

Quality Checking Rules for EMCIP v.3

Version 1.2.5 (rev2)

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Revisions and change control

Author	Version		Date	Description
	From	To		
Lorenzo Fiamma (EMSA)	1.2	1.2.1	09/04/2015	Included definitions for rules of group A-10 (Investigation). Corrected rules from A-07.28 to A-27.30 (Errors) Corrected rule A-05.18 (Occurrence location values)
Lorenzo Fiamma (EMSA)	1.2.1	1.2.2	17/04/2015	Removed reference to MARINFO Corrected rule A-05.19 (National location) and inserted rules A-05.19.1, .2 and .3 Shortened messages for rules A-05.21 and .23
Lorenzo Fiamma (EMSA)	1.2.2	1.2.3	22/04/2015	Corrected rule A-07.14 (Nr. of passengers)
Lorenzo Fiamma (EMSA)	1.2.3	1.2.4	06/05/2015	Corrected rule A-04.16 (Other int. States)
Lorenzo Fiamma (EMSA)	1.2.4	1.2.5	15/07/2015	Corrected rules AUX-02, A-02.06, A-03.01, A-03.02, A-03.08, A-03.09, A-04.02, A-04.14, A-04.15, A-04.16, A-05.19, A-05.19.1, A-05.19.3, A-05.21, A-05.23, A-05.27, A-07.14, A-07.28, A-07.29, A-07.33, A-07.34, A-07.35, A-07.36, A-07.37, A-07.38, A-07.39, A-07.40, A-07.41, A-07.42, A-07.43 Removed rules A-03.07 (now M-03.09), A-05.05 (now M-05.07), A-05.19.2 New rules A-02.09, M-03.09, M-05.07, A-05.13.1, A-07.20.1, A-07.27.1
Lorenzo Fiamma (EMSA)	1.2.5	1.2.5	10/08/2015	Corrected rule A-04.02
Lorenzo Fiamma (EMSA)	1.2.5	1.2.5 Rev1	15/12/2015	Corrected rule A-04.02 (commercial voyage)
Lorenzo Fiamma (EMSA)	1.2.5 Rev1	1.2.5 Rev2	02/03/2016	Corrected rule A-04.02 (fishing vessel's lengths)

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A. TYPES OF RULES

The rules are ordered as they appear in EMCIP Notification and in accordance with EMCIP they are divided in the following sections:

1. Occurrence identification
2. Workflow – Member State - EMSA
3. Final Report
4. Filling Information
5. General Casualty
6. External Environment
7. Vessel
8. Injuries
9. External Damage
10. Investigation

Rules are numbered as (LLL-SS.CC) where:

LL: One of the following codes indicating the type of the checking rule:

- A: Means automatic review. 
In an automatic review the system can check automatically if the values inserted in an occurrence comply with the rules. **In case of non-compliance, the user will not be able to propose the occurrence until the missing data is inserted or the mistakes corrected.**
- AUX: Means automatic auxiliary review.
This is not a review *per se* but is ruled used as part of other reviews.
- M: Means manual review. 
Some values cannot be checked automatically by the system. In these cases the intervention of the user is required. The user will be prompted to check if the values comply with the rules before submission. **In case of non-compliance, the user will still be able to propose the occurrence. EMSA will double-check these values upon acceptance.**
- RA: Means recommended automatic review. 
These automatic reviews are recommended. If the values in EMCIP do not comply with these rules, the user will be prompted to take into consideration some recommended actions. **These rules do not block the proposal of the occurrence.**
- RM: Means recommended manual review. 
These manual reviews are recommended. The user will be prompted to review some values. **These rules do not block the proposal of the occurrence.**

SS: Is the rule section number, based on the list mentioned above.

CC: Is the sequential rule number within the same rule section.

B. RESUME OF RULES

All the rules are contained in a ECCAIRS 5 library which complies with the following naming convention; 'Data_Quality_Rules.[version]-{date}.edq'.


There are 2 auxiliary conditional rules, 128 automatic reviews, 34 manual reviews, 20 automatic recommended reviews and 2 manual recommended reviews as presented in the follow tables:

1. Auxiliary conditional rules

Table A. Automatic auxiliary conditional rules

AUXILIARY CONDITIONAL RULES			
Nr.	Condition name	Fired message	Attribute Value
1	AUX-01 TAXONOMY	-	-
2	AUX-02 UNDER SCOPE DIRECTIVE 2009/18/EC	-	-

2. Automatic rules

These are “Errors”  that will block the submission of an occurrence until they are revised and corrected by the user.

 Previously implemented in EMCIP.

Table B. Automatic Reviews – Errors: Not Accepted

A-02 WORKFLOW – MEMBER STATE - EMSA			
Nr.	Condition name	Fired message	Attribute Value
1	A-02.01 OCCURRENCE TYPE	Review (Occurrence Type) value. It should not be empty.	Occurrence Type
2	A-02.02 OCCURRENCE TYPE	Review (Occurrence type) value. It should be [Notification] when (Member State role) is [n.a.].	Occurrence Type
3	A-02.03 OCCURRENCE TYPE	Review (Occurrence type) value. It should be [Investigation] when (Member State role) is [EU lead investigating state] or [Lead investigating state] or [Reporter].	Occurrence Type
4	A-02.04 INVESTIGATION STATUS	Review (Occurrence type) value. It should be [Investigation] if (Final Report) or (Final Report Date) has value.	Occurrence Type
5	A-02.05 INVESTIGATION STATUS	Review (Investigation Status) value. It should not be empty.	Investigation Status
6	A-02.06 INVESTIGATION STATUS	Review (Investigation Status) value. It should be [Not Applicable] if (Occurrence type) value is [Notification].	Investigation Status
7	A-02.07 INVESTIGATION STATUS	Review (Investigation Status) value. It should be [To be started], [Ongoing] or [Finished] if (Occurrence type) value is [Investigation].	Investigation Status
8	A-02.08 INVESTIGATION STATUS	Review (Investigation Status) value. It should be [Finished] if (Final Report) or (Final Report Date) have value.	Investigation Status
9	A-02.09 INVESTIGATION STATUS	Review (Investigation status) value. It should be [Ongoing] or [Finished] if (Occurrence type) is [Investigation] and there is an (Interim report).	Investigation Status
A-03 FINAL REPORT			
Nr.	Condition name	Fired message	Attribute Value
10	A-03.01 FINAL REPORT	Review (Final Report) value. It should not be empty if (Occurrence Type) value is [Investigation] and (Investigation Status) value is [Finished].	-

Table B. Automatic Reviews – Errors: Not Accepted (Cont.)

