Activity detail; Total quantity by species on board rounded to the nearest 100 kg, upon crossing the 3L border. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes) + live weight in kilograms (until 9 digits), with each field separated by a space, e.g. //OB/speciesspaceweightspacespeciesspaceweightspace speciesspaceweight//
Days Fished	DF	M	Activity detail; number of fishing days in the Regulatory Area
Date	DA	M	Message detail; <u>UTC</u> date of transmission <u>from the vessel</u>
Time	TI	M	Message detail; <u>UTC</u> time of transmission <u>from the vessel</u>
End of record	ER	M	System detail; indicates end of the record

<sup>1</sup> Optional if the vessel is subject to satellite tracking in accordance with Article 29.1.

## Annex II.F

## 5) "TRANSHIPMENT" report

Format specifications when sending reports from FMC to NAFO (XNW) see also Annex II.D.A,II.D.B,II.D.C and II.D.D.1

Data Element	Field Code	Mandatory/Optional	Requirements for the field
Start record	SR	M	System detail; indicates start of record
From	FR	M	<a href="#">Message detail; Address of the transmitting party (ISO-3)Name of transmitting Party</a>
Address	AD	M	Message detail; destination, "XNW" for NAFO
<a href="#">Sequence Number</a>	<a href="#">SQ</a>	<a href="#">M</a>	<a href="#">Message detail; message serial number in current year</a>
<a href="#">Record Number</a>	<a href="#">RN</a>	<a href="#">M</a>	<a href="#">Message detail; Unique serial number starting at 1 each year for records sent from the FMC to (XNW) (See also Annex II.D.C)</a>
<a href="#">Record Date</a>	<a href="#">RD</a>	<a href="#">M</a>	<a href="#">Message detail; Year, month and day in UTC of the record transmission from the FMC</a>
<a href="#">Record Time</a>	<a href="#">RT</a>	<a href="#">M</a>	<a href="#">Message detail; Hours and minutes in UTC of the record transmission from the FMC</a>
Type of Message	TM	M	Message detail; message type, "TRA" as Transhipment report
<a href="#">Sequence Number</a>	<a href="#">SQ</a>	<a href="#">M</a>	<a href="#">Message detail; Unique serial number starting at 1 each year for messages sent from a vessel to final destination (XNW) (See also Annex II.D.C)-serial number in current</a>
Radio call sign	RC	M	Vessel registration detail; international radio call sign of the vessel
Trip Number	TN	O	Activity detail; fishing trip serial number in current year
Vessel Name	NA	O	Vessel registration detail; name of the vessel
Name of Master	MA	O	Name of master of vessel
External Registration Number	XR	O	Vessel registration detail; the side number of the vessel
Quantity on-loaded or off-loaded species live weight	KG	M	Quantity by species in the Regulatory Area on-loaded or off-loaded in kilograms rounded to the nearest 100 kilograms. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes)+live weight in kilograms (until 9 digits), with each field separated by a space, e.g.//KG/speciesspaceweightspacespeciesspaceweightspacespeciesspaceweightspace//
Transhipped To	TT	M <sup>1</sup>	Vessel registration detail; International radio call sign of the receiving vessel
Transhipped From	TF	M <sup>1</sup>	Vessel registration detail; International radio call sign of the donor vessel
Latitude	LA	M <sup>2</sup>	Activity detail; estimated latitude where the master intends to do the transhipment
Longitude	LO	M <sup>2</sup>	Activity detail; estimated longitude where the master intends to do the transhipment
Predicted Date	PD	M <sup>2</sup>	Activity detail; estimated date UTC when the master intends to do the transhipment (YYYYMMDD)
Predicted Time	PT	M <sup>2</sup>	Activity detail; estimated time UTC when the master intends to do the transhipment (HHMM)
Date	DA	M	Message detail; <a href="#">UTC date of transmission from the vessel</a>
Time	TI	M	Message detail; <a href="#">UTC time of transmission from the vessel</a>
End of record	ER	M	System detail; indicates end of the record

<sup>1</sup> Whichever one is appropriate

<sup>2</sup> Optional for reports sent by the receiving vessel after the transhipment.

