



Fisheries and Oceans
Canada

Pêches et Océans
Canada

Fact sheet

ELOG – Logbook – Lobster

All DFO Regions

(FS-NAT-234-11-EN)

January 30, 2026

Table of contents

1. Introduction	3
2. Applicable form type and form version	3
3. Fact sheet validity date	3
4. Change history	4
5. General Rules	5
5.1 Data transmission	5
5.2 Functional rules	5
5.2.1 Closure of data groups	5
5.2.2 Minimal composition of data groups	5
5.2.3 Restrictions on data groups.....	7
5.2.4 Additional rules concerning the data groups	8
5.2.5 Restrictions on data elements.....	9
5.3 DFO instructions	46
Appendix A: Fishery management areas	47
Appendix B – Position vs Fishery management area	48
Appendix B – Table of valid combinations of Fishery Management areas vs Statistical sections	51
Appendix C - List of valid sub-forms for each administrative region	53

1. Introduction

The fact sheet details the functional rules that client logbook applications must follow based on a specific version of a form and its sub-forms. The fact sheet may also set out instructions that aim to specify the nature of some elements of the logbook.

The business rules contained in this fact sheet apply to the client applications developed to enable the entry of the electronic logbook information identified in Section 2.

The rules in this fact sheet complement those established in the form¹. Data elements that must contain a value in the XML file for all sub-forms are identified using a “Y” in column “REQUIRED?” of the form¹ (see Standard for the development of electronic logbook client applications, section 3.4 for more details on the forms).

A sub-form is a subset of the main form elements. Sub-forms have been developed based on paper logbooks. Fish harvesters will have to select the sub-form. This will allow the client application to limit the list of information requested by DFO depending on the selected sub-form.

Observance of the rules set out in this document and in the form¹ and sub-forms will be verified during the client application qualification process (see [Client application qualification program](#) for details). All rules identified by a rule number must be implemented in the ELOG client application. If the rule is not respected by the user, the ELOG client application must display an error and allow the client to correct the error.

2. Applicable form type and form version

Form type	Form version identifier
ELOG – Logbook – Lobster	234

3. Fact sheet validity date

Version	Valid since	Expiry date
234.1	2022-06-02	2022-06-15
234.2	2022-06-16	2022-08-04
234.3	2022-08-05	2022-09-25
234.4	2022-09-26	2022-11-14
234.5	2022-11-15	2022-11-24
234.6	2022-11-25	2023-10-15
234.7	2023-10-16	2024-06-11
234.8	2024-06-12	2025-05-09
234.9	2025-05-09	2025-05-23
234.10	2025-05-23	2026-01-29
234.11	2025-01-30	

¹ See document 39673.234.NATIONAL - ELOG - Logbook - Lobster - JBE - Journal de bord – Homard.csv

4. Change history

Version	Date	Description of change
234.1	2022-06-02	- Creation of version 234.1
234.2	2022-06-16	- Addition of the following bait types in the list of rule #239 : Flounder, Winter (1298), Squid, Illex (1359) and Flounder, Yellowtail (1385) - Modification of the text the “Data transmission” section
234.3	2022-08-05	- Rule #615 replaced by rules #1011 and #1012
234.4	2022-09-26	- New version of the DFO Instructions documents (Rule #2500)
234.5	2022-11-15	- Wrong node name in rule #608 (typo). Effort_detail replaced by Effort_by_gear.
234.6	2022-11-25	- Appendix B: FMA code of “Lobster Fishing Area 09b” changed from 39674 to 39675 (typo)
234.7	2023-10-16	- Changes required to satisfy needs of Maritimes Subform 90 <ul style="list-style-type: none"> ○ Updated Rule #619 – LGRID_ID ○ Addition of Rule #3059 – LAT & LONG ○ Modified Rule #973 as #973a for Subforms 88 and 89 ○ Created Rule #973b for Subform 90 ○ Modified Rule #239 as #239a for Subforms 88, 89 and 91 ○ Created Rule #239b for Subform 90
234.8	2024-06-12	- Correction of Rule #619 in French Fact Sheet document only - Corrected rule number for GEAR_GRP_NUM from 609 to 609x
234.9	2024-05-09	- Correction to the Appendix B – Lat and Long coordinates for LFA 17A and LFA 17B
234.10	2025-05-23	- Removed Rule #612 - Removed Rule #616
234.11	2026-01-30	- Removed Rules #978b and # 978c - Reversed rule numbers of #608 and #608x - Renamed rules #613 and #614 to #613x and #614x - Removed Rule #623 - Updated Rule #624 - Removed Rules #616, #617 and #618 - Removed Appendix B: Position vs Fishery management area - Changed Rule #973a to #984 - Changed Rule #973b to rule #3060 - Corrected element name in Rules #251 and #252 - Removed Rule #3 - Removed Rule #609 - Removed Rule 610 - Added Rule #2 - Added Rule #985 - Remove Rule #979 a-d - Renamed <i>Appendix C: Table of valid combinations of Fishery Management areas vs Statistical sections</i> to <i>Appendix B</i> - Added <i>Appendix C: List of valid sub-forms for each administrative region</i>

		<ul style="list-style-type: none"> - Updates to Appendix B including typos in rows Stat IDs 38084 & 38085 - Renamed “Newfoundland” region to “Newfoundland and Labrador” - Corrected node name in rules #974 a, b, and c - New version of the DFO Instructions documents (Rule #2500) - Removed BAIT_USED from rule 601 - Update Rule #2025 to include fishing area 38b - Added areas LFA 19a-1a to LFA 19a-1h in Appendix A - Added Rule #3063 - Updated link for Client Application Qualification Program - Updated wording in Rule #621
--	--	--

5. General Rules

The general rules identified in this section must be followed by all ELOG client applications which allow the production of logbooks whose type and version are identified in point 2 (ELOG - Logbook – Lobster, version 234).

5.1 Data transmission

See section “Data transmission” of document “Standard for development of electronic logbook client applications” that can be found on the DFO Extranet site for **Developers (Documents for developers (Toolbox))**.

5.2 Functional rules

The functional rules in this section are intended to identify the rules that must be met by the ELOG client application.

5.2.1 Closure of data groups

The ELOG client application must allow the individual closure of the each occurrence of the following data groups if the data group is used:

Rule No.	Data group
1506	HLIN
1507	HLOUT
1503	SAR
1505	PCONS
1512	BAIT_USED
1500	EFFORT
1508	LANDING
1511	TRANSFER

5.2.2 Minimal composition of data groups

The data groups included in the XML file must comply with the following rules:

General rules – Minimal composition of data groups		
Rule No.	Data group	Rule
1000	Elog	- Must contain at least one occurrence of the node General_info - Must contain at least one occurrence of the node Trip
1007	Hlin	If this data group is used: - Must contain at least one occurrence of the node Hlin
1009	Hlout	If this data group is used: - Must contain at least one occurrence of the node Hlout
1002	Sar	If this data group is used: - Must contain at least one occurrence of the node Sar
1004	Pcons	If this data group is used: - Must contain at least one occurrence of the node Pcons
1022	Bait_used	If this data group is used: - Must contain at least one occurrence of the node Bait_used
1001	Effort	If this data group is used: - Must contain at least one occurrence of the node Effort - Must contain at least one occurrence of the node Tgt_species - Must contain at least one occurrence of the node Effort_by_gear - Must contain at least one occurrence of the node Effort_Detail - Must contain at least one occurrence of the node Catch
1003	Landing	If this data group is used: - Must contain at least one occurrence of the node Landing
1024	Transfer	If this data group is used: - Must contain at least one occurrence of the node Transfer - Must contain at least one occurrence of the node Transfer_dtl
1018	(All data groups)	If a data group is not required by DFO or not used by the harvester, it should not appear un the XML file.

5.2.3 Restrictions on data groups

General rules – Restrictions on data groups		
Rule No.	Data group	Rule
2024	HLIN (Node GENERAL_INFO)	If the logbook includes a fishing effort made in fishing area 38b (Effort.Fma_id=28599) or in fishing area 41 (Effort.Fma_id=1595) then the logbook must include at least one occurrence of the data group HLIN. Otherwise, data group HLIN must be blocked.
2025	HLOUT (Node GENERAL_INFO)	If the logbook includes a fishing effort made in fishing area 38b (Effort.Fma_id=28599) or in fishing area 41 (Effort.Fma_id=1595) then the logbook must include at least one occurrence of the data group HLOUT. Otherwise, data group HLOUT must be blocked.
2000	EFFORT (nodes EFFORT_DETAIL and CATCH)	The combination “species identifier (Catch.Specie_id) and species form identifier (Catch.Specie_frm_id)” must be represented only one time in all child CATCH nodes located inside an EFFORT_DETAIL node. The same combination must not be found in another occurrence of node CATCH within the same EFFORT_DETAIL node.
2020	EFFORT (nodes TGT_SPECIES and CATCH)	In each occurrence of node EFFORT_DETAIL, there must be at least one occurrence of the Catch node for which the species caught (Catch.specie_id) is equal to the target species (Tgt_species.specie_id), even if there was no catch. When there has been no catch during the fishing effort, the fisher must enter 0 in the quantity kept (Catch.Kept_wt).
2010	EFFORT (nodes EFFORT and TGT_SPECIES)	Only one occurrence of the node Tgt_species is allowed in an occurrence of the node EFFORT.
2011	LANDING	There must be at least one occurrence of the data group LANDING for each fishing trip/logbook. Note: This does not mean that each XML file must contain a node Landing. This means that, in all XML files composing an electronic logbook, there should be at least one that contains the LANDING data group.

5.2.4 Additional rules concerning the data groups

General rules – Additional rules concerning data groups		
Rule No.	Data group	Rule
1051	(All)	The client application must not force the user to complete a section (data group) of the logbook except if a rule of the fact sheet explicitly ask for it.
1052	LANDING EFFORT	At the time of completing the landing section (data group LANDING), the client application must verify if a fishing effort (an occurrence of the EFFORT data group) has been entered in this logbook. If none has been entered, then the client application must display the following warning message: “You did not declared any fishing effort in this logbook. If you hauled a fishing gear, you must complete the fishing effort section, otherwise, continue.”.
1050	EFFORT	<p>The client application <u>must not limit</u> the number of occurrences of the data group EFFORT that can be captured by the user **.</p> <p>**In some situations, more than one licence of a same type may be used during a fishing trip. If this happens, the fisher may be asked to declare the catches and efforts, licence by licence, in separated EFFORT data groups in the same logbook.</p>

5.2.5 Restrictions on data elements

Note: The following restrictions apply only if the node identified in the “Node(s)” column is used.

General rules – restrictions on data elements			
Rule No.	Node(s)	Element(s)	Rule
608	All nodes	All elements	<p>A sub-form (General_info.Subform_id) will have to be selected by the fish harvester.</p> <p>Document named “Subforms_requirements_234.xlsx” list the requirements (Mandatory/Optional/Blocked) for all the elements of the form per sub-forms.</p> <p>These requirements must be considered as integral part of this fact sheet, so, must be taken in account during the development of the client application and applied if the sub-form is selected by the fisher.</p> <p>The requirement “Blocked” identified in this document have the priority over all the other rules listed in this fact sheet.</p> <p>Blocked elements identified in this document will never be “unblocked” by other rules. Validations that refers to a blocked element are not applicable.</p> <p>Requirements about elements identified as “Optional” may be modified by other rules under certain conditions identified in rules.</p> <p>If all the elements composing a data group of a sub-form are marked as “Blocked”, then the data group must be blocked for the sub-form.</p>
601	HLIN BAIT_USED PCONS SAR EFFORT LANDING TRANSFER	DG_CLOSE_DT	<p>The date and time of data group closure (<i>node.Dg_close_dt</i>) must be between the trip start date and time (Trip.Start_dt) and the current date and time (UTC).</p>

General rules – restrictions on data elements			
Rule No.	Node(s)	Element(s)	Rule
789	SAR	NB_SPCMN WT	In the client application, these elements must have an initial value equal to “null” (empty). If the user wants to declare a quantity (0 or greater than 0) using this element, then the value must be entered manually by the user. A null or empty value must not be interpreted as a 0 by the client application.
	PCONS	WT	
	BAIT_USED	BT_WT	
	TRANSFER_DTL	WT	
	CATCH	NB_SPCMN_KEPT NB_SPCMN_DISC NB_SPCMN_BRD KEPT_WT	
602	EFFORT	SAR_IND MM_INTER_IND LOST_GEAR_IND	In the client application, these elements must have an initial value equal to “null” (empty). The value must be entered manually by the user. A null or empty value must not be interpreted as a ‘Yes’ or ‘No’ by the client application.
1	GENERAL_INFO	FORM_VER_ID	Only this value must be available and considered valid: <div> <div>Form version id</div> <div>Description</div> <div>234</div> <div>ELOG - Logbook - Lobster</div> </div> Ref table : Mv_form_version
2	GENERAL_INFO	REG_ID	Only this value must be available and considered valid: <div> <div>Code id</div> <div>Description</div> <div>1002</div> <div>Newfoundland and Labrador</div> <div>1004</div> <div>Maritimes</div> <div>1006</div> <div>Quebec</div> <div>1014</div> <div>Gulf</div> </div> Ref table: Mv_dfo_region
985	GENERAL_INFO	SUBFORM_ID REG_ID	Only these sub-forms must be available and considered valid for the DFO administrative regions: <div>(see Appendix C – List of valid sub-forms for each administrative region)</div> Ref tables: Mv_dfo_region, Mv_subforms

General rules – restrictions on data elements			
Rule No.	Node(s)	Element(s)	Rule
979a	GENERAL_INFO	SUBFORM_ID REG_ID	<p>If the sub-form selected (General_info.Subform_id) is one of:</p> <p>Subform_id Description 88 QC – Lobster</p> <p>Then only this administrative region (General_info.Reg_id) must be available and considered valid:</p> <p>Code_id Description 1006 Quebec</p> <p>Ref table : Mv_subforms, Mv_dfo_region</p>
979b	GENERAL_INFO	SUBFORM_ID REG_ID	<p>If the sub-form selected (General_info.Subform_id) is one of:</p> <p>Subform_id Description 89 GLF – Lobster</p> <p>Then only this administrative region (General_info.Reg_id) must be available and considered valid:</p> <p>Code_id Description 1014 Gulf</p> <p>Ref table : Mv_subforms, Mv_dfo_region</p>
979c	GENERAL_INFO	SUBFORM_ID REG_ID	<p>If the sub-form selected (General_info.Subform_id) is one of:</p> <p>Subform_id Description 90 MAR – Lobster</p> <p>Then only this administrative region (General_info.Reg_id) must be available and considered valid:</p> <p>Code_id Description 1004 Maritimes</p> <p>Ref table : Mv_subforms, Mv_dfo_region</p>

General rules – restrictions on data elements			
Rule No.	Node(s)	Element(s)	Rule
979d	GENERAL_INFO	SUBFORM_ID REG_ID	<p>If the sub-form selected (General_info.Subform_id) is one of:</p> <p>Subform_id Description 91 NL Lobster</p> <p>Then only this administrative region (General_info.Reg_id) must be available and considered valid:</p> <p>Code_id Description 1002 Newfoundland</p> <p>Ref table : Mv_subforms, Mv_dfo_region</p>
931	GENERAL_INFO	FIN (label)	<p>In the client application, all labels associated to element General_info.Fin must always be:</p> <p>In French: « NIP du <u>détenteur de permis</u> » In English: « <u>Licence holder's</u> FIN »</p>
260	GENERAL_INFO	FIN	<p>The fisher identification number (General_info.Fin) must be made up of :</p> <ul style="list-style-type: none"> - Nine digits (e.g.: 999999999) or - One digit then one uppercase letter then seven digits (e.g.: 9D9999999). The letter must be C or D.
609	GENERAL_INFO	SUBFORM_ID	<p>Only these values must be available and considered valid:</p> <p>Subform_id Description 88 QC Lobster 89 GLF Lobster 90 MAR Lobster 91 NL Lobster</p> <p>Ref table : Mv_subforms</p>
3	TRIP	START_DT	<p>The start date and time of the trip (Trip.Start_dt) cannot take place after the effort start date and time (Effort.Start_dt) of any of the efforts of this trip.</p>
	EFFORT	START_DT	
48	TRIP	TRIP_NUM	A new trip number (Trip.trip_num) must be allocated automatically and sequentially for each new vessel trip.
181	TRIP	LGBK_UID	The logbook unique identifier must be made up of six uppercase letters (A-Z) randomly generated.