Nr.	Condition name	Fired message	Attribute Value
11	A-03.02 FINAL REPORT DATE	Review (Final Report Date) value. It should not be empty if (Occurrence Type) value is [Investigation] and (Investigation Status) value is [Finished].	Final Report Date
12	A-03.03 REPORT TYPE	Review (Report Type) value. It should not be empty if (Final Report) or (Final Report Date) have value.	Report Type
13	A-03.04 REPORT TYPE	Review (Report Type) value. It should not be [Simplified Report] but [Final Report] if (Occurrence severity) value is [Very serious].	Report Type
14	A-03.05 REPORT TYPE	Review (Report Type) value. It should be [Final Report] for this very serious casualty with a ship.	Report Type
16	A-03.06 REPORT TYPE	Review (Report Type) value. It should be [Final Report] for this very serious occupational accident.	Report Type
17	A-03.08 REPORT TYPE	Review (Report Type) value. It should be [Final Report] or [Simplified Report], it is a serious casualty with a ship to be investigated.	Report Type
18	A-03.09 REPORT TYPE	Review (Report Type) value. It should be [Final Report] or [Simplified Report], it is a serious occupational accident to be investigated.	Report Type
A-04 FILLING INFORMATION			
Nr.	Condition name	Fired message	Attribute Value
19	A-04.01 UNDER THE SCOPE OF DIRECTIVE 2009/18/EC	Review (Directive 2009/18) value. It should not be empty.	Directive 2009/18
20	A-04.02 UNDER THE SCOPE OF DIRECTIVE 2009/18/EC	Review (Directive 2009/18) value. The case is under the scope of Directive 2009/18 but (Directive 2009/18) value is [No]. OR Review (Directive 2009/18) value. The case is not under the scope of Directive 2009/18 but (Directive 2009/18) value is [Yes].	Directive 2009/18
21	A-04.03 INVESTIGATING STATE	Review (Investigating State) value. It should not be empty.	Investigating State
22	A-04.04 INVESTIGATING STATE	Review (Investigating State) value. A State is required if (Occurrence Type) value is [Investigation].	Investigating State
23	A-04.05 INVESTIGATING STATE	Review (Investigating State) value. A State is required if (Member State role) is not [n.a.], because that means there is an investigation.	Investigating State
24	A-04.06 MEMBER STATE ROLE	Review (Member State role) value. It should not be empty.	Member State role
25	A-04.07 MEMBER STATE ROLE	Review (Member State role) value. It should be [n.a.] if (Occurrence Type) value is not equal to [Investigation].	Member State role
26	A-04.08 MEMBER STATE ROLE	Review (Member State role) value. It should be [Reporter] if a non-EU State leads the safety investigation.	Member State role
27	A-04.09 MEMBER STATE ROLE	Review (Member State role) value. It should be [EU lead investigating state] if an EU State leads the safety investigation and all the substantially interested members are EU Member States.	Member State role
28	A-04.10 MEMBER STATE ROLE	Review (Member State role) value. It should be [Lead investigating state] when an EU State leads the safety investigation and not all the substantially interested members are EU Member States.	Member State role
29	A-04.11 COASTAL STATES AFF.	Review (Coastal states aff.) value. It should not be empty.	Coastal State Aff.
30	A-04.12 COASTAL STATES AFF.	Review (Coastal states aff.) value. [None/Register withdrawn] is not a valid value if there is at least one Coastal State affected.	Coastal State Aff.
31	A-04.13 INTERESTED AUTHORITIES	Review (Interested authorities) value. The (Competent authority) should not be included in the (Interested authorities) list.	Interested authorities
32	A-04.14 INTERESTED AUTHORITIES	Review (Interested authorities) value. Investigative Bodies of EU flag States that are substantially interested and that are not the (State Reporting) should be included in the (Interested authorities) list.	Interested authorities
33	A-04.15 INTERESTED AUTHORITIES	Review (Interested authorities) value. Investigative Bodies of EU coastal states that are substantially interested but are not the (State Reporting) should be included in the (Interested authorities) list.	Interested authorities
34	A-04.16 INTERESTED AUTHORITIES	Review (Interested authorities) value. Substantially interested States that are EU members and that are not the (State Reporting) should be included in the (Interested authorities) list.	Interested authorities

Table B. Automatic Reviews – Errors: Not Accepted (Cont.)

Nr.	Condition name	Fired message	Attribute Value
35	A-04.17 DATE OF NOTIFICATION	Review (Date of notification) value. It should not be empty.	Date of notification
36	A-04.18 TIME OF NOTIFICATION	Review (Time of notification) value. It should not be empty.	Time of notification
37	A-04.19 NOTIFICATION ENTITY	Review (Notification entity) value. It should not be empty.	Notification entity
38	A-04.20 OTHER INT. STATES	Review (Other int. States) value. It should not be empty.	Other int. States
39	A-04.21 OTHER INT. STATES	Review (Other int. States) value. [None/Register withdrawn] is not a valid value if there is at least one other substantially interested State.	Other int. States
40	A-04.22 SAR INTERVENTION	Review (SAR intervention) value. It should not be empty.	SAR intervention
A-05 GENERAL CASUALTY			
Nr.	Condition name	Fired message	Attribute Value
41	A-05.01 DESCRIPTION	Review (Description) value. It should not be empty.	-
42	A-05.02 OCCURRENCE SEVERITY	Review (Occurrence severity) value. It should not be empty.	Occurrence severity
43	A-05.03 OCCURRENCE SEVERITY	Review (Occurrence severity) value. It should be at least as severe as the most severe (Casualty severity) among all the ships.	Occurrence severity
44	A-05.04 OCCURRENCE SEVERITY	Review (Occurrence severity) value. It should be [Very serious] if there were death people.	Occurrence severity
45	A-05.06 OCCURRENCE SEVERITY	Review (Occurrence severity) value. It should be at least [Serious] if the ship was unfit to proceed.	Occurrence severity
46	A-05.07 OCCURRENCE SEVERITY	Review (Occurrence severity) value. It should be at least [Serious] if there was pollution.	Occurrence severity
47	A-05.08 OCCURRENCE SEVERITY	Review (Occurrence severity) value. It should be at least [Serious] if towage or shore assistance was needed and there were damages to the ship.	Occurrence severity
48	A-05.09 OCCURRENCE SEVERITY	Review (Occurrence severity) value. It should be at least [Less Serious] if there were people injured or damage to the ship or third party damages in a casualty with a ship.	Occurrence severity
49	A-05.10 OCCURRENCE SEVERITY	Review (Occurrence severity) value. It should be at least [Less serious] if there were people injured in an occupational accident.	Occurrence severity
50	A-05.11 CASUALTY EVENT	Review (Casualty Event) value. It should not be empty for a casualty with a ship.	Casualty Event
51	A-05.12 OCCUP. ACCIDENT TYPE	Review (Occupational accident type) value. It should not be empty for an occupational accident.	Occup. accident type
52	A-05.13 DEVIATION	Review (Deviation) value. It should not be empty for an occupational accident.	Deviation
53	A-05.13.1 DEVIATION	Review (Deviation) value. More details (Level 2) should be specified.	Deviation
54	A-05.14 DATE OF CASUALTY	Review (Date casualty) value. It should not be empty.	Date casualty
55	A-05.15 TIME OF CASUALTY	Review (Time of casualty) value. It should not be empty.	Time casualty
56	A-05.16 LOCATION OF THE OCCURRENCE	Review (Location of the occurrence) value. It should not be empty.	Location of the occurrence
57	A-05.17 LOCATION OF THE OCCURRENCE	Review (Location of the occurrence) value. It should be a Level 2 value when Level 1 is [Internal waters], [Open sea] or [Inland waters].	Location of the occurrence

Table B. Automatic Reviews – Errors: Not Accepted (Cont.)