## Annex II.F

## 6) "Catch on EXIT" report

Format specifications when sending reports from FMC to NAFO (XNW) see also Annex II.D.A.II.D.B.II.D.C and II.D.D.1

Data Element	Field Code	Mandatory/Optional	Requirements for the field
Start record	SR	M	System detail; indicates start of record
Address	AD	M	Message detail; destination, "XNW" for NAFO
From	FR	M	<u>Message detail; Address of the transmitting party (ISO-3)Name of transmitting party</u>
<u>Sequence Number</u>	<u>SQ</u>	<u>M</u>	<u>Message detail; message serial number in current year</u>
<u>Record Number</u>	<u>RN</u>	<u>M</u>	<u>Message detail; Unique serial number starting at 1 each year for records sent from the FMC to (XNW) (See also Annex II.D.C)</u>
<u>Record Date</u>	<u>RD</u>	<u>M</u>	<u>Message detail; Year, month and day in UTC of the record transmission from the FMC</u>
<u>Record Time</u>	<u>RT</u>	<u>M</u>	<u>Message detail; Hours and minutes in UTC of the record transmission from the FMC</u>
Type of Message	TM	M	Message detail; "COX" as Catch on Exit report
<u>Sequence Number</u>	<u>SQ</u>	<u>M</u>	<u>Message detail; Unique serial number starting at 1 each year for messages sent from a vessel to final destination (XNW) (See also Annex II.D.C) message serial number in current year from</u>
Radio call sign	RC	M	Vessel registration detail; international radio call sign of the vessel
Trip Number	TN	O	Activity detail; fishing trip serial number in current year
Vessel Name	NA	O	Vessel registration detail; name of the vessel
Master Name	MA	O	Name of master of vessel
External Registration Number	XR	O	Vessel registration detail; the side number of the vessel
Latitude	LA	O <sup>1</sup>	Activity detail; <del>position- Latitude</del> at time of transmission <u>from the vessel</u>
Longitude	LO	O <sup>1</sup>	Activity detail; <del>position- Longitude</del> at time of transmission <u>from the vessel</u>
Relevant Area	RA	M	NAFO area from which the vessel is about to exit
Catch	CA	M	Activity detail; Catch retained onboard by species and by Division since last CAT report in kilograms rounded to the nearest 100 kilograms. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes)+live weight in kilograms (until 9 digits), with each field separated by a space, e.g. //CA/speciesspaceweightspacespeciesspaceweightspaceseightspaceseiesspaceweightspace//
species live weight			
Catch	OB	M	Activity detail; Total quantity by species on board rounded to the nearest 100 kg, upon exit from the RA. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes) + live weight in kilograms (until 9 digits), with each field separated by a space, e.g. //OB/speciesspaceweightspacespeciesspaceweightspaceseiesspaceweight//
species live weight			
Days Fished	DF	O	Activity detail; number of fishing days in the Regulatory Area
Date	DA	M	Message detail; <u>UTC date of transmission from the vessel</u>
Time	TI	M	Message detail; <u>UTC time of transmission from the vessel</u>
End of record	ER	M	System detail; indicates end of the record

<sup>1</sup> Optional if the vessel is subject to satellite tracking in accordance with Article 29.1.

## Annex II.F

## 7) "PORT OF LANDING" report

Format specifications when sending reports from FMC to NAFO (XNW) see also Annex II.D.A.II.D.B.II.D.C and II.D.D.1