General rules – restrictions on data elements																											
Rule No.	Node(s)	Element(s)	Rule																								
3063	TRIP LANDING	PORT_ID	Both port name (Mv_port.Desc_eng) and province name, if provided (Mv_port.Prov_desc_eng) must be displayed to the user. Ref table: Mv_port																								
444	TRIP	CREW_NB	The number of crew member (Trip.Crew_nb) must be between 1 and 20.																								
639	TRIP	USE_CR_IND	The indicator of use of a carrier (Trip.Use_cr_ind) must have an initial value equal to 'N'. Ref table: Mv_response																								
27	HLIN	HLIN_CIE_ID	Only these values must be available and considered valid: <table><thead><tr><th>Code_id</th><th>Description</th></tr></thead><tbody><tr><td>11682</td><td>Resmar</td></tr><tr><td>11683</td><td>Seaweigh</td></tr><tr><td>25095</td><td>Atlantic Catch Data Ltd.</td></tr><tr><td>25097</td><td>Baywatch Dockside Monitoring</td></tr><tr><td>25098</td><td>Chéticamp Monitoring Association</td></tr><tr><td>25105</td><td>Island Weigh 95 Inc.</td></tr><tr><td>25107</td><td>Pèse-Pêche Inc.</td></tr><tr><td>38498</td><td>Sea Tracker Dockside Monitoring</td></tr><tr><td>25101</td><td>Fish Harvesters' Resources Centre-</td></tr><tr><td>39494</td><td>Ocean Catch Monitoring Inc.</td></tr><tr><td>25096</td><td>Barrington Catch Monitoring Centre Association</td></tr></tbody></table> Ref table: Mv_service_provider	Code_id	Description	11682	Resmar	11683	Seaweigh	25095	Atlantic Catch Data Ltd.	25097	Baywatch Dockside Monitoring	25098	Chéticamp Monitoring Association	25105	Island Weigh 95 Inc.	25107	Pèse-Pêche Inc.	38498	Sea Tracker Dockside Monitoring	25101	Fish Harvesters' Resources Centre-	39494	Ocean Catch Monitoring Inc.	25096	Barrington Catch Monitoring Centre Association
Code_id	Description																										
11682	Resmar																										
11683	Seaweigh																										
25095	Atlantic Catch Data Ltd.																										
25097	Baywatch Dockside Monitoring																										
25098	Chéticamp Monitoring Association																										
25105	Island Weigh 95 Inc.																										
25107	Pèse-Pêche Inc.																										
38498	Sea Tracker Dockside Monitoring																										
25101	Fish Harvesters' Resources Centre-																										
39494	Ocean Catch Monitoring Inc.																										
25096	Barrington Catch Monitoring Centre Association																										
184	HLIN	ETA_DT	The estimated date and time of arrival (Hlin.Eta_dt) must be later than or equal to the trip start date and time (Trip.Start_dt).																								
	TRIP	START_DT																									
660	HLIN	ETA_DT	If there is a fishing effort made in area 38b (Effort.Fma_id=28599) in this logbook, then the capture of the estimated date/time of arrival (Hlin.Eta_dt) is mandatory. Otherwise, the capture of the estimated date/time of arrival must be blocked. Ref table: Mv_fma																								
	EFFORT	FMA_ID																									
	HLIN	TOT WT ONBRD																									

General rules – restrictions on data elements													
Rule No.	Node(s)	Element(s)	Rule										
661	EFFORT	FMA_ID	<p>If there is a fishing effort made in area 38b (Effort.Fma_id=28599) in this logbook, then the capture of the total weight onboard (Hlin.Tot_wt_onbrd) is mandatory. Otherwise, the capture of the total weight onboard must be blocked.</p> <p>Ref table: Mv_fma</p>										
93	HLOUT	HLOUT_CIE_ID	<p>Only these values must be available and considered valid:</p> <table><thead><tr><th><u>Code_id</u></th><th><u>Description</u></th></tr></thead><tbody><tr><td>25110</td><td>Department of Fisheries and Oceans-Maritimes Region</td></tr><tr><td>25095</td><td>Atlantic Catch Data Ltd.</td></tr><tr><td>25096</td><td>Barrington Catch Monitoring Centre Association</td></tr><tr><td>25097</td><td>Baywatch Dockside Monitoring</td></tr></tbody></table> <p>Ref table: Mv_Service_provider</p>	<u>Code_id</u>	<u>Description</u>	25110	Department of Fisheries and Oceans-Maritimes Region	25095	Atlantic Catch Data Ltd.	25096	Barrington Catch Monitoring Centre Association	25097	Baywatch Dockside Monitoring
<u>Code_id</u>	<u>Description</u>												
25110	Department of Fisheries and Oceans-Maritimes Region												
25095	Atlantic Catch Data Ltd.												
25096	Barrington Catch Monitoring Centre Association												
25097	Baywatch Dockside Monitoring												
663	HLOUT	HLOUT_CIE_ID	<p>The French description corresponding to code 25110 of table Mv_service_provider shall be replaced by “MPO Maritimes - Système interactif de reconnaissance vocale (IRV)”</p> <p>The English description corresponding to code 25110 of table Mv_service_provider shall be replaced by « DFO Maritimes – Interactive Voice Recognition (IVR) system”</p> <p>Ref table: Mv_Service_provider</p>										

General rules – restrictions on data elements																																													
Rule No.	Node(s)	Element(s)	Rule																																										
239a	GENERAL_INFO	SUBFORM_ID	If the subform selected (General_Info.Subform_id) is one of: <table><tr><td><u>Subform_id</u></td><td><u>Description</u></td></tr><tr><td>88</td><td>QC – Lobster</td></tr><tr><td>89</td><td>GLF - Lobster</td></tr><tr><td>91</td><td>NL - Lobster</td></tr></table> Only the following values must be available and considered valid: <table><tr><td><u>Code_id</u></td><td><u>Description</u></td></tr><tr><td>1298</td><td>Flounder, Winter</td></tr><tr><td>1359</td><td>Squid, Illex</td></tr><tr><td>1385</td><td>Flounder, Yellowtail</td></tr><tr><td>39795</td><td>Synthetic bait</td></tr><tr><td>16349</td><td>Silverside, Atlantic</td></tr><tr><td>1961</td><td>Sculpin, Shorthorn</td></tr><tr><td>1287</td><td>Crab, Rock</td></tr><tr><td>38503</td><td>Waste</td></tr><tr><td>1266</td><td>Alewife</td></tr><tr><td>3392</td><td>Herring, Atlantic</td></tr><tr><td>38506</td><td>Missing in the list</td></tr><tr><td>1315</td><td>Mackerel, Atlantic</td></tr><tr><td>1299</td><td>Flatfishes, not specified</td></tr><tr><td>4311</td><td>Groundfish, Unspecified</td></tr><tr><td>18398</td><td>Redfishes</td></tr><tr><td>1921</td><td>Cunner</td></tr></table> Ref table: Mv_Bait_Type	<u>Subform_id</u>	<u>Description</u>	88	QC – Lobster	89	GLF - Lobster	91	NL - Lobster	<u>Code_id</u>	<u>Description</u>	1298	Flounder, Winter	1359	Squid, Illex	1385	Flounder, Yellowtail	39795	Synthetic bait	16349	Silverside, Atlantic	1961	Sculpin, Shorthorn	1287	Crab, Rock	38503	Waste	1266	Alewife	3392	Herring, Atlantic	38506	Missing in the list	1315	Mackerel, Atlantic	1299	Flatfishes, not specified	4311	Groundfish, Unspecified	18398	Redfishes	1921	Cunner
	<u>Subform_id</u>	<u>Description</u>																																											
88	QC – Lobster																																												
89	GLF - Lobster																																												
91	NL - Lobster																																												
<u>Code_id</u>	<u>Description</u>																																												
1298	Flounder, Winter																																												
1359	Squid, Illex																																												
1385	Flounder, Yellowtail																																												
39795	Synthetic bait																																												
16349	Silverside, Atlantic																																												
1961	Sculpin, Shorthorn																																												
1287	Crab, Rock																																												
38503	Waste																																												
1266	Alewife																																												
3392	Herring, Atlantic																																												
38506	Missing in the list																																												
1315	Mackerel, Atlantic																																												
1299	Flatfishes, not specified																																												
4311	Groundfish, Unspecified																																												
18398	Redfishes																																												
1921	Cunner																																												
	BAIT_USED	BT_TYP_ID																																											

General rules – restrictions on data elements			
Rule No.	Node(s)	Element(s)	Rule
239b	GENERAL_INFO	SUBFORM_ID	

General rules – restrictions on data elements																																																																							
Rule No.	Node(s)	Element(s)	Rule																																																																				
	BAIT_USED	BT_TYP_ID	<p>If the subform selected (General_Info.Subform_id) is one of:</p> <table><tr><th><u>Subform_id</u></th><th><u>Description</u></th></tr><tr><td>90</td><td>MAR – Lobster</td></tr></table> <p>Only the following values must be available and considered valid:</p> <table><tr><th><u>Code_id</u></th><th><u>Description</u></th></tr><tr><td>814</td><td>Other</td></tr><tr><td>1266</td><td>Alewife</td></tr><tr><td>1268</td><td>Monkfish</td></tr><tr><td>1277</td><td>Capelin</td></tr><tr><td>1283</td><td>Clams, Unspecified</td></tr><tr><td>1284</td><td>Cod, Atlantic</td></tr><tr><td>1286</td><td>Crab, Jonah</td></tr><tr><td>1287</td><td>Crab, Rock</td></tr><tr><td>1289</td><td>Crab, Red</td></tr><tr><td>1293</td><td>Spiny Dogfish</td></tr><tr><td>1299</td><td>Flatfishes, not specified</td></tr><tr><td>1300</td><td>Halibut, Greenland</td></tr><tr><td>1303</td><td>Haddock</td></tr><tr><td>1304</td><td>Halibut, Atlantic</td></tr><tr><td>1315</td><td>Mackerel, Atlantic</td></tr><tr><td>1325</td><td>Plaice, American</td></tr><tr><td>1326</td><td>Pollock</td></tr><tr><td>1345</td><td>Shad, American</td></tr><tr><td>1917</td><td>Crab, Green</td></tr><tr><td>1921</td><td>Cunner</td></tr><tr><td>1947</td><td>Menhaden, Atlantic</td></tr><tr><td>1961</td><td>Sculpin, Shorthorn</td></tr><tr><td>3392</td><td>Herring, Atlantic</td></tr><tr><td>4408</td><td>Herring, Pacific</td></tr><tr><td>14714</td><td>Sculpins (COTTIDAE)</td></tr><tr><td>16349</td><td>Silverside, Atlantic</td></tr><tr><td>16356</td><td>Hakes</td></tr><tr><td>16553</td><td>Sculpin, Longhorn</td></tr><tr><td>18398</td><td>Redfishes</td></tr><tr><td>19014</td><td>Squids</td></tr><tr><td>19056</td><td>Tunas, Unspecified</td></tr></table>	<u>Subform_id</u>	<u>Description</u>	90	MAR – Lobster	<u>Code_id</u>	<u>Description</u>	814	Other	1266	Alewife	1268	Monkfish	1277	Capelin	1283	Clams, Unspecified	1284	Cod, Atlantic	1286	Crab, Jonah	1287	Crab, Rock	1289	Crab, Red	1293	Spiny Dogfish	1299	Flatfishes, not specified	1300	Halibut, Greenland	1303	Haddock	1304	Halibut, Atlantic	1315	Mackerel, Atlantic	1325	Plaice, American	1326	Pollock	1345	Shad, American	1917	Crab, Green	1921	Cunner	1947	Menhaden, Atlantic	1961	Sculpin, Shorthorn	3392	Herring, Atlantic	4408	Herring, Pacific	14714	Sculpins (COTTIDAE)	16349	Silverside, Atlantic	16356	Hakes	16553	Sculpin, Longhorn	18398	Redfishes	19014	Squids	19056	Tunas, Unspecified
<u>Subform_id</u>	<u>Description</u>																																																																						
90	MAR – Lobster																																																																						
<u>Code_id</u>	<u>Description</u>																																																																						
814	Other																																																																						
1266	Alewife																																																																						
1268	Monkfish																																																																						
1277	Capelin																																																																						
1283	Clams, Unspecified																																																																						
1284	Cod, Atlantic																																																																						
1286	Crab, Jonah																																																																						
1287	Crab, Rock																																																																						
1289	Crab, Red																																																																						
1293	Spiny Dogfish																																																																						
1299	Flatfishes, not specified																																																																						
1300	Halibut, Greenland																																																																						
1303	Haddock																																																																						
1304	Halibut, Atlantic																																																																						
1315	Mackerel, Atlantic																																																																						
1325	Plaice, American																																																																						
1326	Pollock																																																																						
1345	Shad, American																																																																						
1917	Crab, Green																																																																						
1921	Cunner																																																																						
1947	Menhaden, Atlantic																																																																						
1961	Sculpin, Shorthorn																																																																						
3392	Herring, Atlantic																																																																						
4408	Herring, Pacific																																																																						
14714	Sculpins (COTTIDAE)																																																																						
16349	Silverside, Atlantic																																																																						
16356	Hakes																																																																						
16553	Sculpin, Longhorn																																																																						
18398	Redfishes																																																																						
19014	Squids																																																																						
19056	Tunas, Unspecified																																																																						

General rules – restrictions on data elements															
Rule No.	Node(s)	Element(s)	Rule												
			38503 Waste 39777 Electronic bait 39795 Synthetic bait Ref table: Mv_Bait_Type												
973a 984	GENERAL_INFO	SUBFORM_ID	If the subform selected (General_Info.Subform_id) is one of: <table><tr><td><u>Subform_id</u></td><td><u>Description</u></td></tr><tr><td>88</td><td>QC – Lobster</td></tr><tr><td>89</td><td>GLF - Lobster</td></tr></table> And the bait type (Bait_used.Bt_typ_id) is one of : <table><tr><td><u>Code_id</u></td><td><u>Description</u></td></tr><tr><td>3392</td><td>Herring, Atlantic</td></tr><tr><td>1315</td><td>Mackerel, Atlantic</td></tr></table> Then the capture of the bait condition (Bait_used.Bt_cond_id) is mandatory . Otherwise, the capture of the bait condition (Bait_used.Bt_cond_id) must be blocked . Ref table: Mv_bait_condition, Mv_bait_type	<u>Subform_id</u>	<u>Description</u>	88	QC – Lobster	89	GLF - Lobster	<u>Code_id</u>	<u>Description</u>	3392	Herring, Atlantic	1315	Mackerel, Atlantic
	<u>Subform_id</u>	<u>Description</u>													
88	QC – Lobster														
89	GLF - Lobster														
<u>Code_id</u>	<u>Description</u>														
3392	Herring, Atlantic														
1315	Mackerel, Atlantic														
	BAIT_USED	BT_TYP_ID BT_COND_ID													