Nr.	Condition name	Fired message	Attribute Value
58	A-05.18 LOCATION OF THE OCCURRENCE	Review (Location of the occurrence) value. It should be [Internal waters Port area] or [Repair yard] if there is (Port of accident).	Location of the occurrence
59	A-05.19 NATIONAL LOCATION	Review (National location) value. A location name is required if there is a country name.	National location
60	A-05.19.1 NATIONAL LOCATION LEVEL	Review (National location) value. A location name is required.	National location
61	A-05.19.3 NATIONAL LOCATION (COASTAL STATE)	Review (National location) value. The value should be consistent to the (Coastal State aff.).	Coastal State
62	A-05.20 LATITUDE	Review (Latitude) value. It should not be empty if (Longitude) value is not empty.	Latitude
63	A-05.21 LATITUDE	Review (Latitude) value. It can be empty only for occupational accidents with (Occurrence severity) equal to [Less Serious] or [Marine Incident].	Latitude
64	A-05.22 LONGITUDE	Review (Longitude) value. It should not be empty if (Latitude) value is not empty.	Longitude
65	A-05.23 LONGITUDE	Review (Longitude) value. It can be empty only for occupational accidents with (Occurrence severity) equal to [Less Serious] or [Marine Incident].	Longitude
66	A-05.24 REASONS FOR NOT UNDERTAKING A SAFETY INVESTIGATION	Review (Reasons for not undertaking a safety investigation) value. It should not be empty if (Occurrence severity) is equal to [Serious] and (Occurrence Type) is equal to [Notification].	-
67	A-05.25 REASONS FOR NOT UNDERTAKING A SAFETY INVESTIGATION	Review (Reasons for not undertaking a safety investigation) value. It should be empty excepting if (Occurrence severity) is equal to [Serious] and (Occurrence Type) is equal to [Notification].	-
68	A-05.26 PORT OF ACCIDENT	Review (Port of accident) value. A port name is required if there is a country name.	Port of accident
69	A-05.27 PORT OF ACCIDENT	Review (Port of accident) value. It should be empty if (Location of accident) is equal to [Open sea].	Port of accident
A-07 VESSEL INFORMATION			
Nr.	Condition name	Fired message	Attribute Value
70	A-07.01 NR. SHIPS INVOLVED	Review (Nr. ships involved) value. It should not be empty.	Nr. ships involved
71	A-07.02 NR. SHIPS INVOLVED	Review (Nr. ships involved) value. It should be greater than 1 if (Casualty event) is equal to [Collision].	Nr. ships involved
72	A-07.03 NR. SHIPS INVOLVED	Review (Nr. ships involved) value. It should be in agreement with the number of ships introduced in EMCIP.	Nr. ships involved
73	A-07.04 SHIP IDENTIFICATION	Review (Name of ship), (Registry nr.), (IMO number) and (Call sign) values. A ship should be defined at least with 2 of those values.	-
74	A-07.05 NAME OF SHIP	Review (Name of ship) value. It should not be empty.	Name of the ship (only one ship)
75	A-07.06 FLAG STATE	Review (Flag State) value. It should not be empty. Vessel:	Name of the ship (only one ship)
76	A-07.07 SHIP / CRAFT TYPE	Review (Ship / craft type) value. It should not be empty. Vessel:	Name of the ship (only one ship)
77	A-07.09 LENGTH OVERALL	Review (Length overall) value. It should not be empty for fishing vessels. Vessel:	Name of the ship (only one ship)
78	A-07.10 HULL MATERIAL	Review (Hull material) value. It should not be empty. Vessel:	Name of the ship (only one ship)
79	A-07.11 PROPULSION TYPE	Review (Propulsion type) value. It should not be empty. Vessel:	Name of the ship (only one ship)

Table B. Automatic Reviews – Errors: Not Accepted (Cont.)