Data Element	Field Code	Mandatory/Optional	Requirements for the field
Start record	SR	M	System detail; indicates start of record
From	FR	M	<u>Message detail: Address of the transmitting party (ISO-3)Name of transmitting Party</u>
Address	AD	M	Message detail; destination, "XNW" for NAFO
<u>Sequence Number</u>	<u>SQ</u>	<u>M</u>	<u>Message detail; serial number of the report from the vessel in the relevant year</u>
<u>Record Number</u>	<u>RN</u>	<u>M</u>	<u>Message detail: Unique serial number starting at 1 each year for records sent from the FMC to (XNW) (See also Annex II.D.C)</u>
<u>Record Date</u>	<u>RD</u>	<u>M</u>	<u>Message detail: Year, month and day in UTC of the record transmission from the FMC</u>
<u>Record Time</u>	<u>RT</u>	<u>M</u>	<u>Message detail: Hours and minutes in UTC of the record transmission from the FMC</u>
Type of Message	TM	M	Message detail; message type, "POR"
<u>Sequence Number</u>	<u>SQ</u>	<u>M</u>	<u>Message detail: Unique serial number starting at 1 each year for messages sent from a vessel to final destination (XNW) (See also Annex II.D.C) serial number of the report from the vessel in the relevant year</u>
Radio call sign	RC	M	Vessel registration detail; international radio call sign of the vessel
Trip Number	TN	O	Activity detail; fishing trip serial number in current year
Vessel Name	NA	O	Vessel registration detail; name of the vessel
Name of Master	MA	O	Name of master of vessel
External Registration Number	XR	O	Vessel registration detail; the side number of the vessel
Latitude	LA	M <sup>1</sup>	Activity detail; <del>position</del> -Latitude at time of transmission
Longitude	LO	M <sup>1</sup>	Activity detail; <del>position</del> -Longitude at time of transmission
Coastal State	CS	M	Activity detail; Coastal State of Port of Landing
Name of Port	PO	M	Activity detail; name of Port for landing
Predicted Date	PD	M	Activity detail; estimated date UTC when the master intends to be in port (YYYYMMDD)
Predicted Time	PT	M	Activity detail; estimated time UTC when the master intends to be in port (HHMM)
Quantity to be landed species live weight	KG	M	Activity detail; Quantity by species in kilograms rounded to the nearest 100 kilograms, to be landed in a port. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes)+live weight in kilograms (until 9 digits), with each field separated by a space, e.g.//KG/speciesspaceweightspace speciesspaceweightspacespeciesspaceweightspace//
Quantity on board species live weight	OB	M	Activity detail; Total quantity by species on board rounded to the nearest 100 kg, in advance of landing of the transhipped quantities. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes) + live weight in kilograms (until 9 digits), with each field separated by a space, e.g. //OB/speciesspaceweightspacespeciesspaceweightspace speciesspaceweight//
Date	DA	M	Message detail; UTC date of transmission <u>from the vessel</u>
Time	TI	M	Message detail; UTC time of transmission <u>from the vessel</u>
End of record	ER	M	System detail; indicates end of the record

<sup>1</sup> Optional if a vessel is subject to satellite tracking.

## 8) "CANCEL" report

[Format specifications when sending reports from FMC to NAFO \(XNW\) see also Annex II.D.A,II.D.B,II.D.C and II.D.D.1](#)

Data Element	Field Code	Mandatory/ Optional	Requirements for the field
Start record	SR	M	System detail; indicates start of record
From	FR	M	<a href="#">Message detail; Address of the transmitting party (ISO-3)Name of transmitting Party</a>
Address	AD	M	Message detail; destination, "XNW" for NAFO
<a href="#">Record Number</a>	<a href="#">RN</a>	<a href="#">M</a>	<a href="#">Message detail; Unique serial number starting at 1 each year for records sent from the FMC to (XNW) (See also Annex II.D.C)</a>
<a href="#">Record Date</a>	<a href="#">RD</a>	<a href="#">M</a>	<a href="#">Message detail; Year, month and day in UTC of the record transmission from the FMC</a>
<a href="#">Record Time</a>	<a href="#">RT</a>	<a href="#">M</a>	<a href="#">Message detail; Hours and minutes in UTC of the record transmission from the FMC</a>
Type of Message	TM	M	Message detail; message type, "CAN <sup>1</sup> " as Cancel report
Radio call sign	RC	M	Vessel registration detail; international radio call sign of the vessel
Cancelled report	CR	M	Message detail; the record number of the report to be cancelled
Year of the report cancelled	YR	M	Message detail; year of the report to be cancelled
Date	DA	M	Message detail; <a href="#">UTC</a> date of transmission <a href="#">from the vessel<sup>2</sup></a>
Time	TI	M	Message detail; <a href="#">UTC</a> time of transmission <a href="#">from the vessel<sup>2</sup></a>
End of record	ER	M	System detail; indicates end of the record

<sup>1</sup> Cancel report should not be used to cancel other Cancel report.

<sup>2</sup> [If the report is not sent from a vessel the time will be from the FMC and be the same as RD, RT.](#)