General rules – restrictions on data elements			
Rule No.	Node(s)	Element(s)	Rule
973b	GENERAL_INFO	SUBFORM_ID	

General rules – restrictions on data elements															
Rule No.	Node(s)	Element(s)	Rule												
3060	BAIT_USED	BT_TYP_ID BT_COND_ID	If the subform selected (General_Info.Subform_id) is one of: <table><tr><th><u>Subform_id</u></th><th><u>Description</u></th></tr><tr><td>90</td><td>MAR – Lobster</td></tr></table> And the bait type (Bait_used.Bt_typ_id) is one of : <table><tr><th><u>Code_id</u></th><th><u>Description</u></th></tr><tr><td>38503</td><td>Waste</td></tr><tr><td>39777</td><td>Electronic bait</td></tr><tr><td>39795</td><td>Synthetic bait</td></tr></table> Then the capture of the bait condition (Bait_used.Bt_cond_id) is blocked . Otherwise, the capture of the bait condition (Bait_used.Bt_cond_id) must be mandatory . Ref table: Mv_bait_condition, Mv_bait_type	<u>Subform_id</u>	<u>Description</u>	90	MAR – Lobster	<u>Code_id</u>	<u>Description</u>	38503	Waste	39777	Electronic bait	39795	Synthetic bait
			<u>Subform_id</u>	<u>Description</u>											
90	MAR – Lobster														
<u>Code_id</u>	<u>Description</u>														
38503	Waste														
39777	Electronic bait														
39795	Synthetic bait														
11	SAR	SAR_DT	The date and time of the interaction with a species at risk (Sar.Sar_dt) must be later than or equal to the trip start date (Trip.Start_dt).												
	TRIP	START_DT													
12	SAR	SAR_DT	The date and time of the interaction with a species at risk (Sar.Sar_dt) must be before or equal to the current date and time, at the time of entry.												
172	SAR	LAT	The latitude of the interaction with the species at risk (Sar.Lat) must be greater than or equal to 39.0000 (deg) and less than or equal to 53.0000 (deg)												
173	SAR	LONG	The longitude of the interaction with the species at risk (Sar.Long) must be greater than or equal to -70.8167 (deg) and less than or equal to -52.0000 (deg)												

General rules – restrictions on data elements																	
Rule No.	Node(s)	Element(s)	Rule														
7	SAR	SPECIE_ID	<p>Only these values must be available and considered valid:</p> <table><tr><th><u>Code_id</u></th><th><u>Description</u></th></tr><tr><td>1363</td><td>Bass, Striped</td></tr><tr><td>14009</td><td>Shark, White</td></tr><tr><td>10561</td><td>Turtle, Leatherback Sea</td></tr><tr><td>4561</td><td>Turtle, Loggerhead Sea</td></tr><tr><td>1375</td><td>Wolffish, Northern</td></tr><tr><td>1382</td><td>Wolffish, Spotted</td></tr></table> <p>Ref table: Mv_sar_list</p>	<u>Code_id</u>	<u>Description</u>	1363	Bass, Striped	14009	Shark, White	10561	Turtle, Leatherback Sea	4561	Turtle, Loggerhead Sea	1375	Wolffish, Northern	1382	Wolffish, Spotted
<u>Code_id</u>	<u>Description</u>																
1363	Bass, Striped																
14009	Shark, White																
10561	Turtle, Leatherback Sea																
4561	Turtle, Loggerhead Sea																
1375	Wolffish, Northern																
1382	Wolffish, Spotted																
974a	GENERAL_INFO	SUBFORM_ID	<p>If the sub-form selected (General_info.Subform_id) is one of:</p> <table><tr><th><u>Subform_id</u></th><th><u>Description</u></th></tr><tr><td>88</td><td>QC - Lobster</td></tr><tr><td>91</td><td>NL – Lobster</td></tr></table> <p>then only the following species (Pcons.Specie_id) must be available and considered valid:</p> <table><tr><th><u>Code_id</u></th><th><u>Description</u></th></tr><tr><td>1287</td><td>Crab, Rock</td></tr><tr><td>1312</td><td>Lobster</td></tr></table> <p>Ref table: Mv_subforms, Mv_species</p>	<u>Subform_id</u>	<u>Description</u>	88	QC - Lobster	91	NL – Lobster	<u>Code_id</u>	<u>Description</u>	1287	Crab, Rock	1312	Lobster		
	<u>Subform_id</u>	<u>Description</u>															
88	QC - Lobster																
91	NL – Lobster																
<u>Code_id</u>	<u>Description</u>																
1287	Crab, Rock																
1312	Lobster																
	PCONS	SPECIE_ID															

General rules – restrictions on data elements																					
Rule No.	Node(s)	Element(s)	Rule																		
974b	GENERAL_INFO	SUBFORM_ID	If the sub-form selected (General_info.Subform_id) is one of: <table><tr><th><u>Subform_id</u></th><th><u>Description</u></th></tr><tr><td>89</td><td>GLF – Lobster</td></tr></table> then the only the following species (Pcons.Specie_id) must be available and considered valid: <table><tr><th><u>Code_id</u></th><th><u>Description</u></th></tr><tr><td>1921</td><td>Cunner</td></tr><tr><td>1312</td><td>Lobster</td></tr><tr><td>1287</td><td>Crab, Rock</td></tr><tr><td>14714</td><td>Sculpins (COTTIDAE)</td></tr></table> Ref table: Mv_subforms, Mv_species	<u>Subform_id</u>	<u>Description</u>	89	GLF – Lobster	<u>Code_id</u>	<u>Description</u>	1921	Cunner	1312	Lobster	1287	Crab, Rock	14714	Sculpins (COTTIDAE)				
	<u>Subform_id</u>	<u>Description</u>																			
89	GLF – Lobster																				
<u>Code_id</u>	<u>Description</u>																				
1921	Cunner																				
1312	Lobster																				
1287	Crab, Rock																				
14714	Sculpins (COTTIDAE)																				
PCONS	SPECIE_ID																				
974c	GENERAL_INFO	SUBFORM_ID	If the sub-form selected (General_info.Subform_id) is one of: <table><tr><th><u>Subform_id</u></th><th><u>Description</u></th></tr><tr><td>90</td><td>MAR – Lobster</td></tr></table> then the only the following species (Pcons.specie_id) must be available and considered valid: <table><tr><th><u>Code_id</u></th><th><u>Description</u></th></tr><tr><td>1917</td><td>Crab, Green</td></tr><tr><td>1286</td><td>Crab, Jonah</td></tr><tr><td>1287</td><td>Crab, Rock</td></tr><tr><td>1921</td><td>Cunner</td></tr><tr><td>1312</td><td>Lobster</td></tr><tr><td>14714</td><td>Sculpins (COTTIDAE)</td></tr></table> Ref table: Mv_subforms, Mv_species	<u>Subform_id</u>	<u>Description</u>	90	MAR – Lobster	<u>Code_id</u>	<u>Description</u>	1917	Crab, Green	1286	Crab, Jonah	1287	Crab, Rock	1921	Cunner	1312	Lobster	14714	Sculpins (COTTIDAE)
	<u>Subform_id</u>	<u>Description</u>																			
90	MAR – Lobster																				
<u>Code_id</u>	<u>Description</u>																				
1917	Crab, Green																				
1286	Crab, Jonah																				
1287	Crab, Rock																				
1921	Cunner																				
1312	Lobster																				
14714	Sculpins (COTTIDAE)																				
PCONS	SPECIE_ID																				

General rules – restrictions on data elements									
Rule No.	Node(s)	Element(s)	Rule						
153	PCONS	SPECIE_FRM_ID	Only the following values must be available and considered valid: <table><tr><td><u>Code_id</u></td><td><u>Description</u></td></tr><tr><td>4691</td><td>Round</td></tr></table> Ref table: Mv_species_product_form	<u>Code_id</u>	<u>Description</u>	4691	Round		
<u>Code_id</u>	<u>Description</u>								
4691	Round								
651a	PCONS	SPECIE_ID SPECIE_SZ_ID	If the species used personally is “Lobster” (Pcons.Specie_id=1312): then only these sizes (Pcons.Specie_sz_id) must be available and considered valid: <table><tr><td><u>Code_id</u></td><td><u>Description</u></td></tr><tr><td>828</td><td>Large</td></tr><tr><td>826</td><td>Small</td></tr></table> Ref table: Mv_species, Mv_species_size	<u>Code_id</u>	<u>Description</u>	828	Large	826	Small
<u>Code_id</u>	<u>Description</u>								
828	Large								
826	Small								
651b	PCONS	SPECIE_ID SPECIE_SZ_ID	If the species used personally is NOT “Lobster” (Pcons.Specie_id<>1312) : then only this size (Pcons.Specie_sz_id) must be available and considered valid: <table><tr><td><u>Code_id</u></td><td><u>Description</u></td></tr><tr><td>10670</td><td>Unsize</td></tr></table> Ref table: Mv_species, Mv_species_size	<u>Code_id</u>	<u>Description</u>	10670	Unsize		
<u>Code_id</u>	<u>Description</u>								
10670	Unsize								
283a	PCONS	SPECIE_SZ_ID description	When the code of the size of the species (PCONS.SPECIE_SZ_ID) is 828, the English description of the size displayed by the client application must be “Large/Market” instead of “Large”						
283b	PCONS	SPECIE_SZ_ID description	When the code of the size of the species (PCONS.SPECIE_SZ_ID) is 828, the French description of the size displayed by the client application must be “Gros/Market” instead of “Gros”						

General rules – restrictions on data elements			
Rule No.	Node(s)	Element(s)	Rule
283c	PCONS	SPECIE_SZ_ID description	When the code of the size of the species (PCONS.SPECIE_SZ_ID) is 826, the English description of the size displayed by the client application must be “Small/Canner” instead of “Small”
283d	PCONS	SPECIE_SZ_ID description	When the code of the size of the species (PCONS.SPECIE_SZ_ID) is 826, the French description of the size displayed by the client application must be “Petit/Canner” instead of “Petit”
30	EFFORT	START_DT	The effort start date and time (Effort.Start_dt) must be equal to or before the current date and time, at the time of entry.
29	EFFORT	START_DT	The effort start date (Effort.Start_dt) must be later than or equal to the trip start date and time (Trip.Start_dt).
	TRIP	START_DT	
31	EFFORT	END_DT	The effort end date and time (Effort.End_dt) must be before or equal to the current date and time, at the time of entry.
32	EFFORT	START_DT END_DT	The effort end date and time (Effort.End_dt) must be later than or equal to the effort start date and time (Effort.Start_dt).
33	EFFORT	START_DT END_DT	The period of time covered by one fishing effort must not overlap the period covered by another previously entered fishing effort (under the same licence).
131	EFFORT	FMA_ID	Only this value must be available and considered valid: <u>Code id Description</u> (See Appendix A) Ref table: Mv_fma
603	EFFORT	SAR_IND	The label of this element must be: <u>French:</u> Y a-t-il eu interaction avec une espèce en péril durant cet effort de pêche? <u>English:</u> Was there any interaction with a species at risk during this fishing effort?

General rules – restrictions on data elements			
Rule No.	Node(s)	Element(s)	Rule
604	EFFORT	SAR_IND	<p>When the answer is 'Yes' (Effort.Sar_ind='Y'), then the following message must be displayed:</p> <p><u>Français:</u> Veuillez S.V.P. remplir la section concernant les interactions avec une espèce en péril.</p> <p><u>Anglais:</u> Please, complete the section concerning species at risk interactions.</p>
780	EFFORT	MM_INTER_IND	<p>The label of this element must be:</p> <p><u>French:</u> Y a-t-il eu interaction avec un mammifère marin durant cet effort de pêche?</p> <p><u>English:</u> Was there any interaction with a marine mammal during this fishing effort?</p>
781	EFFORT	MM_INTER_IND	<p>When the answer is 'Yes' (Effort.Mm_inter_ind='Y'), then the following message must be displayed:</p> <p><u>French:</u> Veuillez S.V.P. remplir la déclaration d'interaction avec un mammifère marin.</p> <p><u>English:</u> Please, complete the declaration of interaction with a marine mammal.</p>
606	EFFORT	LOST_GEAR_IND	<p>The label of this element must be:</p> <p><u>French:</u> Avez-vous perdu ou retrouvé un de vos engins de pêche durant cet effort de pêche?</p> <p><u>English:</u> Did you lose or find any of your fishing gear during this fishing effort?</p>

General rules – restrictions on data elements											
Rule No.	Node(s)	Element(s)	Rule								
607	EFFORT	LOST_GEAR_IND	<p>When the answer is ‘Yes’ (Effort.Lost_gear_ind=‘Y’), then the following message must be displayed:</p> <p><u>French:</u> Veuillez S.V.P. remplir la déclaration concernant les engins de pêche perdus ou retrouvés</p> <p><u>English:</u> Please, complete the declaration concerning gears that were lost or found.</p>								
34	TGT_SPECIES	SPECIE_ID	<p>Only this value must be available and considered valid:</p> <table><tr><td><u>Code_id</u></td><td><u>Description</u></td></tr><tr><td>1312</td><td>Lobster</td></tr></table> <p>Ref table: Mv_species</p>	<u>Code_id</u>	<u>Description</u>	1312	Lobster				
<u>Code_id</u>	<u>Description</u>										
1312	Lobster										
35	EFFORT_BY_GEAR	GEAR_ID	<p>Only this value must be available and considered valid:</p> <table><tr><td><u>Code_id</u></td><td><u>Description</u></td></tr><tr><td>925</td><td>Pot</td></tr></table> <p>Ref table: Mv_Gear_Description</p>	<u>Code_id</u>	<u>Description</u>	925	Pot				
<u>Code_id</u>	<u>Description</u>										
925	Pot										
270	EFFORT_BY_GEAR	GEAR_ID (description)	<p>When the code of the gear (Effort_by_gear.Gear_id) is 925, the English description of the gear displayed by the client application must be “Pot/Trap” instead of “Pot”</p>								
608x	EFFORT_BY_GEAR	GEAR_SBTYP_ID	<p>Only this value must be available and considered valid:</p> <table><tr><td><u>Code_id</u></td><td><u>Description</u></td></tr><tr><td>39684</td><td>Wooden traps</td></tr><tr><td>39685</td><td>Wire mesh traps</td></tr><tr><td>39686</td><td>Wire mesh and wooden traps</td></tr></table> <p>Ref table: Mv_gear_subtype</p>	<u>Code_id</u>	<u>Description</u>	39684	Wooden traps	39685	Wire mesh traps	39686	Wire mesh and wooden traps
<u>Code_id</u>	<u>Description</u>										
39684	Wooden traps										
39685	Wire mesh traps										
39686	Wire mesh and wooden traps										