Nr.	Condition name	Fired message	Attribute Value
80	A-07.12 OWNED/OPER. BY MS	Review (Owned/oper. by MS) value. It should not be empty. Vessel:	Name of the ship (only one ship)
81	A-07.13 VOYAGE SEGMENT	Review (Voyage segment) value. It should not be empty if it is not a recreational craft. Vessel:	Name of the ship (only one ship)
82	A-07.14 NR. OF PASSENGERS (VOYAGE)	Review (Nr. of passengers (voyage)) value. It should not be empty. Vessel:	Name of the ship (only one ship)
83	A-07.15 PORT OF DEPARTURE	Review (Port of departure) value. It should not be empty. Vessel:	Name of the ship (only one ship)
84	A-07.16 PORT OF DEPARTURE	Review (Port of departure) value. A port name is required if there is a country name. Vessel:	Name of the ship (only one ship)
85	A-07.17 PORT OF DESTINATION	Review (Port of destination) value. It should not be empty. Vessel:	Name of the ship (only one ship)
86	A-07.18 PORT OF DESTINATION	Review (Port of destination) value. A port name is required if there is a country name. Vessel:	Name of the ship (only one ship)
87	A-07.19 SHIP'S ROUTEING	Review (Ship's routeing) value. It should not be empty for a casualty with a ship. Vessel:	Name of the ship (only one ship)
88	A-07.20 SHIP OPERATION	Review (Ship operation) value. It should not be empty. Vessel:	Name of the ship (only one ship)
89	A-07.20.1 SHIP OPERATION	Review (Ship operation) value. It should be Level 2 when the (Ship operation) is [Fishing, Normal service, Sailing or Special service]. Vessel:	Name of the ship (only one ship)
90	A-07.21 COMMERCIAL VOYAGE	Review (Commercial voyage) value. It should not be empty. Vessel:	Name of the ship (only one ship)
91	A-07.22 CASUALTY SEVERITY	Review (Casualty severity) value. It should not be empty. Vessel:	Name of the ship (only one ship)
92	A-07.23 CASUALTY SEVERITY	Review (Casualty severity) value. It should not be [Marine incident] if (Damage to the ship) is equal to [Yes]. Vessel:	Name of the ship (only one ship)
93	A-07.24 CASUALTY SEVERITY	Review (Casualty severity) value. It should be equal to (Occurrence severity) if (Nr. ships involved) is equal to [1]. Vessel:	Name of the ship (only one ship)
94	A-07.25 CASUALTY SEVERITY	Review (Casualty severity) value. It should not be more severe than (Occurrence severity) value. Vessel:	Name of the ship (only one ship)
95	A-07.26 DAMAGE TO THE SHIP	Review (Damage to the ship) value. It should not be empty. Vessel:	Name of the ship (only one ship)
96	A-07.27 PLACE ON BOARD	Review (Place on board) value. It should not be empty. Vessel:	Name of the ship (only one ship)
97	A-07.27.1 PLACE ON BOARD	Review (Place on board) value. It should be Level 2 if (Place on board) is [Accommodation, Bridge, Cargo & tank areas, Pump room, Engine department, Ship]. Vessel:	Name of the ship (only one ship)
98	A-07.28 DID THE SHIP SINK?	Review (Did the ship sink?) value. It should not be empty. Vessel:	Name of the ship (only one ship)
99	A-07.29 SHIP UNFIT TO PROCEED	Review (Ship unfit to proceed) value. It should not be empty. Vessel:	Name of the ship (only one ship)
100	A-07.30 TOWAGE OR SHORE ASSISTANCE	Review (Towage or shore assistance) value. It should not be empty. Vessel:	Name of the ship (only one ship)
101	A-07.31 CARGO DAMAGE	Review (Cargo damage) value. It should not be empty. Vessel:	Name of the ship (only one ship)
102	A-07.32 POLLUTION (CARGO)	Review (Pollution (cargo)) value. It should not be empty. Vessel:	Name of the ship (only one ship)
103	A-07.33 POLLUTION (CARGO)	Review (Pollution (cargo)) value. It should be [No] or [n.a.] if (Pollution quantity, cargo) value is equal to [0.000 t]. Vessel:	Name of the ship (only one ship)
104	A-07.34 POLLUTION (CARGO)	Review (Pollution (cargo)) value. It should be [Yes] if (Pollution quantity, cargo) is not equal to [0.000 t]. Vessel:	Name of the ship (only one ship)

Table B. Automatic Reviews – Errors: Not Accepted (Cont.)

Nr.	Condition name	Fired message	Attribute Value
105	A-07.35 POLLUTION QUANTITY, CARGO	Review (Pollution quantity, cargo) value. It should not be empty if (Pollution (cargo)) value is [Yes] or [No]. Vessel:	Name of the ship (only one ship)
106	A-07.36 POLLUTION QUANTITY, CARGO	Review (Pollution quantity, cargo) value. It should be equal to [0.000 t] if (Pollution (cargo)) value is equal to [No]. Vessel:	Name of the ship (only one ship)
107	A-07.37 POLLUTION QUANTITY, CARGO	Review (Pollution quantity, cargo) value. It should be greater than [0.000 t] if (Pollution (cargo)) value is equal to [Yes]. Vessel:	Name of the ship (only one ship)
108	A-07.38 POLLUTION (BUNKERS)	Review (Pollution (bunkers)) value. It should not be empty. Vessel:	Name of the ship (only one ship)
109	A-07.39 POLLUTION (BUNKERS)	Review (Pollution (bunkers)) value. It should be [No] or [n.a.] if (Pollution quantity, bunkers) value is equal to [0.000 t]. Vessel:	Name of the ship (only one ship)
110	A-07.40 POLLUTION (BUNKERS)	Review (Pollution (bunkers)) value. It should be [Yes] if (Pollution quantity, bunkers) is not equal to [0.000 t]. Vessel:	Name of the ship (only one ship)
111	A-07.41 POLLUTION QUANTITY, BUNKERS	Review (Pollution quantity, bunkers) value. It should not be empty if (Pollution (bunkers)) value is [Yes] or [No]. Vessel:	Name of the ship (only one ship)
112	A-07.42 POLLUTION QUANTITY, BUNKERS	Review (Pollution quantity, bunkers) value. It should be equal to [0.000 t] if (Pollution (bunkers)) value is equal to [No]. Vessel:	Name of the ship (only one ship)
113	A-07.43 POLLUTION QUANTITY, BUNKERS	Review (Pollution quantity, bunkers) value. It should be greater than [0.000 t] if (Pollution (bunkers)) value is equal to [Yes]. Vessel:	Name of the ship (only one ship)
A-08 INJURIES			
Nr.	Condition name	Fired message	Attribute Value
114	A-08.01 LIVES LOST - TOTAL	Review (Lives lost - Total) value. It should not be empty.	Lives lost - Total
115	A-08.02 PEOPLE INJURED - TOTAL	Review (People injured - Total) value. It should not be empty.	People injured - Total
A-09 EXTERNAL DAMAGE			
Nr.	Condition name	Fired message	Attribute Value
116	A-09.01 THIRD PARTY / OTHER DAMAGE	Review (Third party/ other damage) value. It should not be empty.	Other damage
117	A-09.02 AIR POLLUTION	Review (Air pollution) value. It should not be empty in a casualty with a ship.	Air pollution
A-10 INVESTIGATION			
Nr.	Condition name	Fired message	Attribute(s) Value(s)
118	A-10.01 CASUALTY EVENTS	-	-
119	A-10.01.1 CASUALTY EVENTS SEQUENCE	Review the (Casualty Event) in the (Full View). If the Investigation is Finished, then each (Casualty Event) shall have a sequence number.	-
120	A-10.01.3 CASUALTY EVENTS - CONTRIBUTING FACTORS	-	-
121	A-10.01.3.1 CASUALTY EVENTS - CONTRIBUTING FACTORS INCOMPLETE	Review (Contributing Factors) in (Full view). The (Description) and (Type) of each (Contributing Factor) should have a value.	-
122	A-10.01.3.2 CASUALTY EVENTS - CONTRIBUTING FACTORS (LEVELS)	Review (Contributing Factor) and specify each factor to the lowest possible level (es. Shore Management/Design/Design Error).	-
123	A-10.01.4 CASUALTY EVENTS - ACCIDENTAL EVENTS ATTRIBUTES	Review (Accidental Events). They should contain at least an actor, description stage and type.	-

124	A-10.02 OCCUPATIONAL ACCIDENTS	-	-
125	A-10.02.2 OCCUP. ACC./CONTRIBUTING FACTORS	-	-
126	A-10.02.2.1 OCCUP. ACC./CONTRIBUTING FACTORS INCOMPLETE	Review (Contributing Factors) in (Full view). The (Description) and (Type) of each (Contributing Factor) should have a value.	-
127	A-10.02.2.2 OCCUP. ACC./CONTRIBUTING FACTORS (LEVELS)	Review (Contributing Factor) and specify each factor to the lowest possible level (es. Shore Management/Design/Design Error).	-
128	A-10.02.3 OCCUP. ACC./ACCIDENTAL EVENTS	Review (Accidental Events). They should contain at least an actor, description stage and type.	-

3. Manual reviews

These are elements that the application cannot verify automatically and that need to be checked manually by the user. Once triggered, these reviews will display a “Warning” ⚠️. The warnings will be accepted by the system and will be checked by EMSA during the acceptance of the occurrence.