General rules – restrictions on data elements									
Rule No.	Node(s)	Element(s)	Rule						
609x	EFFORT_DETAIL	GEAR_GRP_NUM	The gear group number must be generated automatically and sequentially, starting from 1 at each new occurrence of Effort node.						
610	EFFORT_DETAIL	GEAR_GRP_NUM	The same “Effort_by_gear” node may not contain two “Effort_detail” nodes with the same value in the element “Gear_grp_num”.						
611	EFFORT_DETAIL	TRP_SZ_ID	Only this value must be available and considered valid: <table><tr><td>Code_id</td><td>Description</td></tr><tr><td>39682</td><td>Standard</td></tr><tr><td>39683</td><td>Large</td></tr></table> Ref table: Mv_trap_size	Code_id	Description	39682	Standard	39683	Large
Code_id	Description								
39682	Standard								
39683	Large								
286	EFFORT_DETAIL	SOAKED_DUR	The soaked time (Effort_detail.Soaked_dur) must be captured in days without decimals in the client application. (1 day, 2 days, 3 days, etc.)						
165	EFFORT_DETAIL	SOAKED_DUR	The soaked duration must not exceed 216 hours (9 days).						
3059	GENERAL_INFO	SUBFORM_ID	If the subform selected (General_Info.Subform_id) is one of: <table><tr><td>Subform_id</td><td>Description</td></tr><tr><td>90</td><td>MAR – Lobster</td></tr></table> And the Fishery Management Area is 38b (Effort.Fma_id=28599) Then the latitude (Effort_Detail.Lat) and longitude (Effort_Detail.Long) are mandatory. Otherwise, all other Fishery Management Areas (General_info.Fma_id) for MAR – Lobster (General_info.subform_id=90) the latitude and longitude are blocked. Ref table: Mv_fma	Subform_id	Description	90	MAR – Lobster		
	Subform_id	Description							
	90	MAR – Lobster							
	EFFORT	FMA_ID							
	EFFORT_DETAIL	LAT LONG							

General rules – restrictions on data elements							
Rule No.	Node(s)	Element(s)	Rule				
613 ^x	EFFORT	FMA_ID	If the Fishery Management area (Effort.Fma_id) is one of: <table><tr><td><u>Code_id</u></td><td><u>Description</u></td></tr><tr><td>1534</td><td>Lobster Fishing Area 22</td></tr></table> then only the grids from map #4 ² are authorized. Therefore, only codes (Mv_grid.code_id) of the Mv_grid table having the first character of the French description (Mv_grid.Desc_fre) equal to “4” are authorized. (e.g. 4Z13) Ref table: Mv_fma, Mv_Grid	<u>Code_id</u>	<u>Description</u>	1534	Lobster Fishing Area 22
	<u>Code_id</u>	<u>Description</u>					
1534	Lobster Fishing Area 22						
EFFORT_DETAIL	GRID_ID						
	EFFORT	FMA_ID					

² Map *NAFO Divisions and grids (map #4)* can be found in the general documentation available to developers.

General rules – restrictions on data elements																													
Rule No.	Node(s)	Element(s)	Rule																										
614x	EFFORT_DETAIL	GRID_ID	If the Fishery Management area (Effort.Fma_id) is one of: <table><tr><th>Code_id</th><th>Description</th></tr><tr><td>1526</td><td>Lobster Fishing Area 15</td></tr><tr><td>1527</td><td>Lobster Fishing Area 16</td></tr><tr><td>25641</td><td>Lobster Fishing Area 17a</td></tr><tr><td>25626</td><td>Lobster Fishing Area 18a</td></tr><tr><td>25627</td><td>Lobster Fishing Area 18b</td></tr><tr><td>25628</td><td>Lobster Fishing Area 18c</td></tr><tr><td>25629</td><td>Lobster Fishing Area 18d</td></tr><tr><td>25630</td><td>Lobster Fishing Area 18e</td></tr><tr><td>25631</td><td>Lobster Fishing Area 18f</td></tr><tr><td>25632</td><td>Lobster Fishing Area 18g</td></tr><tr><td>25633</td><td>Lobster Fishing Area 18h</td></tr><tr><td>25637</td><td>Lobster Fishing Area 18i</td></tr></table> then only the grids from map #1 ³ are authorized. Therefore, only codes (Mv_grid.code_id) of the Mv_grid table having the first character of the French description (Mv_grid.Desc_fre) equal to “1” are authorized. (e.g. 1GL24) Ref table: Mv_fma, Mv_Grid	Code_id	Description	1526	Lobster Fishing Area 15	1527	Lobster Fishing Area 16	25641	Lobster Fishing Area 17a	25626	Lobster Fishing Area 18a	25627	Lobster Fishing Area 18b	25628	Lobster Fishing Area 18c	25629	Lobster Fishing Area 18d	25630	Lobster Fishing Area 18e	25631	Lobster Fishing Area 18f	25632	Lobster Fishing Area 18g	25633	Lobster Fishing Area 18h	25637	Lobster Fishing Area 18i
			Code_id	Description																									
1526	Lobster Fishing Area 15																												
1527	Lobster Fishing Area 16																												
25641	Lobster Fishing Area 17a																												
25626	Lobster Fishing Area 18a																												
25627	Lobster Fishing Area 18b																												
25628	Lobster Fishing Area 18c																												
25629	Lobster Fishing Area 18d																												
25630	Lobster Fishing Area 18e																												
25631	Lobster Fishing Area 18f																												
25632	Lobster Fishing Area 18g																												
25633	Lobster Fishing Area 18h																												
25637	Lobster Fishing Area 18i																												
1011	GENERAL_INFO	REG_ID	If the DFO administrative region is Quebec (General_info.Reg_id=1006)																										
	EFFORT	FMA_ID																											

³ Map *NAFO Divisions and grids (map #1)* can be found in the general documentation available to developers.

General rules – restrictions on data elements																																																															
Rule No.	Node(s)	Element(s)	Rule																																																												
	EFFORT_DETAIL	GRID_ID	<p>and the Fishery Management area (Effort.Fma_id) is one of:</p> <table><tr><th>Code_id</th><th>Description</th></tr><tr><td>25640</td><td>Lobster Fishing Area 17b</td></tr><tr><td>25656</td><td>Lobster Fishing Area 19a1</td></tr><tr><td>25658</td><td>Lobster Fishing Area 19a2</td></tr><tr><td>25657</td><td>Lobster Fishing Area 19a3</td></tr><tr><td>25636</td><td>Lobster Fishing Area 19b</td></tr><tr><td>25659</td><td>Lobster Fishing Area 19c1</td></tr><tr><td>25660</td><td>Lobster Fishing Area 19c2</td></tr><tr><td>25662</td><td>Lobster Fishing Area 20a10</td></tr><tr><td>25661</td><td>Lobster Fishing Area 20a1</td></tr><tr><td>25673</td><td>Lobster Fishing Area 20a2</td></tr><tr><td>25672</td><td>Lobster Fishing Area 20a3a</td></tr><tr><td>25674</td><td>Lobster Fishing Area 20a3</td></tr><tr><td>25675</td><td>Lobster Fishing Area 20a4</td></tr><tr><td>25676</td><td>Lobster Fishing Area 20a5</td></tr><tr><td>25677</td><td>Lobster Fishing Area 20a6</td></tr><tr><td>25678</td><td>Lobster Fishing Area 20a7</td></tr><tr><td>25679</td><td>Lobster Fishing Area 20a8</td></tr><tr><td>25663</td><td>Lobster Fishing Area 20a9a</td></tr><tr><td>25680</td><td>Lobster Fishing Area 20a9</td></tr><tr><td>25664</td><td>Lobster Fishing Area 20b1</td></tr><tr><td>25665</td><td>Lobster Fishing Area 20b2</td></tr><tr><td>25666</td><td>Lobster Fishing Area 20b3</td></tr><tr><td>25671</td><td>Lobster Fishing Area 20b4</td></tr><tr><td>25667</td><td>Lobster Fishing Area 20b5</td></tr><tr><td>25668</td><td>Lobster Fishing Area 20b6</td></tr><tr><td>25670</td><td>Lobster Fishing Area 20b7</td></tr><tr><td>25669</td><td>Lobster Fishing Area 20b8</td></tr><tr><td>25635</td><td>Lobster Fishing Area 21a</td></tr><tr><td>25634</td><td>Lobster Fishing Area 21b</td></tr></table> <p>Then the capture of the grid (Effort_detail.Grid_id) must be blocked.</p> <p>Ref table: Mv_dfo_region, Mv_fma, Mv_Grid</p>	Code_id	Description	25640	Lobster Fishing Area 17b	25656	Lobster Fishing Area 19a1	25658	Lobster Fishing Area 19a2	25657	Lobster Fishing Area 19a3	25636	Lobster Fishing Area 19b	25659	Lobster Fishing Area 19c1	25660	Lobster Fishing Area 19c2	25662	Lobster Fishing Area 20a10	25661	Lobster Fishing Area 20a1	25673	Lobster Fishing Area 20a2	25672	Lobster Fishing Area 20a3a	25674	Lobster Fishing Area 20a3	25675	Lobster Fishing Area 20a4	25676	Lobster Fishing Area 20a5	25677	Lobster Fishing Area 20a6	25678	Lobster Fishing Area 20a7	25679	Lobster Fishing Area 20a8	25663	Lobster Fishing Area 20a9a	25680	Lobster Fishing Area 20a9	25664	Lobster Fishing Area 20b1	25665	Lobster Fishing Area 20b2	25666	Lobster Fishing Area 20b3	25671	Lobster Fishing Area 20b4	25667	Lobster Fishing Area 20b5	25668	Lobster Fishing Area 20b6	25670	Lobster Fishing Area 20b7	25669	Lobster Fishing Area 20b8	25635	Lobster Fishing Area 21a	25634	Lobster Fishing Area 21b
Code_id	Description																																																														
25640	Lobster Fishing Area 17b																																																														
25656	Lobster Fishing Area 19a1																																																														
25658	Lobster Fishing Area 19a2																																																														
25657	Lobster Fishing Area 19a3																																																														
25636	Lobster Fishing Area 19b																																																														
25659	Lobster Fishing Area 19c1																																																														
25660	Lobster Fishing Area 19c2																																																														
25662	Lobster Fishing Area 20a10																																																														
25661	Lobster Fishing Area 20a1																																																														
25673	Lobster Fishing Area 20a2																																																														
25672	Lobster Fishing Area 20a3a																																																														
25674	Lobster Fishing Area 20a3																																																														
25675	Lobster Fishing Area 20a4																																																														
25676	Lobster Fishing Area 20a5																																																														
25677	Lobster Fishing Area 20a6																																																														
25678	Lobster Fishing Area 20a7																																																														
25679	Lobster Fishing Area 20a8																																																														
25663	Lobster Fishing Area 20a9a																																																														
25680	Lobster Fishing Area 20a9																																																														
25664	Lobster Fishing Area 20b1																																																														
25665	Lobster Fishing Area 20b2																																																														
25666	Lobster Fishing Area 20b3																																																														
25671	Lobster Fishing Area 20b4																																																														
25667	Lobster Fishing Area 20b5																																																														
25668	Lobster Fishing Area 20b6																																																														
25670	Lobster Fishing Area 20b7																																																														
25669	Lobster Fishing Area 20b8																																																														
25635	Lobster Fishing Area 21a																																																														
25634	Lobster Fishing Area 21b																																																														
1012	GENERAL_INFO	REG_ID	If the DFO administrative region is Quebec (General_info.Reg_id=1006)																																																												
	EFFORT	FMA_ID																																																													

General rules – restrictions on data elements																																																															
Rule No.	Node(s)	Element(s)	Rule																																																												
	EFFORT_DETAIL	GRID_ID	<p>and the Fishery Management area (Effort.Fma_id) is NOT one of:</p> <table><thead><tr><th>Code_id</th><th>Description</th></tr></thead><tbody><tr><td>25640</td><td>Lobster Fishing Area 17b</td></tr><tr><td>25656</td><td>Lobster Fishing Area 19a1</td></tr><tr><td>25658</td><td>Lobster Fishing Area 19a2</td></tr><tr><td>25657</td><td>Lobster Fishing Area 19a3</td></tr><tr><td>25636</td><td>Lobster Fishing Area 19b</td></tr><tr><td>25659</td><td>Lobster Fishing Area 19c1</td></tr><tr><td>25660</td><td>Lobster Fishing Area 19c2</td></tr><tr><td>25662</td><td>Lobster Fishing Area 20a10</td></tr><tr><td>25661</td><td>Lobster Fishing Area 20a1</td></tr><tr><td>25673</td><td>Lobster Fishing Area 20a2</td></tr><tr><td>25672</td><td>Lobster Fishing Area 20a3a</td></tr><tr><td>25674</td><td>Lobster Fishing Area 20a3</td></tr><tr><td>25675</td><td>Lobster Fishing Area 20a4</td></tr><tr><td>25676</td><td>Lobster Fishing Area 20a5</td></tr><tr><td>25677</td><td>Lobster Fishing Area 20a6</td></tr><tr><td>25678</td><td>Lobster Fishing Area 20a7</td></tr><tr><td>25679</td><td>Lobster Fishing Area 20a8</td></tr><tr><td>25663</td><td>Lobster Fishing Area 20a9a</td></tr><tr><td>25680</td><td>Lobster Fishing Area 20a9</td></tr><tr><td>25664</td><td>Lobster Fishing Area 20b1</td></tr><tr><td>25665</td><td>Lobster Fishing Area 20b2</td></tr><tr><td>25666</td><td>Lobster Fishing Area 20b3</td></tr><tr><td>25671</td><td>Lobster Fishing Area 20b4</td></tr><tr><td>25667</td><td>Lobster Fishing Area 20b5</td></tr><tr><td>25668</td><td>Lobster Fishing Area 20b6</td></tr><tr><td>25670</td><td>Lobster Fishing Area 20b7</td></tr><tr><td>25669</td><td>Lobster Fishing Area 20b8</td></tr><tr><td>25635</td><td>Lobster Fishing Area 21a</td></tr><tr><td>25634</td><td>Lobster Fishing Area 21b</td></tr></tbody></table> <p>Then the capture of the grid (Effort_detail.Grid_id) is mandatory.</p> <p>Ref table: Mv_dfo_region, Mv_fma, Mv_Grid</p>	Code_id	Description	25640	Lobster Fishing Area 17b	25656	Lobster Fishing Area 19a1	25658	Lobster Fishing Area 19a2	25657	Lobster Fishing Area 19a3	25636	Lobster Fishing Area 19b	25659	Lobster Fishing Area 19c1	25660	Lobster Fishing Area 19c2	25662	Lobster Fishing Area 20a10	25661	Lobster Fishing Area 20a1	25673	Lobster Fishing Area 20a2	25672	Lobster Fishing Area 20a3a	25674	Lobster Fishing Area 20a3	25675	Lobster Fishing Area 20a4	25676	Lobster Fishing Area 20a5	25677	Lobster Fishing Area 20a6	25678	Lobster Fishing Area 20a7	25679	Lobster Fishing Area 20a8	25663	Lobster Fishing Area 20a9a	25680	Lobster Fishing Area 20a9	25664	Lobster Fishing Area 20b1	25665	Lobster Fishing Area 20b2	25666	Lobster Fishing Area 20b3	25671	Lobster Fishing Area 20b4	25667	Lobster Fishing Area 20b5	25668	Lobster Fishing Area 20b6	25670	Lobster Fishing Area 20b7	25669	Lobster Fishing Area 20b8	25635	Lobster Fishing Area 21a	25634	Lobster Fishing Area 21b
Code_id	Description																																																														
25640	Lobster Fishing Area 17b																																																														
25656	Lobster Fishing Area 19a1																																																														
25658	Lobster Fishing Area 19a2																																																														
25657	Lobster Fishing Area 19a3																																																														
25636	Lobster Fishing Area 19b																																																														
25659	Lobster Fishing Area 19c1																																																														
25660	Lobster Fishing Area 19c2																																																														
25662	Lobster Fishing Area 20a10																																																														
25661	Lobster Fishing Area 20a1																																																														
25673	Lobster Fishing Area 20a2																																																														
25672	Lobster Fishing Area 20a3a																																																														
25674	Lobster Fishing Area 20a3																																																														
25675	Lobster Fishing Area 20a4																																																														
25676	Lobster Fishing Area 20a5																																																														
25677	Lobster Fishing Area 20a6																																																														
25678	Lobster Fishing Area 20a7																																																														
25679	Lobster Fishing Area 20a8																																																														
25663	Lobster Fishing Area 20a9a																																																														
25680	Lobster Fishing Area 20a9																																																														
25664	Lobster Fishing Area 20b1																																																														
25665	Lobster Fishing Area 20b2																																																														
25666	Lobster Fishing Area 20b3																																																														
25671	Lobster Fishing Area 20b4																																																														
25667	Lobster Fishing Area 20b5																																																														
25668	Lobster Fishing Area 20b6																																																														
25670	Lobster Fishing Area 20b7																																																														
25669	Lobster Fishing Area 20b8																																																														
25635	Lobster Fishing Area 21a																																																														
25634	Lobster Fishing Area 21b																																																														
616	EFFORT_DETAIL	GRID_ID LAT LONG	<p>The grid (Effort_detail.Grid_id) must cover the position recorded (Effort_detail.Lat and Effort_detail.Long).</p> <p>Ref table: Mv_Grid</p>																																																												
	EFFORT	FMA_ID																																																													