Table C. Warnings: Manual Reviews – To be checked by EMSA

M-01 OCCURRENCE IDENTIFICATION			
Nr.	Condition name	Fired message	Attribute Value
1	M-01.01 NATURE OCCURRENCE	Review (Nature occurrence). Read (Description) to review if (Nature occurrence) is ok. Occupational accident is an accident to a person, which does not occur as a consequence of a casualty event to a ship or the emergency response to a casualty event.	Nature occurrence
M-03 FINAL REPORT			
Nr.	Condition name	Fired message	Attribute Value
2	M-03.01 FINAL REPORT	Review if occurrence is under scope of Directive 2009/18/EC. If it is, review (Final Report) value, it should not be empty if (Occurrence Type) value is [Investigation] and (Investigation Status) value is [Finished].	-
3	M-03.02 FINAL REPORT DATE	Review if occurrence is under scope of Directive 2009/18/EC. If it is, review 'Final Report Date' value, it should not be empty if (Occurrence Type) value is [Investigation] and (Investigation Status) value is [Finished].	Final Report Date
4	M-03.03 REPORT TYPE	Review if occurrence is under scope of Directive 2009/18/EC. If it is, review (Report Type) value. It should not be [Simplified Report] but [Final Report] if (Occurrence severity) value is [Very serious].	Report Type
5	M-03.04 REPORT TYPE	Review if occurrence is under scope of Directive 2009/18/EC. If it is, review (Report Type) value, it should be [Final Report] for this very serious casualty with a ship.	Report Type
6	M-03.05 REPORT TYPE	Review if occurrence is under scope of Directive 2009/18/EC. If it is, review (Report Type) value, it should be [Final Report] for this very serious occupational accident.	Report Type
7	M-03.06 REPORT TYPE	Review if occurrence is under scope of Directive 2009/18/EC. If it is, review (Report Type) value, it should be [Final Report], occurrence is serious and findings could prevent future casualties.	Report Type
8	M-03.07 REPORT TYPE	Review if occurrence is under scope of Directive 2009/18/EC. If it is, review (Report Type) value, it should be [Final Report] or [Simplified Report], it is a serious casualty with a ship to be investigated.	Report Type
9	M-03.08 REPORT TYPE	Review if occurrence is under scope of Directive 2009/18/EC. If it is, review (Report Type) value, it should be [Final Report] or [Simplified Report], it is a serious occupational accident to be investigated.	Report Type
10	M-03.09 REPORT TYPE	Review (Report Type) value. It should be [Final Report], occurrence is serious and findings of the casualty investigation could prevent future casualties.	Report Type

Table C. Warnings: Manual Reviews – To be checked by EMSA (Cont.)

M-04 FILING INFORMATION			
Nr.	Condition name	Fired message	Attribute Value
11	M-04.01 TITLE	Review (Title) value. Read (Description) and (Title) values to check if they are consistent and written in English.	-
12	M-04.02 COASTAL STATES AFF.	Review (Coastal states aff.) value. Read (Description) value and check that all the coastal states affected are included in (Coastal states aff.) list.	-
13	M-04.03 OTHER INT. STATES	Review (Other int. States) value. (Flag State) values should not be included in (Other int. States) list.	-
14	M-04.04 OTHER INT. STATES	Review (Other int. States) value. (Coastal states aff.) values should not be included in (Other int. States) list.	-
15	M-04.05 OTHER INT STATES	Review (Other int. States) value. Read (Description) and (Other int. States) to review (Other int. States) list.	-
M-05 GENERAL CASUALTY			
Nr.	Condition name	Fired message	Attribute Value
16	M-05.01 DESCRIPTION	Review (Description) value. It should be a brief description of the circumstances of the marine casualty or incident making reference to when, where, who, and how it has happened.	-
17	M-05.02 OCCURRENCE SEVERITY	Review (Occurrence severity) value. It should be [Very serious] if there was severe pollution as evaluated by the coastal State.	Occurrence severity
18	M-05.03 CASUALTY EVENT	Review (Casualty Event) value. Read (Description) and (Title) values to review (Casualty Event) value.	Casualty Event
19	M-05.04 OCCUP. ACCIDENT TYPE	Review (Occupational accident type) value. Read (Description) and (Title) values to review (Occupational accident type) value.	Occup. accident type
20	M-05.05 DEVIATION	Review if occurrence is under scope of Directive 2009/18/EC. If it is, review (Deviation) value. It should not be empty for an occupational accident.	Deviation
21	M-05.06 LATITUDE AND LONGITUDE	Review (Latitude) and (Longitude) values. Check position in the map, it should not be in land and be in agreement with (Description), (Title), (Location occurrence), (Port of accident) and (National location) values.	-
22	M-05.07 OCCURRENCE SEVERITY	Review (Occurrence severity) value. It should be [Very serious] if one ship sunk.	Occurrence severity
M-07 VESSEL INFORMATION			
Nr.	Condition name	Fired message	Attribute Value
23	M-07.01 NAME OF SHIP	Review (Name of ship) value. Compare (Name of ship) with the value in a reliable database of vessel's characteristics. Vessel:	Name of the ship (only one ship)
24	M-07.02 FLAG STATE	Review (Flag State) value. Compare (Flag State) with the value in a reliable database of vessel's characteristics. Vessel:	Name of the ship (only one ship)
25	M-07.03 IMO NUMBER	Review (IMO number) value. Review if (IMO number) is required for this ship.	Name of the ship (only one ship)
26	M-07.04 GROSS TONNAGE	Review (Gross tonnage) value. Compare (Gross tonnage) with the value in a reliable database of vessel's characteristics. Vessel:	Name of the ship (only one ship)
27	M-07.05 CALL SIGN	Review (Call sign) value. Compare (Call sign) with the value in a reliable database of vessel's characteristics. Vessel:	Name of the ship (only one ship)
28	M-07.06 SHIP / CRAFT TYPE	Review (Ship / craft type) value. Compare (Ship / craft type) with the value in a reliable database of vessel's characteristics. Vessel:	Name of the ship (only one ship)
29	M-07.07 ADDITIONAL SHIP TYPE	Review (Additional ship type) value. It should be in accordance with (Ship / craft type) value. Vessel:	Name of the ship (only one ship)
30	M-07.08 LENGTH BETWEEN PP	Review (Length between PP) value. Compare (Length between PP) with the value in a reliable database of vessel's characteristics. Vessel:	Name of the ship (only one ship)
31	M-07.09 LENGTH OVERALL	Review (Length overall) value. Compare (Length overall) with the value in a reliable database of vessel's characteristics. Vessel:	Name of the ship (only one ship)
32	M-07.10 YEAR OF BUILD	Review (Year of build) value. Compare (Year of build) with the value in a reliable database of vessel's characteristics. Vessel:	Name of the ship (only one ship)

Table C. Warnings: Manual Reviews – To be checked by EMSA (Cont.)