General rules – restrictions on data elements																															
Rule No.	Node(s)	Element(s)	Rule																												
617	EFFORT_DETAIL	LAT	Latitude boundaries of each Fishery Management Area (Effort.Fma_id) are listed in Appendix B. The latitude (Effort_detail.Lat) must be between these limits. Ref table: Mv_fma																												
618	EFFORT	FMA_ID	Longitude boundaries of each Fishery Management Area (Effort.Fma_id) are listed in Appendix B. The longitude (Effort_detail.Long) must be between these limits. Ref table: Mv_fma																												
	EFFORT_DETAIL	LONG																													
619	EFFORT_DETAIL	LGRID_ID	The Lobster catch and settlement grid (Effort_detail.Lgrid_id) must be MANDATORY if the fishery management area (Effort.Fma_id) is one of : <table><thead><tr><th><u>Code_id</u></th><th><u>Description</u></th></tr></thead><tbody><tr><td>1581</td><td>Lobster Fishing Area 27</td></tr><tr><td>1582</td><td>Lobster Fishing Area 28</td></tr><tr><td>1583</td><td>Lobster Fishing Area 29</td></tr><tr><td>1584</td><td>Lobster Fishing Area 30</td></tr><tr><td>1585</td><td>Lobster Fishing Area 31a</td></tr><tr><td>1586</td><td>Lobster Fishing Area 31b</td></tr><tr><td>1587</td><td>Lobster Fishing Area 32</td></tr><tr><td>1588</td><td>Lobster Fishing Area 33</td></tr><tr><td>1589</td><td>Lobster Fishing Area 34</td></tr><tr><td>1590</td><td>Lobster Fishing Area 35</td></tr><tr><td>1591</td><td>Lobster Fishing Area 36</td></tr><tr><td>1592</td><td>Lobster Fishing Area 37</td></tr><tr><td>1593</td><td>Lobster Fishing Area 38</td></tr></tbody></table> Otherwise, Effort_detail.Lgrid_id must be blocked . Ref table: Mv_fma	<u>Code_id</u>	<u>Description</u>	1581	Lobster Fishing Area 27	1582	Lobster Fishing Area 28	1583	Lobster Fishing Area 29	1584	Lobster Fishing Area 30	1585	Lobster Fishing Area 31a	1586	Lobster Fishing Area 31b	1587	Lobster Fishing Area 32	1588	Lobster Fishing Area 33	1589	Lobster Fishing Area 34	1590	Lobster Fishing Area 35	1591	Lobster Fishing Area 36	1592	Lobster Fishing Area 37	1593	Lobster Fishing Area 38
	<u>Code_id</u>	<u>Description</u>																													
1581	Lobster Fishing Area 27																														
1582	Lobster Fishing Area 28																														
1583	Lobster Fishing Area 29																														
1584	Lobster Fishing Area 30																														
1585	Lobster Fishing Area 31a																														
1586	Lobster Fishing Area 31b																														
1587	Lobster Fishing Area 32																														
1588	Lobster Fishing Area 33																														
1589	Lobster Fishing Area 34																														
1590	Lobster Fishing Area 35																														
1591	Lobster Fishing Area 36																														
1592	Lobster Fishing Area 37																														
1593	Lobster Fishing Area 38																														
	EFFORT	FMA_ID																													

General rules – restrictions on data elements			
Rule No.	Node(s)	Element(s)	Rule
620	EFFORT_DETAIL	LGRID_ID	<p>The Lobster catch and settlement grid (Effort_detail.Lgrid_id) must be valid against the fishery management area (Effort.Fma_id).</p> <p>One record must be found in table MV_LCSG_VS_FMA where column FMA_CODE_ID is equal to Effort.Fma_id and LGRID_CODE_ID is equal to Effort_detail.Lgrid_id.</p> <p>If no record is found, the Lobster catch and settlement grid (Effort_detail.Lgrid_id) is considered invalid against the Fishery Management Area (Effort.Fma_id).</p> <p>Ref table: Mv_lcsг_vs_fma</p>
	EFFORT	FMA_ID	
621	EFFORT_DETAIL	STAT_SECT_ID	<p>If the fishing area (Effort.Fma_id) is in the following list, then entering the statistical section (Effort_detail.Stat_sect_id) is mandatory, otherwise, the field is blocked.</p> <p><u>Code_id</u> <u>Description</u></p> <p>1653 Lobster Fishing Area 03</p> <p>2073 Lobster Fishing Area 04a</p> <p>1654 Lobster Fishing Area 04b</p> <p>1655 Lobster Fishing Area 05</p> <p>2075 Lobster Fishing Area 06</p> <p>2077 Lobster Fishing Area 07</p> <p>2079 Lobster Fishing Area 08</p> <p>39674 Lobster Fishing Area 09a</p> <p>39675 Lobster Fishing Area 09b</p> <p>2083 Lobster Fishing Area 10</p> <p>2085 Lobster Fishing Area 11</p> <p>2087 Lobster Fishing Area 12</p> <p>2089 Lobster Fishing Area 13a</p> <p>2091 Lobster Fishing Area 13b</p> <p>2093 Lobster Fishing Area 14a</p> <p>2095 Lobster Fishing Area 14b</p> <p>2097 Lobster Fishing Area 14c</p> <p>Ref table: Mv_fma</p>
	EFFORT	FMA_ID	

General rules – restrictions on data elements			
Rule No.	Node(s)	Element(s)	Rule
622	EFFORT_DETAIL	STAT_SECT_ID	<p>The statistical section (Effort_detail.Stat_sect_id) must be valid against the fishery management area (Effort.Fma_id).</p> <p>One record must be found in table MV_STAT_SECTION_VS_FMA where column FMA_CODE_ID is equal to Effort.Fma_id and STAT_SECT_CODE_ID is equal to Effort_detail.Stat_sect_id.</p> <p>If no record is found, the Statistical section (Effort_detail.Stat_sect_id) is considered invalid against the Fishery Management Area (Effort.Fma_id).</p> <p>Ref table: Mv_stat_section_vs_fma</p> <p><u>Appendix C</u> shows the valid combinations.</p>
	EFFORT	FMA_ID	

General rules – restrictions on data elements			
Rule No.	Node(s)	Element(s)	Rule
623	EFFORT	FMA_ID	<p>When the fishery management area (Effort.Fma_id) is NOT one of:</p> <p><u>Code_id</u> — <u>Description</u></p> <p>25656 — Lobster fishing area 19a1</p> <p>25657 — Lobster fishing area 19a3</p> <p>25658 — Lobster fishing area 19a2</p> <p>25636 — Lobster fishing area 19b</p> <p>25659 — Lobster fishing area 19c1</p> <p>25660 — Lobster fishing area 19c2</p> <p>25661 — Lobster fishing area 20a1</p> <p>25662 — Lobster fishing area 20a10</p> <p>25673 — Lobster fishing area 20a2</p> <p>25674 — Lobster fishing area 20a3</p> <p>25672 — Lobster fishing area 20a3a</p> <p>25675 — Lobster fishing area 20a4</p> <p>25676 — Lobster fishing area 20a5</p> <p>25677 — Lobster fishing area 20a6</p> <p>25678 — Lobster fishing area 20a7</p> <p>25679 — Lobster fishing area 20a8</p> <p>25680 — Lobster fishing area 20a9</p> <p>25663 — Lobster fishing area 20a9a</p> <p>25664 — Lobster fishing area 20b1</p> <p>25665 — Lobster fishing area 20b2</p> <p>25666 — Lobster fishing area 20b3</p> <p>25671 — Lobster fishing area 20b4</p> <p>25667 — Lobster fishing area 20b5</p> <p>25668 — Lobster fishing area 20b6</p> <p>25670 — Lobster fishing area 20b7</p> <p>25669 — Lobster fishing area 20b8</p> <p>25635 — Lobster fishing area 21a</p> <p>25634 — Lobster fishing area 21b</p> <p>Then the capture of the number of lobsters V-notched (Effort_detail.Nb_vntch) must be blocked.</p> <p>Ref table: Mv_fma</p>
	EFFORT_DETAIL	NB_VNTCH	

General rules – restrictions on data elements																																																													
Rule No.	Node(s)	Element(s)	Rule																																																										
624	EFFORT	FMA_ID	When the fishery management area (Effort.Fma_id) is one of : <table><thead><tr><th>Code_id</th><th>Description</th></tr></thead><tbody><tr><td>25656</td><td>Lobster fishing area 19a1</td></tr><tr><td>25657</td><td>Lobster fishing area 19a3</td></tr><tr><td>25658</td><td>Lobster fishing area 19a2</td></tr><tr><td>25636</td><td>Lobster fishing area 19b</td></tr><tr><td>25659</td><td>Lobster fishing area 19c1</td></tr><tr><td>25660</td><td>Lobster fishing area 19c2</td></tr><tr><td>25661</td><td>Lobster fishing area 20a1</td></tr><tr><td>25662</td><td>Lobster fishing area 20a10</td></tr><tr><td>25673</td><td>Lobster fishing area 20a2</td></tr><tr><td>25674</td><td>Lobster fishing area 20a3</td></tr><tr><td>25672</td><td>Lobster fishing area 20a3a</td></tr><tr><td>25675</td><td>Lobster fishing area 20a4</td></tr><tr><td>25676</td><td>Lobster fishing area 20a5</td></tr><tr><td>25677</td><td>Lobster fishing area 20a6</td></tr><tr><td>25678</td><td>Lobster fishing area 20a7</td></tr><tr><td>25679</td><td>Lobster fishing area 20a8</td></tr><tr><td>25680</td><td>Lobster fishing area 20a9</td></tr><tr><td>25663</td><td>Lobster fishing area 20a9a</td></tr><tr><td>25664</td><td>Lobster fishing area 20b1</td></tr><tr><td>25665</td><td>Lobster fishing area 20b2</td></tr><tr><td>25666</td><td>Lobster fishing area 20b3</td></tr><tr><td>25671</td><td>Lobster fishing area 20b4</td></tr><tr><td>25667</td><td>Lobster fishing area 20b5</td></tr><tr><td>25668</td><td>Lobster fishing area 20b6</td></tr><tr><td>25670</td><td>Lobster fishing area 20b7</td></tr><tr><td>25669</td><td>Lobster fishing area 20b8</td></tr><tr><td>25635</td><td>Lobster fishing area 21a</td></tr><tr><td>25634</td><td>Lobster fishing area 21b</td></tr></tbody></table> Then, the capture of the number of lobster V-notched is mandatory, otherwise it is blocked. Ref table: Mv_fma	Code_id	Description	25656	Lobster fishing area 19a1	25657	Lobster fishing area 19a3	25658	Lobster fishing area 19a2	25636	Lobster fishing area 19b	25659	Lobster fishing area 19c1	25660	Lobster fishing area 19c2	25661	Lobster fishing area 20a1	25662	Lobster fishing area 20a10	25673	Lobster fishing area 20a2	25674	Lobster fishing area 20a3	25672	Lobster fishing area 20a3a	25675	Lobster fishing area 20a4	25676	Lobster fishing area 20a5	25677	Lobster fishing area 20a6	25678	Lobster fishing area 20a7	25679	Lobster fishing area 20a8	25680	Lobster fishing area 20a9	25663	Lobster fishing area 20a9a	25664	Lobster fishing area 20b1	25665	Lobster fishing area 20b2	25666	Lobster fishing area 20b3	25671	Lobster fishing area 20b4	25667	Lobster fishing area 20b5	25668	Lobster fishing area 20b6	25670	Lobster fishing area 20b7	25669	Lobster fishing area 20b8	25635	Lobster fishing area 21a	25634	Lobster fishing area 21b
	Code_id	Description																																																											
25656	Lobster fishing area 19a1																																																												
25657	Lobster fishing area 19a3																																																												
25658	Lobster fishing area 19a2																																																												
25636	Lobster fishing area 19b																																																												
25659	Lobster fishing area 19c1																																																												
25660	Lobster fishing area 19c2																																																												
25661	Lobster fishing area 20a1																																																												
25662	Lobster fishing area 20a10																																																												
25673	Lobster fishing area 20a2																																																												
25674	Lobster fishing area 20a3																																																												
25672	Lobster fishing area 20a3a																																																												
25675	Lobster fishing area 20a4																																																												
25676	Lobster fishing area 20a5																																																												
25677	Lobster fishing area 20a6																																																												
25678	Lobster fishing area 20a7																																																												
25679	Lobster fishing area 20a8																																																												
25680	Lobster fishing area 20a9																																																												
25663	Lobster fishing area 20a9a																																																												
25664	Lobster fishing area 20b1																																																												
25665	Lobster fishing area 20b2																																																												
25666	Lobster fishing area 20b3																																																												
25671	Lobster fishing area 20b4																																																												
25667	Lobster fishing area 20b5																																																												
25668	Lobster fishing area 20b6																																																												
25670	Lobster fishing area 20b7																																																												
25669	Lobster fishing area 20b8																																																												
25635	Lobster fishing area 21a																																																												
25634	Lobster fishing area 21b																																																												
	EFFORT_DETAIL	NB_VNTCH																																																											