M-08 INJURIES			
Nr.	Condition name	Fired message	Attribute Value
33	M-08.01 LIVES LOST	Review (Lives lost - Crew - Total), (Lives lost - Other - Total) and (Lives lost - Passenger - Total) values. Read (Description) and (Title) values to review them.	-
34	M-08.02 PEOPLE INJURED	Review (People injured - Crew - Total), (People injured - Other - Total) and (People injured - Passenger - Total) values. Read (Description) and (Title) values to review them.	-

4. Recommended automatic reviews

They are information about recommended procedures. They will be accepted and not checked.

Table D. Info: Recommended Automatic Reviews - Accepted and Not Checked

RA-04 FILING INFORMATION			
Nr.	Condition name	Fired message	Attribute Value
1	RA-04.01 TITLE	It is recommended to review (Title) value. It is recommended not to be empty and to be a clear and comprehensive sentence describing the occurrence.	-
2	RA-04.02 OCCURRENCE NATIONAL	It is recommended to review (Occ. national nr.) value. It is recommended not to be empty.	Occurrence national number
3	RA-04.03 COASTAL STATES AFF.	It is recommended to review (Coastal states aff.) value. It is recommended (Coastal states aff.) has value if there was [SAR intervention].	-
RA-05 GENERAL CASUALTY			
Nr.	Condition name	Fired message	Attribute Value
4	RA-05.01 PORT OF ACCIDENT	It is recommended to review (Port of accident) value. It is recommended to include a (Port of accident) value if (Location of accident) is equal to [Internal waters Port area].	Port of accident
5	RA-05.02 PORT OF ACCIDENT	It is recommended to review (Port of accident) value. It is recommended to include a (Port of accident) value if (Location of accident) is equal to [Repair yard].	Port of accident
RA-06 EXTERNAL ENVIRONMENT			
Nr.	Condition name	Fired message	Attribute Value
6	RA-06.01 SEA STATE	It is recommended to review (Sea state) value. It is recommended not to be empty.	Sea state
7	RA-06.02 WIND FORCE	It is recommended to review (Wind force) value. It is recommended not to be empty.	Wind force
8	RA-06.03 WEATHER CONDITIONS	It is recommended to review (Weather conditions) value. It is recommended not to be empty.	Weather conditions
9	RA-06.04 NATURAL LIGHT	It is recommended to review (Natural light) value. It is recommended not to be empty.	Natural light
10	RA-06.05 VISIBILITY	It is recommended to review (Visibility) value. It is recommended not to be empty.	Visibility
RA-07 VESSEL INFORMATION			
Nr.	Condition name	Fired message	Attribute Value
11	RA-07.01 GROSS TONNAGE	It is recommended to review (Gross tonnage) value. It is recommended not to be empty. Vessel:	Name of the ship (only one ship)
12	RA-07.02 CALL SIGN	It is recommended to review (Call sign) value. It is recommended to include a (Call sign) value if (IMO number) value is empty. Vessel:	Name of the ship (only one ship)
13	RA-07.03 SHIP / CRAFT TYPE	It is recommended to review (Ship / craft type) value. It is recommended to include a level 2 value if available. Vessel:	Name of the ship (only one ship)
14	RA-07.04 SHIP / CRAFT TYPE	It is recommended to review (Ship / craft type) value. It is recommended to include a level 3 value if available. Vessel:	Name of the ship (only one ship)
15	RA-07.05 SHIP / CRAFT TYPE	It is recommended to review (Ship / craft type) value. It is recommended to include a level 4 value if available. Vessel:	Name of the ship (only one ship)

16	RA-07.06 SHIP / CRAFT TYPE	It is recommended to review (Ship / craft type) value. It is recommended to include a level 5 value if available. Vessel:	Name of the ship (only one ship)
17	RA-07.07 LENGTH BETWEEN PP (AND LENGTH OVERALL)	It is recommended to Include (Length overall) value or (Length between PP) value. Vessel:	Name of the ship (only one ship)
18	RA-07.08 HULL MATERIAL	It is recommended to review (Hull material) value. It is recommended not to be empty. Vessel:	Name of the ship (only one ship)
19	RA-07.09 YEAR OF BUILD	It is recommended to review (Year of build) value. It is recommended not to be empty. Vessel:	Name of the ship (only one ship)
20	RA-07.10 NR. OF PASSENGERS (VOYAGE)	It is recommended to review (Nr. of passengers (voyage)) value. It is recommended not to be empty for passenger ships. Vessel:	Name of the ship (only one ship)

5. Manual recommended reviews

They are information about recommended procedures. They will be accepted and will not be checked.

Table E. Info: Recommended Manual Reviews - Accepted and Not Checked

RM-05 GENERAL CASUALTY			
Nr.	Condition name	Fired message	Attribute Value
1	RM-05.01 OCCURRENCE SEVERITY	It is recommended to review (Occurrence severity) value. It is recommended to be at least [Serious] for serious occupational accidents, with injury to a person causing incapacitation for more than 72 hours commencing within 7 days from the date of injury.	Occurrence severity
2	RM-05.02 REASONS FOR NOT UNDERTAKING A SAFETY INVESTIGATION	It is recommended to review (Reasons for not undertaking a safety investigation) value and check that complies with requirements in Article 5 of Directive 2009/18/EC.	-

C. RULES

0. Auxiliary conditional rules

They are rules to be used as conditions to apply other rules.

0.1. Taxonomy

Review the taxonomy version used when creating the occurrence.

0.1.1. Automatic review AUX-01 →

Purpose: Review the taxonomy version (old or new) used when creating the occurrence.

Procedure: {
 Date Report Created {Occurrence} before 15/04/2015 00:00:00 (*)
}
If True
 OLD TAXONOMY USED
Else
 NEW TAXONOMY USED

(*) The date included in this rule corresponds to the day when the new taxonomy (v.10.2.0.4) was uploaded in the production version of EMCIP.

0.2. Under Scope Directive 2009/18/EC

0.2.1. Automatic review AUX-02 →

Purpose: Review if the occurrence is under the scope of Directive 2009/18/EC. There are exceptions so manual reviews should be applied if it is true.

Condition: Aux-01 is true.