General rules – restrictions on data elements																																																																																							
Rule No.	Node(s)	Element(s)	Rule																																																																																				
625	EFFORT	FMA_ID	When the fishery management area (Effort.Fma_id) is NOT one of : <table><thead><tr><th><u>Code_id</u></th><th><u>Description</u></th></tr></thead><tbody><tr><td>2071</td><td>Lobster Fishing Area 01</td></tr><tr><td>1652</td><td>Lobster Fishing Area 02</td></tr><tr><td>1653</td><td>Lobster Fishing Area 03</td></tr><tr><td>2073</td><td>Lobster Fishing Area 04a</td></tr><tr><td>1654</td><td>Lobster Fishing Area 04b</td></tr><tr><td>1655</td><td>Lobster Fishing Area 05</td></tr><tr><td>2075</td><td>Lobster Fishing Area 06</td></tr><tr><td>2077</td><td>Lobster Fishing Area 07</td></tr><tr><td>2079</td><td>Lobster Fishing Area 08</td></tr><tr><td>39674</td><td>Lobster Fishing Area 09a</td></tr><tr><td>39675</td><td>Lobster Fishing Area 09b</td></tr><tr><td>2083</td><td>Lobster Fishing Area 10</td></tr><tr><td>2085</td><td>Lobster Fishing Area 11</td></tr><tr><td>2087</td><td>Lobster Fishing Area 12</td></tr><tr><td>2089</td><td>Lobster Fishing Area 13a</td></tr><tr><td>2091</td><td>Lobster Fishing Area 13b</td></tr><tr><td>2093</td><td>Lobster Fishing Area 14a</td></tr><tr><td>2095</td><td>Lobster Fishing Area 14b</td></tr><tr><td>2097</td><td>Lobster Fishing Area 14c</td></tr><tr><td>25656</td><td>Lobster fishing area 19a1</td></tr><tr><td>25657</td><td>Lobster fishing area 19a3</td></tr><tr><td>25658</td><td>Lobster fishing area 19a2</td></tr><tr><td>25636</td><td>Lobster fishing area 19b</td></tr><tr><td>25659</td><td>Lobster fishing area 19c1</td></tr><tr><td>25660</td><td>Lobster fishing area 19c2</td></tr><tr><td>25661</td><td>Lobster fishing area 20a1</td></tr><tr><td>25662</td><td>Lobster fishing area 20a10</td></tr><tr><td>25673</td><td>Lobster fishing area 20a2</td></tr><tr><td>25674</td><td>Lobster fishing area 20a3</td></tr><tr><td>25672</td><td>Lobster fishing area 20a3a</td></tr><tr><td>25675</td><td>Lobster fishing area 20a4</td></tr><tr><td>25676</td><td>Lobster fishing area 20a5</td></tr><tr><td>25677</td><td>Lobster fishing area 20a6</td></tr><tr><td>25678</td><td>Lobster fishing area 20a7</td></tr><tr><td>25679</td><td>Lobster fishing area 20a8</td></tr><tr><td>25680</td><td>Lobster fishing area 20a9</td></tr><tr><td>25663</td><td>Lobster fishing area 20a9a</td></tr><tr><td>25664</td><td>Lobster fishing area 20b1</td></tr><tr><td>25665</td><td>Lobster fishing area 20b2</td></tr><tr><td>25666</td><td>Lobster fishing area 20b3</td></tr><tr><td>25671</td><td>Lobster fishing area 20b4</td></tr></tbody></table>	<u>Code_id</u>	<u>Description</u>	2071	Lobster Fishing Area 01	1652	Lobster Fishing Area 02	1653	Lobster Fishing Area 03	2073	Lobster Fishing Area 04a	1654	Lobster Fishing Area 04b	1655	Lobster Fishing Area 05	2075	Lobster Fishing Area 06	2077	Lobster Fishing Area 07	2079	Lobster Fishing Area 08	39674	Lobster Fishing Area 09a	39675	Lobster Fishing Area 09b	2083	Lobster Fishing Area 10	2085	Lobster Fishing Area 11	2087	Lobster Fishing Area 12	2089	Lobster Fishing Area 13a	2091	Lobster Fishing Area 13b	2093	Lobster Fishing Area 14a	2095	Lobster Fishing Area 14b	2097	Lobster Fishing Area 14c	25656	Lobster fishing area 19a1	25657	Lobster fishing area 19a3	25658	Lobster fishing area 19a2	25636	Lobster fishing area 19b	25659	Lobster fishing area 19c1	25660	Lobster fishing area 19c2	25661	Lobster fishing area 20a1	25662	Lobster fishing area 20a10	25673	Lobster fishing area 20a2	25674	Lobster fishing area 20a3	25672	Lobster fishing area 20a3a	25675	Lobster fishing area 20a4	25676	Lobster fishing area 20a5	25677	Lobster fishing area 20a6	25678	Lobster fishing area 20a7	25679	Lobster fishing area 20a8	25680	Lobster fishing area 20a9	25663	Lobster fishing area 20a9a	25664	Lobster fishing area 20b1	25665	Lobster fishing area 20b2	25666	Lobster fishing area 20b3	25671	Lobster fishing area 20b4
	<u>Code_id</u>	<u>Description</u>																																																																																					
2071	Lobster Fishing Area 01																																																																																						
1652	Lobster Fishing Area 02																																																																																						
1653	Lobster Fishing Area 03																																																																																						
2073	Lobster Fishing Area 04a																																																																																						
1654	Lobster Fishing Area 04b																																																																																						
1655	Lobster Fishing Area 05																																																																																						
2075	Lobster Fishing Area 06																																																																																						
2077	Lobster Fishing Area 07																																																																																						
2079	Lobster Fishing Area 08																																																																																						
39674	Lobster Fishing Area 09a																																																																																						
39675	Lobster Fishing Area 09b																																																																																						
2083	Lobster Fishing Area 10																																																																																						
2085	Lobster Fishing Area 11																																																																																						
2087	Lobster Fishing Area 12																																																																																						
2089	Lobster Fishing Area 13a																																																																																						
2091	Lobster Fishing Area 13b																																																																																						
2093	Lobster Fishing Area 14a																																																																																						
2095	Lobster Fishing Area 14b																																																																																						
2097	Lobster Fishing Area 14c																																																																																						
25656	Lobster fishing area 19a1																																																																																						
25657	Lobster fishing area 19a3																																																																																						
25658	Lobster fishing area 19a2																																																																																						
25636	Lobster fishing area 19b																																																																																						
25659	Lobster fishing area 19c1																																																																																						
25660	Lobster fishing area 19c2																																																																																						
25661	Lobster fishing area 20a1																																																																																						
25662	Lobster fishing area 20a10																																																																																						
25673	Lobster fishing area 20a2																																																																																						
25674	Lobster fishing area 20a3																																																																																						
25672	Lobster fishing area 20a3a																																																																																						
25675	Lobster fishing area 20a4																																																																																						
25676	Lobster fishing area 20a5																																																																																						
25677	Lobster fishing area 20a6																																																																																						
25678	Lobster fishing area 20a7																																																																																						
25679	Lobster fishing area 20a8																																																																																						
25680	Lobster fishing area 20a9																																																																																						
25663	Lobster fishing area 20a9a																																																																																						
25664	Lobster fishing area 20b1																																																																																						
25665	Lobster fishing area 20b2																																																																																						
25666	Lobster fishing area 20b3																																																																																						
25671	Lobster fishing area 20b4																																																																																						
	EFFORT_DETAIL	NB_VNTCH_YOU																																																																																					

General rules – restrictions on data elements			
Rule No.	Node(s)	Element(s)	Rule
			25667 Lobster fishing area 20b5 25668 Lobster fishing area 20b6 25670 Lobster fishing area 20b7 25669 Lobster fishing area 20b8 25635 Lobster fishing area 21a 25634 Lobster fishing area 21b Then the capture of the number of lobsters V-notched by the fisher must be blocked. Ref table: Mv_fma
626	EFFORT	FMA_ID	When the fishery management area (Effort.Fma_id) is one of : <u>Code_id</u> <u>Description</u> 25656 Lobster fishing area 19a1 25657 Lobster fishing area 19a3 25658 Lobster fishing area 19a2 25636 Lobster fishing area 19b 25659 Lobster fishing area 19c1 25660 Lobster fishing area 19c2 25661 Lobster fishing area 20a1 25662 Lobster fishing area 20a10 25673 Lobster fishing area 20a2 25674 Lobster fishing area 20a3 25672 Lobster fishing area 20a3a 25675 Lobster fishing area 20a4 25676 Lobster fishing area 20a5 25677 Lobster fishing area 20a6 25678 Lobster fishing area 20a7 25679 Lobster fishing area 20a8 25680 Lobster fishing area 20a9 25663 Lobster fishing area 20a9a 25664 Lobster fishing area 20b1 25665 Lobster fishing area 20b2 25666 Lobster fishing area 20b3 25671 Lobster fishing area 20b4 25667 Lobster fishing area 20b5 25668 Lobster fishing area 20b6 25670 Lobster fishing area 20b7 25669 Lobster fishing area 20b8 25635 Lobster fishing area 21a 25634 Lobster fishing area 21b
	EFFORT_DETAIL	NB_VNTCH_YOU	

General rules – restrictions on data elements																																																																							
Rule No.	Node(s)	Element(s)	Rule																																																																				
			Then the capture of the number of lobsters V-notched by the fisher is mandatory. Ref table: Mv_fma																																																																				
975a	GENERAL_INFO	SUBFORM_ID	If the sub-form selected (General_info.Subform_id) is one of: <table><tr><th><u>Subform_id</u></th><th><u>Description</u></th></tr><tr><td>88</td><td>QC - Lobster</td></tr><tr><td>91</td><td>NL – Lobster</td></tr></table> then only the following species (Catch.specie_id) must be available and considered valid: <table><tr><th><u>Code_id</u></th><th><u>Description</u></th></tr><tr><td>1363</td><td>Bass, Striped</td></tr><tr><td>16683</td><td>Burbot</td></tr><tr><td>1277</td><td>Capelin</td></tr><tr><td>1280</td><td>Clams, Northern Propeller</td></tr><tr><td>1284</td><td>Cod, Atlantic</td></tr><tr><td>1302</td><td>Cod, Greenland</td></tr><tr><td>1917</td><td>Crab, Green</td></tr><tr><td>1286</td><td>Crab, Jonah</td></tr><tr><td>1311</td><td>Crab, Norway King</td></tr><tr><td>1288</td><td>Crab, Queen Snow</td></tr><tr><td>1287</td><td>Crab, Rock</td></tr><tr><td>1290</td><td>Crab, Spider</td></tr><tr><td>1285</td><td>Crab, Unspecified</td></tr><tr><td>1921</td><td>Cunner</td></tr><tr><td>1296</td><td>Eel, American</td></tr><tr><td>1299</td><td>Flatfishes, not specified</td></tr><tr><td>1373</td><td>Flounder, Witch</td></tr><tr><td>1303</td><td>Haddock</td></tr><tr><td>1304</td><td>Halibut, Atlantic</td></tr><tr><td>1300</td><td>Halibut, Greenland</td></tr><tr><td>3392</td><td>Herring, Atlantic</td></tr><tr><td>1941</td><td>Kelp (Brown Algae)</td></tr><tr><td>1312</td><td>Lobster</td></tr><tr><td>1314</td><td>Lumpfish</td></tr><tr><td>14869</td><td>Lumpfishes (Cyclopteridae)</td></tr><tr><td>1321</td><td>Pout, Ocean</td></tr><tr><td>14714</td><td>Sculpins (COTTIDAE)</td></tr><tr><td>1340</td><td>Sea Cucumber</td></tr><tr><td>15152</td><td>Sea Raven</td></tr><tr><td>1370</td><td>Sea Urchins</td></tr></table>	<u>Subform_id</u>	<u>Description</u>	88	QC - Lobster	91	NL – Lobster	<u>Code_id</u>	<u>Description</u>	1363	Bass, Striped	16683	Burbot	1277	Capelin	1280	Clams, Northern Propeller	1284	Cod, Atlantic	1302	Cod, Greenland	1917	Crab, Green	1286	Crab, Jonah	1311	Crab, Norway King	1288	Crab, Queen Snow	1287	Crab, Rock	1290	Crab, Spider	1285	Crab, Unspecified	1921	Cunner	1296	Eel, American	1299	Flatfishes, not specified	1373	Flounder, Witch	1303	Haddock	1304	Halibut, Atlantic	1300	Halibut, Greenland	3392	Herring, Atlantic	1941	Kelp (Brown Algae)	1312	Lobster	1314	Lumpfish	14869	Lumpfishes (Cyclopteridae)	1321	Pout, Ocean	14714	Sculpins (COTTIDAE)	1340	Sea Cucumber	15152	Sea Raven	1370	Sea Urchins
	<u>Subform_id</u>	<u>Description</u>																																																																					
88	QC - Lobster																																																																						
91	NL – Lobster																																																																						
<u>Code_id</u>	<u>Description</u>																																																																						
1363	Bass, Striped																																																																						
16683	Burbot																																																																						
1277	Capelin																																																																						
1280	Clams, Northern Propeller																																																																						
1284	Cod, Atlantic																																																																						
1302	Cod, Greenland																																																																						
1917	Crab, Green																																																																						
1286	Crab, Jonah																																																																						
1311	Crab, Norway King																																																																						
1288	Crab, Queen Snow																																																																						
1287	Crab, Rock																																																																						
1290	Crab, Spider																																																																						
1285	Crab, Unspecified																																																																						
1921	Cunner																																																																						
1296	Eel, American																																																																						
1299	Flatfishes, not specified																																																																						
1373	Flounder, Witch																																																																						
1303	Haddock																																																																						
1304	Halibut, Atlantic																																																																						
1300	Halibut, Greenland																																																																						
3392	Herring, Atlantic																																																																						
1941	Kelp (Brown Algae)																																																																						
1312	Lobster																																																																						
1314	Lumpfish																																																																						
14869	Lumpfishes (Cyclopteridae)																																																																						
1321	Pout, Ocean																																																																						
14714	Sculpins (COTTIDAE)																																																																						
1340	Sea Cucumber																																																																						
15152	Sea Raven																																																																						
1370	Sea Urchins																																																																						
	CATCH	SPECIE_ID																																																																					

General rules – restrictions on data elements			
Rule No.	Node(s)	Element(s)	Rule
			18238 Seaweeds, Red 16349 Silverside, Atlantic 1293 Spiny Dogfish 1367 Tomcod, Atlantic 1985 Whelk 1383 Wolffish, Atlantic Ref table: Mv_subforms, Mv_species
975b	GENERAL_INFO	REG_ID	If the sub-form selected (General_info.Subform_id) is one of: <u>Subform_id</u> <u>Description</u> 89 GLF – Lobster then the only the following species (Catch.specie_id) must be available and considered valid: <u>Code_id</u> <u>Description</u> 1921 Cunner 1312 Lobster 1287 Crab, Rock 14714 Sculpins (COTTIDAE) Ref table: Mv_subforms, Mv_species
	CATCH	SPECIE_ID	
975c	GENERAL_INFO	REG_ID	If the sub-form selected (General_info.Subform_id) is one of: <u>Subform_id</u> <u>Description</u> 90 MAR – Lobster then the only the following species (Catch.specie_id) must be available and considered valid: <u>Code_id</u> <u>Description</u> 1917 Crab, Green 1286 Crab, Jonah 1287 Crab, Rock 1921 Cunner 1312 Lobster 14714 Sculpins (COTTIDAE) Ref table: Mv_subforms, Mv_species
	CATCH	SPECIE_ID	