Procedure: {
 {
 Casualty Event {in any Event} [Level 1] not equal to Non-accidental event
 or
 Accident type {in any Event} has at least one of Accident, Unknown
 }
 and
 [
 Ship / craft type {Occurrence/Vessel} [Level 1] doesn't have any of Fishing vessel, Fixed offshore drilling units, Recreational craft, Inland waterway vessel
]
 or
 [

Ship / craft type {Occurrence/Vessel} [Level 1] not equal to Fixed offshore drilling units
and
Nr. passengers {Occurrence/Vessel} greater than 12
and
Propulsion type {Occurrence/Vessel} has at least one of Not propelled, Oars/paddles
]
or
[
Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
and
[
Length overall {Occurrence/Vessel} greater than or equal to 15.00 m
or
Length between PP {Occurrence/Vessel} greater than or equal to 15.00 m
]
]
or
[
Ship / craft type {Occurrence/Vessel} [Level 1] equal to Recreational craft
and
Commercial voyage {Occurrence/Vessel} equal to Yes
and
Nr. passengers {Occurrence/Vessel} greater than 12
]
or
[
Ship / craft type {Occurrence/Vessel} [Level 1] equal to Inland waterway vessel
and
Occurrence location {Occurrence} [Level 1] not equal to Inland waters
]
and
Directive 2009/18 {Occurrence} not equal to No
}

If True

They are under the scope of the Directive 2009/18/EC if they are not (this refers to individual ships; when more than a ship is involved, exclusion must apply to both ships)):

- Ships owned or operated by a Member State and used only on government non-commercial service;
- Ships not propelled by mechanical means;
- Wooden ships of primitive build;
- Fixed offshore drilling units.

So, manual review is required.

Else

They are not under the scope of the Directive 2009/18/EC.

1. Occurrence identification →

All the fields are system entries excepting 'Nature occurrence'.

1.1. Nature Occurrence

It is not possible to review automatically the nature of occurrence but it can be determined by reading the 'Description' value.

1.1.1. *Manual review M-01.01* →

Purpose: Review (Nature occurrence). Read (Description) to review if (Nature occurrence) is ok. Occupational accident is an accident to a person, which does not occur as a consequence of a casualty event to a ship or the emergency response to a casualty event.

Condition: Always.

Procedure: {
 Casualty Report Nr. {Occurrence} has value
 and
 Nature occurrence {Occurrence} has value
}

2. Workflow - Member State - EMSA →

2.1. Occurrence Type

This is a mandatory fields because it substitutes the field 'Investigation Report Type' that was in the PCF list of mandatory fields.

2.1.1. *Automatic review A-02.01* →

Purpose: Review (Occurrence Type) value. It should not be empty.

Condition: Always.

Procedure: {
 Occurrence Type {Occurrence} has no value
}

2.1.2. *Automatic review A-02.02* →

Purpose: Review (Occurrence type) value. It should be [Notification] when (Member State role) is [n.a.].

Condition: Always.

Procedure: {
 Member State role {Occurrence} equal to n.a.
 and
 Occurrence Type {Occurrence} not equal to Notification
}

2.1.3. *Automatic review A-02.03* →

Purpose: Review (Occurrence type) value. It should be [Investigation] when (Member State role) is [EU lead investigating state] or [Lead investigating state] or [Reporter].

Condition: Always.

Procedure: {
 Member State role {Occurrence} has at least one of EU lead investigating state, Lead investigating state, Reporter
 and
 Occurrence type {Occurrence} not equal to Investigation
}

2.1.4. *Automatic review A-02.04* →

Purpose: Review (Occurrence type) value. It should be [Investigation] if (Final Report) or (Final Report Date) has value.

Condition: Always.

Procedure: {
 Occurrence type {Occurrence} not equal to Investigation
 and
 {
 Final Report {in any Final Report} has value
 or
 Report Date {in any Final Report} has value
 }
}

2.2. **Investigation Status**

This is a mandatory field for the workflow follow up.

2.2.1. *Automatic review A-02.05* →

Purpose: Review (Investigation Status) value. It should not be empty.

Condition: Always.

Procedure: {
 Investigation Status {Occurrence} has no value
}

2.2.2. *Automatic review A-02.06 →*

Purpose: Review (Investigation Status) value. It should be [Not Applicable] if (Occurrence type) value is [Notification].

Condition: Always.

Procedure: {
 Investigation Status {Occurrence} not equal to Not Applicable
 and
 Occurrence type {Occurrence} equal to Notification
}

2.2.3. *Automatic review A-02.07 →*

Purpose: Review (Investigation Status) value. It should be [To be started], [Ongoing] or [Finished] if (Occurrence type) value is [Investigation].

Condition: Always.

Procedure: {
 Investigation Status {Occurrence} doesn't have any of To be started, Ongoing, Finished
 and
 Occurrence type {Occurrence} equal to Investigation
}

2.2.4. *Automatic review A-02.08 →*

Purpose: Review (Investigation Status) value. It should be [Finished] if (Final Report) or (Final Report Date) have value.

Condition: Always.

Procedure: {
 Investigation Status {Occurrence} not equal to Finished
 and
 {
 Final Report {in any Final Report} has value
 or
 Report Date {in any Final Report} has value
 }
}

2.2.5. *Automatic review A-02.09 (INVESTIGATION STATUS) →*

Purpose: Review (Investigation status) value. It should be [Ongoing] or [Finished] if (Occurrence type) is [Investigation] and there is an (Interim report).

Condition: Always.

Procedure: {
 Investigation Status {Occurrence} equal to To be started
 and
 Occurrence Type {Occurrence} equal to Investigation
 and
 Interim Report {in any Interim Report} has value
}

3. Final Report →

3.1. Final Report

This is not a mandatory field.

3.1.1. *Automatic review A-03.01* →

Purpose: Review (Final Report) value. It should not be empty if (Occurrence Type) value is [Investigation] and (Investigation Status) value is [Finished].

Condition: If AUX-01 is False
If Directive 2009/18 equal to Yes
A-03.01

Procedure: {
 Occurrence Type {Occurrence} equal to Investigation
 and
 Investigation Status {Occurrence} equal to Finished
 and
 Final Report {in any Final Report} [File Name] has no value
}

3.1.2. *Manual review M-03.01* →

Purpose: Review if occurrence is under scope of Directive 2009/18/EC. If it is, review (Final Report) value, it should not be empty if (Occurrence Type) value is [Investigation] and (Investigation Status) value is [Finished].

Condition: If AUX-01 is True
If AUX-02 is True
M-03.01

Procedure: {
 Final Report {in any Final Report} has no value
 and
 Occurrence Type {Occurrence} equal to Investigation
 and
 Investigation Status {Occurrence} equal to Finished
}

3.2. Final Report Date

This is a mandatory field if the investigation is finished.