General rules – restrictions on data elements											
Rule No.	Node(s)	Element(s)	Rule								
272	CATCH	SPECIE_ID description	When the code of the species (CATCH.SPECIE_ID) is 14714, the French description of the species displayed by the client application must be “Chabots (COTTIDAE)/Chaboisseaux” instead of “Chabots (COTTIDAE)”								
40	CATCH	SPECIE_FRM_ID	Only the following values must be available and considered valid: <table><tr><td><u>Code_id</u></td><td><u>Description</u></td></tr><tr><td>4691</td><td>Round</td></tr></table> Ref table: Mv_species_product_form	<u>Code_id</u>	<u>Description</u>	4691	Round				
<u>Code_id</u>	<u>Description</u>										
4691	Round										
976	GENERAL_INFO	SUBFORM_ID	If the sub-form selected (General_info.Subform_id) is one of: <table><tr><td><u>Subform_id</u></td><td><u>Description</u></td></tr><tr><td>91</td><td>NL – Lobster</td></tr></table> and the species caught (Catch.Specie_id) is one of: <table><tr><td><u>Code_id</u></td><td><u>Description</u></td></tr><tr><td>1312</td><td>Lobster</td></tr></table> then the capture of the number of specimen kept (Catch.Nb_spcmn_kept) is mandatory. Ref table: Mv_subforms, Mv_species	<u>Subform_id</u>	<u>Description</u>	91	NL – Lobster	<u>Code_id</u>	<u>Description</u>	1312	Lobster
	<u>Subform_id</u>	<u>Description</u>									
91	NL – Lobster										
<u>Code_id</u>	<u>Description</u>										
1312	Lobster										
	CATCH	SPECIE_ID NB_SPCMN_KEPT									

General rules – restrictions on data elements											
Rule No.	Node(s)	Element(s)	Rule								
977	GENERAL_INFO	SUBFORM_ID	If the sub-form selected (General_info.Subform_id) is one of: <table><tr><td><u>Subform_id</u></td><td><u>Description</u></td></tr><tr><td>91</td><td>NL – Lobster</td></tr></table> and the species caught (Catch.Specie_id) is NOT one of: <table><tr><td><u>Code_id</u></td><td><u>Description</u></td></tr><tr><td>1312</td><td>Lobster</td></tr></table> then the capture of the number of specimen kept (Catch.Nb_spcmn_kept) must be blocked. Ref table: Mv_subforms, Mv_species	<u>Subform_id</u>	<u>Description</u>	91	NL – Lobster	<u>Code_id</u>	<u>Description</u>	1312	Lobster
	<u>Subform_id</u>	<u>Description</u>									
91	NL – Lobster										
<u>Code_id</u>	<u>Description</u>										
1312	Lobster										
	CATCH	SPECIE_ID NB_SPCMN_KEPT									
630	CATCH	KEPT_WT NB_SPCMN_DISC	In each occurrence of the CATCH node, at least one of the kept weight (Catch.Kept_wt) or the number of specimen discarded (Catch.Nb_spcmn_disc) must contain a value greater than or equal to 0.								
631	CATCH	SPECIE_ID KEPT_WT	If the species caught (Catch.Specie_id) is one of: <table><tr><td><u>Code_id</u></td><td><u>Description</u></td></tr><tr><td>1312</td><td>Lobster</td></tr></table> then the capture of the kept weight (Catch.Kept_wt) is mandatory. Ref table: Mv_species	<u>Code_id</u>	<u>Description</u>	1312	Lobster				
<u>Code_id</u>	<u>Description</u>										
1312	Lobster										

General rules – restrictions on data elements																	
Rule No.	Node(s)	Element(s)	Rule														
978a	GENERAL_INFO	SUBFORM_ID	If the sub-form selected (General_info.Subform_id) is one of: <table><tr><td><u>Subform_id</u></td><td><u>Description</u></td></tr><tr><td>88</td><td>QC - Lobster</td></tr><tr><td>91</td><td>NL – Lobster</td></tr></table> and the species caught (Catch.Specie_id) is NOT one of: <table><tr><td><u>Code_id</u></td><td><u>Description</u></td></tr><tr><td>1312</td><td>Lobster</td></tr><tr><td>1287</td><td>Crab, Rock</td></tr></table> then the kept weight (Catch.Kept_wt) must be blocked. Ref table: Mv_subforms, Mv_species	<u>Subform_id</u>	<u>Description</u>	88	QC - Lobster	91	NL – Lobster	<u>Code_id</u>	<u>Description</u>	1312	Lobster	1287	Crab, Rock		
	<u>Subform_id</u>	<u>Description</u>															
88	QC - Lobster																
91	NL – Lobster																
<u>Code_id</u>	<u>Description</u>																
1312	Lobster																
1287	Crab, Rock																
CATCH	SPECIE_ID KEPT_WT																
978b	GENERAL_INFO	SUBFORM_ID	If the sub-form selected (General_info.Subform_id) is one of: <table><tr><td><u>Subform_id</u></td><td><u>Description</u></td></tr><tr><td>89</td><td>GLF – Lobster</td></tr></table> and the species caught (Catch.Specie_id) is NOT one of: <table><tr><td><u>Code_id</u></td><td><u>Description</u></td></tr><tr><td>1312</td><td>Lobster</td></tr><tr><td>1287</td><td>Crab, Rock</td></tr><tr><td>1921</td><td>Cunner</td></tr><tr><td>14714</td><td>Sculpins (COTTIDAE)</td></tr></table> then the kept weight (Catch.Kept_wt) must be blocked. Ref table: Mv_subforms, Mv_species	<u>Subform_id</u>	<u>Description</u>	89	GLF – Lobster	<u>Code_id</u>	<u>Description</u>	1312	Lobster	1287	Crab, Rock	1921	Cunner	14714	Sculpins (COTTIDAE)
	<u>Subform_id</u>	<u>Description</u>															
89	GLF – Lobster																
<u>Code_id</u>	<u>Description</u>																
1312	Lobster																
1287	Crab, Rock																
1921	Cunner																
14714	Sculpins (COTTIDAE)																
CATCH	SPECIE_ID KEPT_WT																

General rules – restrictions on data elements			
Rule No.	Node(s)	Element(s)	Rule
978c	GENERAL_INFO	SUBFORM_ID	<p>If the sub-form selected (General_info.Subform_id) is one of:</p> <p><u>Subform_id</u> — <u>Description</u> 90 — MAR — Lobster</p> <p>and the species caught (Catch.Specie_id) is NOT one of:</p> <p><u>Code_id</u> — <u>Description</u> 1312 — Lobster 1287 — Crab, Rock 1917 — Crab, Green 1286 — Crab, Jonah 1921 — Cunner 14714 — Sculpins (COTTIDAE)</p> <p>then the kept weight (Catch.Kept_wt) must be blocked.</p> <p>Ref table: Mv_subforms, Mv_species</p>
	CATCH	SPECIE_ID KEPT_WT	
653	CATCH	SPECIE_ID NB_SPCMN_BRD	If the species caught is NOT Lobster (Catch.Specie_id<>1312), then the capture of the number of specimens berried (Catch.Nb_spcmn_brd) must be blocked.
654	EFFORT	FMA_ID	<p>If the fishing area is area 38b (Effort.Fma_id=28599) and the species is Lobster (Catch.Specie_id=1312) then the capture of the number of specimens berried (Catch.Nb_spcmn_brd) is mandatory.</p> <p>Note: Berried lobsters are all rejected at sea.</p>
	CATCH	SPECIE_ID NB_SPCMN_BRD	
655	EFFORT	FMA_ID	<p>If the fishing area is NOT area 38b (Effort.Fma_id<>28599) then the capture of the number of specimens berried (Catch.Nb_spcmn_brd) must be blocked.</p>
	CATCH	SPECIE_ID NB_SPCMN_BRD	
641	TRIP	USE_CR_IND	<p>If the indicator of use of a carrier is blocked or is equal to 'No' (Trip.Use_cr_ind='N') then the capture of the vessel registration number (Landing.Vrn) must be blocked.</p>
	LANDING	VRN	
642	TRIP	USE_CR_IND	<p>If the indicator of use of a carrier is equal to 'Yes' (Trip.Use_cr_ind='Y') then the capture of the vessel registration number (Landing.Vrn) is mandatory.</p>
	LANDING	VRN	

General rules – restrictions on data elements			
Rule No.	Node(s)	Element(s)	Rule
45	LANDING	START_DT	The landing date and time (Landing.Start_dt) must be later than or equal to the trip start date (Trip.Start_dt).
	TRIP	START_DT	
46	LANDING	START_DT	The landing date and time (Landing.Start_dt) must be later than or equal to the end date of the last fishing effort date and time (Effort.End_dt).
	EFFORT	END_DT	
980	LANDING	START_DT	<p>The following warning message must be displayed if the landing date/time is later than 24 hours past the current date and time:</p> <p>Warning message: “The landing date and time is later than 24 hours in the future, which could be an error. Please verify and correct if there is an error.”</p> <p><u>Note to developers:</u> A warning message is not an error message. The warning message does not block anything. It is just meant to alert the user of a potential input error.</p>
248	TRANSFER	TRNSF_DT	The date and time of the transfer (Transfer.Trnsf_dt) must be later than or equal to the trip start date (Trip.Start_dt).
	TRIP	START_DT	
251	TRANSFER	FROM_VRN/ FROM_PND_NUM	<p>If the node Transfer is used, only one of these two elements must contain a value:</p> <p>Transfer.From_vrn Transfer.From_pnd_num</p>
252	TRANSFER	TO_VRN/ TO_PND_NUM	<p>If the node Transfer is used, only one of these two elements must contain a value:</p> <p>Transfer.To_vrn Transfer.To_pnd_num</p>
249	TRANSFER_DTL	SPECIE_ID	<p>Only these values must be available and considered valid:</p> <p><u>Code_id</u> <u>Description</u> 1312 Lobster</p> <p>Ref table: Mv_species</p>

General rules – restrictions on data elements							
Rule No.	Node(s)	Element(s)	Rule				
250	TRANSFER_DTL	SPECIE_FRM_ID	<p>Only these values must be available and considered valid:</p> <table><thead><tr><th><u>Code_id</u></th><th><u>Description</u></th></tr></thead><tbody><tr><td>4691</td><td>Round</td></tr></tbody></table> <p>Ref table: Mv_species_product_form</p>	<u>Code_id</u>	<u>Description</u>	4691	Round
<u>Code_id</u>	<u>Description</u>						
4691	Round						

5.3 DFO instructions

DFO instructions are documents allowing DFO to provide complementary information and details directly to fish harvesters. These documents are provided by DFO.

Rule No.	Rule
2500	Instructions provided by DFO must be available when using the client application. DFO instructions files can be found in the technical package.
	Files
	<p><u>Files containing DFO instructions are:</u></p> <p>DFO instructions_NAT_234.3_ENG.pdf (English version)</p> <p>DFO instructions_NAT_234.3_FRE.pdf (French version)</p>

Appendix A: Fishery management areas

Code_id	Description	Code_id	Description
2071	Lobster Fishing Area 01	25676	Lobster Fishing Area 20a5
1652	Lobster Fishing Area 02	25677	Lobster Fishing Area 20a6
1653	Lobster Fishing Area 03	25678	Lobster Fishing Area 20a7
2073	Lobster Fishing Area 04a	25679	Lobster Fishing Area 20a8
1654	Lobster Fishing Area 04b	25663	Lobster Fishing Area 20a9a
1655	Lobster Fishing Area 05	25680	Lobster Fishing Area 20a9
2075	Lobster Fishing Area 06	25664	Lobster Fishing Area 20b1
2077	Lobster Fishing Area 07	25665	Lobster Fishing Area 20b2
2079	Lobster Fishing Area 08	25666	Lobster Fishing Area 20b3
39674	Lobster Fishing Area 09a	25671	Lobster Fishing Area 20b4
39675	Lobster Fishing Area 09b	25667	Lobster Fishing Area 20b5
2083	Lobster Fishing Area 10	25668	Lobster Fishing Area 20b6
2085	Lobster Fishing Area 11	25670	Lobster Fishing Area 20b7
2087	Lobster Fishing Area 12	25669	Lobster Fishing Area 20b8
2089	Lobster Fishing Area 13a	25635	Lobster Fishing Area 21a
2091	Lobster Fishing Area 13b	25634	Lobster Fishing Area 21b
2093	Lobster Fishing Area 14a	1534	Lobster Fishing Area 22
2095	Lobster Fishing Area 14b	39522	Lobster Fishing Area 23a
2097	Lobster Fishing Area 14c	39523	Lobster Fishing Area 23b
1526	Lobster Fishing Area 15	39524	Lobster Fishing Area 23c
1527	Lobster Fishing Area 16	39525	Lobster Fishing Area 23d
25641	Lobster Fishing Area 17a	1577	Lobster Fishing Area 24
25640	Lobster Fishing Area 17b	1578	Lobster Fishing Area 25
25626	Lobster Fishing Area 18a	39526	Lobster Fishing Area 26a1
25627	Lobster Fishing Area 18b	39527	Lobster Fishing Area 26a2
25628	Lobster Fishing Area 18c	39528	Lobster Fishing Area 26a3
25629	Lobster Fishing Area 18d	39529	Lobster Fishing Area 26b-North
25630	Lobster Fishing Area 18e	39530	Lobster Fishing Area 26b-South
25631	Lobster Fishing Area 18f	1581	Lobster Fishing Area 27
25632	Lobster Fishing Area 18g	1582	Lobster Fishing Area 28
25633	Lobster Fishing Area 18h	1583	Lobster Fishing Area 29
25637	Lobster Fishing Area 18i	1584	Lobster Fishing Area 30
44527	Lobster Fishing Area 19a-1a	1585	Lobster Fishing Area 31a
44528	Lobster Fishing Area 19a-1b	1586	Lobster Fishing Area 31b
44529	Lobster Fishing Area 19a-1c	1587	Lobster Fishing Area 32
44530	Lobster Fishing Area 19a-1d	1588	Lobster Fishing Area 33
44531	Lobster Fishing Area 19a-1e	1589	Lobster Fishing Area 34
44532	Lobster Fishing Area 19a-1f	1590	Lobster Fishing Area 35
44533	Lobster Fishing Area 19a-1g	1591	Lobster Fishing Area 36
44534	Lobster Fishing Area 19a-1h	1592	Lobster Fishing Area 37
25656	Lobster Fishing Area 19a1	1593	Lobster Fishing Area 38
25658	Lobster Fishing Area 19a2	1594	Lobster Fishing Area 40
25657	Lobster Fishing Area 19a3	1595	Lobster Fishing Area 41
25636	Lobster Fishing Area 19b	28599	Area 38b

25659	Lobster Fishing Area 19c1		
25660	Lobster Fishing Area 19c2		
25662	Lobster Fishing Area 20a10		
25661	Lobster Fishing Area 20a1		
25673	Lobster Fishing Area 20a2		
25672	Lobster Fishing Area 20a3a		
25674	Lobster Fishing Area 20a3		
25675	Lobster Fishing Area 20a4		

Appendix B – Position vs Fishery management area

Latitude (Effort_detail.Lat) and longitude (Effort_detail.Long) must respect the minimum and maximum boundaries specified below. The FMA to refer to is the one specified in the EFFORT node (Effort.Fma_id).

FMA	FMA-code (Effort.Fma_id)	Latitude (Effort_detail.Lat)		Longitude (Effort_detail.Long)	
		Minimum value (deg)	Maximum value (deg)	Minimum value (deg)	Maximum value (deg)
Lobster Fishing Area-01	2071	54.6667	61.0000	-64.5000	-50.0000
Lobster Fishing Area-02	1652	52.2500	54.6667	-60.3969	-50.0000
Lobster Fishing Area-03	1653	49.5413	52.2500	-56.5444	-47.6700
Lobster Fishing Area-04a	2073	49.3210	50.0000	-56.1872	-47.6700
Lobster Fishing Area-04b	1654	49.0293	50.0000	-55.3933	-47.6700
Lobster Fishing Area-05	1655	48.3359	49.2500	-54.1987	-47.6700
Lobster Fishing Area-06	2075	47.5142	48.7000	-53.9551	-47.6700
Lobster Fishing Area-07	2077	47.3857	48.1667	-53.2925	-47.6700
Lobster Fishing Area-08	2079	43.4639	47.8100	-53.0833	-47.6700
Lobster Fishing Area-09a	39674	43.4639	46.7726	-53.5316	-53.0833
Lobster Fishing Area-09b	39675	43.4639	47.2175	-54.5000	-53.5316
Lobster Fishing Area-10	2083	43.4639	47.8822	-55.9833	-53.7851
Lobster Fishing Area-11	2085	44.4167	47.9541	-58.1500	-54.7411
Lobster Fishing Area-12	2087	46.2833	47.8234	-59.5833	-58.1500
Lobster Fishing Area-13a	2089	47.5000	48.4667	-60.0000	-58.2706
Lobster Fishing Area-13b	2091	48.4667	49.4167	-60.0000	-57.8523
Lobster Fishing Area-14a	2093	49.4167	50.6842	-60.0000	-57.1552
Lobster Fishing Area-14b	2095	50.6842	51.4167	-58.0000	-56.4667
Lobster Fishing Area-14c	2097	51.4167	52.2500	-57.1125	-55.4333
Lobster Fishing Area-15	1526	49.8500	51.5228	-63.0000	-59.9111
Lobster Fishing Area-16	1527	49.4167	50.2819	-61.2667	-59.3917
Lobster Fishing Area-17a	25641	49.0250	49.8117	-64.6250	-63.4000
Lobster Fishing Area-17b	25640	47.8333	50.1083	-65.0000	-60.0000
Lobster Fishing Area-18a	25626	48.0417	49.2333	-69.7008	-67.6692
Lobster Fishing Area-18b	25627	48.9428	49.8333	-68.1278	-66.3667
Lobster Fishing Area-18c	25628	49.4014	50.1083	-67.0361	-65.8775

FMA	FMA-code (Effort.Fma_id)	Latitude (Effort_detail.Lat)		Longitude (Effort_detail.Long)	
		Minimum value (deg)	Maximum value (deg)	Minimum value (deg)	Maximum value (deg)
Lobster Fishing Area 18d	25629	49.5678	50.2833	-66.7000	-65.2758
Lobster Fishing Area 18e	25630	49.7681	50.3031	-65.5028	-64.6333
Lobster Fishing Area 18f	25631	49.9939	50.2833	-64.6333	-63.6667
Lobster Fishing Area 18g	25632	49.9939	50.3100	-63.6667	-62.9000
Lobster Fishing Area 18h	25633	49.8817	50.3100	-62.9000	-61.5450
Lobster Fishing Area 18i	25637	49.8417	50.1736	-61.5450	-61.2667
Lobster Fishing Area 19a1	25656	46.6017	49.5500	-70.8111	-65.9417
Lobster Fishing Area 19a2	25658	49.2292	49.7083	-65.9417	-65.4333
Lobster Fishing Area 19a3	25657	49.2000	70.8111	-65.4333	-64.7333
Lobster Fishing Area 19b	25636	49.0089	49.6750	-64.9167	-64.0833
Lobster Fishing Area 19c1	25659	48.8631	49.2250	-64.4000	-63.8224
Lobster Fishing Area 19c2	25660	48.5000	49.0579	-64.5557	-63.0000
Lobster Fishing Area 20a10	25662	48.2042	48.3722	-64.6933	-64.5000
Lobster Fishing Area 20a1	25661	48.7167	48.8417	-64.4750	-64.1642
Lobster Fishing Area 20a2	25673	48.4093	48.8417	-64.5592	-63.0000
Lobster Fishing Area 20a3a	25672	48.3446	48.5322	-64.2208	-63.5461
Lobster Fishing Area 20a3	25674	48.3446	48.6167	-64.4346	-63.3195
Lobster Fishing Area 20a4	25675	48.2183	48.5225	-64.2583	-63.5461
Lobster Fishing Area 20a5	25676	48.2017	48.4900	-64.3083	-63.9869
Lobster Fishing Area 20a6	25677	48.2017	48.4717	-64.3501	-64.0350
Lobster Fishing Area 20a7	25678	48.2017	48.4178	-64.3958	-64.2167
Lobster Fishing Area 20a8	25679	48.2017	48.4136	-64.4531	-64.2550
Lobster Fishing Area 20a9a	25663	48.2042	48.3953	-64.5061	-64.3733
Lobster Fishing Area 20a9	25680	48.2042	48.4047	-64.5061	-64.3167
Lobster Fishing Area 20b1	25664	48.1408	48.3250	-64.7742	-64.5000
Lobster Fishing Area 20b2	25665	48.1000	48.2058	-64.8606	-64.7075
Lobster Fishing Area 20b3	25666	48.0667	48.1897	-64.9522	-64.7833
Lobster Fishing Area 20b4	25671	48.0300	48.1786	-65.0333	-64.8392
Lobster Fishing Area 20b5	25667	48.0000	48.1050	-65.0847	-65.0000
Lobster Fishing Area 20b6	25668	48.0000	48.0931	-65.1611	-65.0389
Lobster Fishing Area 20b7	25670	47.8986	48.0597	-65.3339	-65.0431
Lobster Fishing Area 20b8	25669	47.8617	48.0339	-65.5671	-65.3339
Lobster Fishing Area 21a	25635	47.8617	48.2100	-65.9028	-65.4861
Lobster Fishing Area 21b	25634	48.0297	48.2100	-66.3583	-64.3667
Lobster Fishing Area 22	1534	47.0383	48.7167	-64.0361	-60.0000
Lobster Fishing Area 23a	39522	47.5989	48.0844	-66.3689	-65.2742
Lobster Fishing Area 23b	39523	47.6938	48.1019	-65.3539	-64.5411
Lobster Fishing Area 23c	39524	47.2883	48.2042	-64.9639	-64.0361
Lobster Fishing Area 23d	39525	47.0133	47.5700	-65.3888	-64.0361
Lobster Fishing Area 24	1577	46.3567	47.3069	-64.0994	-60.7500
Lobster Fishing Area 25	1578	45.8625	47.1403	-64.9167	-63.4675
Lobster Fishing Area 26a1	39526	45.6550	46.6250	-63.5681	-61.5042

FMA	FMA-code (Effort.Fma_id)	Latitude (Effort_detail.Lat)		Longitude (Effort_detail.Long)	
		Minimum value (deg)	Maximum value (deg)	Minimum value (deg)	Maximum value (deg)
Lobster Fishing Area 26a2	39527	45.6014	46.0572	-62.4983	-61.4889
Lobster Fishing Area 26a3	39528	45.7392	46.0475	-63.7117	-63.2000
Lobster Fishing Area 26b North	39529	46.3197	47.0383	-61.7419	-60.6667
Lobster Fishing Area 26b South	39530	45.6361	46.3714	-61.9500	-61.2147
Lobster Fishing Area 27	1581	44.9333	47.8333	-60.7500	-57.8333
Lobster Fishing Area 28	1582	45.6000	46.1000	-61.2500	-60.2500
Lobster Fishing Area 29	1583	45.4111	45.8500	-61.4292	-60.6000
Lobster Fishing Area 30	1584	44.6666	45.7833	-60.6833	-59.7000
Lobster Fishing Area 31a	1585	44.4333	45.5000	-61.7500	-60.1667
Lobster Fishing Area 31b	1586	44.1833	45.4250	-62.1514	-60.7667
Lobster Fishing Area 32	1587	43.9333	44.9550	-63.4033	-61.5333
Lobster Fishing Area 33	1588	42.5833	45.0000	-65.5167	-62.3083
Lobster Fishing Area 34	1589	42.6444	44.9333	-67.4167	-65.2333
Lobster Fishing Area 35	1590	44.5000	46.0000	-65.9250	-62.0000
Lobster Fishing Area 36	1591	44.7765	45.7500	-67.1667	-65.0500
Lobster Fishing Area 37	1592	44.8333	44.9333	-66.8458	-66.2083
Lobster Fishing Area 38	1593	43.6105	44.8333	-67.4833	-66.2080
Lobster Fishing Area 40	1594	42.3500	42.9167	-66.5000	-65.2167
Lobster Fishing Area 41	1595	40.0000	45.0000	-68.0000	-54.8000
Area 38b	28599	44.1861	44.7750	-67.3083	-66.9033

Appendix B – Table of valid combinations of Fishery Management areas vs Statistical sections

Fishery Management Area		Statistical sections		
Effort.Fma_id	Description	Effort_detail. Stat_sect_id	Statistical section	Description
2071	Lobster Fishing Area 01	38119	57	Cape Rouge - Hopedale
2071	Lobster Fishing Area 01	38120	58	Hopedale - Red Islands
2071	Lobster Fishing Area 01	38121	59	Red Islands - Cape Mugford
2071	Lobster Fishing Area 01	38122	60	Cape Mugford - Cape Uviak
2071	Lobster Fishing Area 01	38123	61	Cape Uviak - Murphy Head
2071	Lobster Fishing Area 01	38124	62	Murphy Head - Cape Chidley
1652	Lobster Fishing Area 02	38112	50	Point St. Charles - Wiseman Head
1652	Lobster Fishing Area 02	38113	51	Wiseman Head - Double Island
1652	Lobster Fishing Area 02	38114	52	Double Island - Northern Head
1652	Lobster Fishing Area 02	38115	53	Northern Head - Comfort Bight
1652	Lobster Fishing Area 02	38116	54	Comfort Bight - Cape St. Nicholas
1652	Lobster Fishing Area 02	38117	55	Cape St. Nicholas - Tub Island
1652	Lobster Fishing Area 02	38118	56	Tub Island - Cape Rouge
1653	Lobster Fishing Area 03	38064	2	Cape Bauld - Lobster Point
1653	Lobster Fishing Area 03	38065	3	Lobster Point - Cape Fox
1653	Lobster Fishing Area 03	38066	4	Cape Fox - Partridge Point
1653	Lobster Fishing Area 03	38067	5	Partridge Point - Cape St. John
2073	Lobster Fishing Area 04a	38068	6	Cape St. John - New Bay Head
1654	Lobster Fishing Area 04b	38069	7	New Bay Head - Farewell Head
1654	Lobster Fishing Area 04b	38070	8	Change Islands - Fogo Island
1654	Lobster Fishing Area 04b	38071	9	Farewell Head - Cape Freels
1655	Lobster Fishing Area 05	38072	10	Cape Freels - Shoe Cove Point
1655	Lobster Fishing Area 05	38073	11	Shoe Cove Point - Southern Head
1655	Lobster Fishing Area 05	38074	12	Southern Head - Western Head
1655	Lobster Fishing Area 05	38075	13	Western Head Cape Bonavista
2075	Lobster Fishing Area 06	38076	14	Cape Bonavista - South Head
2075	Lobster Fishing Area 06	38077	15	South Head - Bonaventure Head
2075	Lobster Fishing Area 06	38078	16	Bonaventure Head - West Random Head
2075	Lobster Fishing Area 06	38079	17	West Random Head - Hopeall Head
2075	Lobster Fishing Area 06	38080	18	Hopeall Head - Salvage Point
2075	Lobster Fishing Area 06	38081	19	Salvage Point -Grates Point
2077	Lobster Fishing Area 07	38082	20	Grates Point - Western Head Bay
2077	Lobster Fishing Area 07	38083	21	Western Bay Head - Feather Point
2079	Lobster Fishing Area 08	38083	21	Western Bay Head - Feather Point
2077	Lobster Fishing Area 07	38084	22	Feather Point - Topsail Head

Fishery Management Area		Statistical sections		
Effort.Fma_id	Description	Effort_detail. Stat_sect_id	Statistical section	Description
2077	Lobster Fishing Area 07	38085	23	Topsail Head - Cape St. Francis
2079	Lobster Fishing Area 08	38086	24	Cape St. Francis - Cape Spear
2079	Lobster Fishing Area 08	38087	25	Cape Spear - Cape Broyle
2079	Lobster Fishing Area 08	38088	26	Cape Broyle - Cape Race
39674	Lobster Fishing Area 09a	38089	27	Cape Race - Cape Pine
39675	Lobster Fishing Area 09b	38090	28	Cape Pine - Cape St. Mary's
2083	Lobster Fishing Area 10	38091	29	Cape St. Mary's - Bauld Head
2083	Lobster Fishing Area 10	38092	30	Bauld Head - Grandy Point
2083	Lobster Fishing Area 10	38093	31	Grandy Point - Jean de Baie Head
2083	Lobster Fishing Area 10	38094	32	Jean de Baie Head - Point Crewe
2085	Lobster Fishing Area 11	38095	33	Point Crewe - Point Rosie
2085	Lobster Fishing Area 11	38096	34	Point Rosie - Boxey Point
2085	Lobster Fishing Area 11	38097	35	Boxey Point - Pass Island Point
2085	Lobster Fishing Area 11	38098	36	Pass Island Point - Cape la Hune Cape
2085	Lobster Fishing Area 11	38099	37	Cape la Hune Cape - Fox Point
2085	Lobster Fishing Area 11	38100	38	Fox Point - Rose Blanche Point
2087	Lobster Fishing Area 12	38100	38	Fox Point - Rose Blanche Point
2087	Lobster Fishing Area 12	38101	39	Rose Blanche Point - Cape Ray Cape
2089	Lobster Fishing Area 13a	38102	40	Cape Ray Cape - Harbour Point
2089	Lobster Fishing Area 13a	38103	41	Harbour Point - Cape St. George
2091	Lobster Fishing Area 13b	38104	42	Cape St. George - Long Point
2091	Lobster Fishing Area 13b	38105	43	Long Point - Broad Cove Point
2091	Lobster Fishing Area 13b	38106	44	Broad Cove Point - Cape St. Gregory
2093	Lobster Fishing Area 14a	38107	45	Cape St. Gregory - Martin's Point
2093	Lobster Fishing Area 14a	38108	46	Martin's Point - Daniel's Harbour
2093	Lobster Fishing Area 14a	38109	47	Daniel's Harbour - Point Riche
2095	Lobster Fishing Area 14b	38110	48	Point Riche - Ferolle Point
2095	Lobster Fishing Area 14b	38111	49	Ferolle Point - Cape Norman
2097	Lobster Fishing Area 14c	38111	49	Ferolle Point - Cape Norman
2097	Lobster Fishing Area 14c	38063	1	Cape Norman - Cape Bauld

Appendix C - List of valid sub-forms for each administrative region

When the administrative region identified in the first column is selected, only the sub-forms indicated in the second column must be available and considered valid for the administrative region:

Administrative Region vs Sub-forms	
General_info.Reg_id – Region name	General_info.Subform_id - Sub-form name
1002 Newfoundland and Labrador	91 - NL - Lobster
1004 Maritimes	90 - MAR - Lobster
1006 Quebec	88 - QC - Lobster
1014 Gulf	89 - GLF - Lobster

Ref tables: Mv_dfo_region, Mv_subforms