3.2.1. *Automatic review A-03.02* →

Purpose: Review (Final Report Date) value. It should not be empty if (Occurrence Type) value is [Investigation] and (Investigation Status) value is [Finished].

Condition: If AUX-01 is False
If Directive 2009/18 equal to Yes
A-03.02

Procedure: {
 Occurrence Type {Occurrence} equal to Investigation

and
Investigation Status {Occurrence} equal to Finished
and
Report Date {in any Final Report} has no value
}

3.2.2. *Manual review M-03.02 →*

Purpose: Review if occurrence is under scope of Directive 2009/18/EC. If it is, review 'Final Report Date' value, it should not be empty if (Occurrence Type) value is [Investigation] and (Investigation Status) value is [Finished].

Condition: If AUX-01 is True
If AUX-02 is True
M-03.02

Procedure: {
Report Date {in any Final Report} has no value
and
Occurrence Type {Occurrence} equal to Investigation
and
Investigation Status {Occurrence} equal to Finished
}

3.3. Report Type

This is a mandatory field for finished investigations.

3.3.1. *Automatic review A-03.03 →*

Purpose: Review (Report Type) value. It should not be empty if (Final Report) or (Final Report Date) have value.

Condition: Always.

Procedure: {
Report Type {in any Final Report} has no value
and
{
Final Report {in any Final Report} has value
or
Report Date {in any Final Report} has value
}
}

3.3.2. *Automatic review A-03.04 →*

Purpose: Review (Report Type) value. It should not be [Simplified Report] but [Final Report] if (Occurrence severity) value is [Very serious].

Condition: If AUX-01 is False
If Directive 2009/18 equal to Yes
A-03.04

Procedure: {
 {
 Final Report {in any Final Report} has value
 or
 Report Date {in any Final Report} has value
 }
 and
 Report Type {in any Final Report} equal to Simplified Report
 and
 Occurrence severity {Occurrence} equal to Very serious
}

3.3.3. *Manual review M-03.03* →

Purpose: Review if occurrence is under scope of Directive 2009/18/EC. If it is, review (Report Type) value. It should not be [Simplified Report] but [Final Report] if (Occurrence severity) value is [Very serious].

Condition: If AUX-01 is True
 If AUX-02 is True
 M-03.03

Procedure: {
 {
 Final Report {in any Final Report} has value
 or
 Report Date {in any Final Report} has value
 }
 and
 Report Type {in any Final Report} equal to Simplified Report
 and
 Occurrence severity {Occurrence} equal to Very Serious
}

3.3.4. *Automatic review A-03.05* →

Purpose: Review (Report Type) value. It should be [Final Report] for this very serious casualty with a ship.

Condition: If AUX-01 is False
 If Directive 2009/18 equal to Yes
 A-03.05

Procedure: {
 {
 Final Report {in any Final Report} has value
 or
 Report Date {in any Final Report} has value
 }
 and
 Report Type {in any Final Report} not equal to Final Report
 and

Occurrence severity {Occurrence} equal to Very Serious
and
Nature occurrence {Occurrence} equal to Casualty with a ship
and
Casualty Event {in any Event} [Level 1] not equal to Non-accidental event
}

3.3.5. Manual review M-03.04 →

Purpose: Review if occurrence is under scope of Directive 2009/18/EC. If it is, review (Report Type) value, it should be [Final Report] for this very serious casualty with a ship.

Condition: If AUX-01 is True
If AUX-02 is True
M-03.04

Procedure: {
 {
 Final Report {in any Final Report} has value
 or
 Report Date {in any Final Report} has value
 }
 and
 Report Type {in any Final Report} not equal to Final Report
 and
 Occurrence severity {Occurrence} equal to Very Serious
 and
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and
 Casualty Event {in any Event} [Level 1] not equal to Non-accidental event
}

3.3.6. Automatic review A-03.06 →

Purpose: Review (Report Type) value. It should be [Final Report] for this very serious occupational accident.

Condition: If AUX-01 is False
If Directive 2009/18 equal to Yes
A-03.06

Procedure: {
 {
 Final Report {in any Final Report} has value
 or
 Report Date {in any Final Report} has value
 }
 and
 Report Type {in any Final Report} not equal to Final Report
 and
 Occurrence severity {Occurrence} equal to Very Serious
 and

Nature occurrence {Occurrence} equal to Occupational accident
and
Accident type {in any Event} doesn't have any of Illness, Suicide/homicide, Accid.
Not rel. to ship oper.
}

3.3.7. *Manual review M-03.05* →

Purpose: Review if occurrence is under scope of Directive 2009/18/EC. If it is, review (Report Type) value, it should be [Final Report] for this very serious occupational accident.

Condition: If AUX-01 is True
If AUX-02 is True
M-03.05

Procedure: {
 {
 Final Report {in any Final Report} has value
 or
 Report Date {in any Final Report} has value
 }
 and
 Report Type {in any Final Report} not equal to Final Report
 and
 Occurrence severity {Occurrence} equal to Very Serious
 and
 Nature occurrence {Occurrence} equal to Occupational accident
 and
 Accident type {in any Event} doesn't have any of Illness, Suicide/homicide, Accid.
 Not rel. to ship oper.
}

3.3.8. *Manual review M-03.06* →

Purpose: Review if occurrence is under scope of Directive 2009/18/EC. If it is, review (Report Type) value, it should be [Final Report], occurrence is serious and findings could prevent future casualties.

Condition: If AUX-01 is True
If AUX-02 is True
M-03.06

Procedure: {
 {
 Final Report {in any Final Report} has value
 or
 Report Date {in any Final Report} has value
 }
 and
 Report Type {in any Final Report} not equal to Final Report
 and
 Occurrence severity {Occurrence} equal to Serious

and
Nature occurrence {Occurrence} equal to Casualty with a ship
and
Casualty Event {in any Event} [Level 1] not equal to Non-accidental event
}

3.3.9. Automatic review A-03.08 →

Purpose: Review (Report Type) value. It should be [Final Report] or [Simplified Report], it is a serious casualty with a ship to be investigated.

Condition: If AUX-01 is False
If Directive 2009/18 equal to Yes
A-03.08

Procedure: {
 {
 Final Report {in any Final Report} has value
 or
 Report Date {in any Final Report} has value
 }
 and
 Report Type {in any Final Report} doesn't have any of Simplified Report, Final Report
 and
 Occurrence severity {Occurrence} equal to Serious
 and
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and
 Casualty Event {in any Event} [Level 1] not equal to Non-accidental event
}

3.3.10. Manual review M-03.07 →

Purpose: Review if occurrence is under scope of Directive 2009/18/EC. If it is, review (Report Type) value, it should be [Final Report] or [Simplified Report], it is a serious casualty with a ship to be investigated.

Condition: If AUX-01 is True
If AUX-02 is True
M-03.07

Procedure: {
 {
 Final Report {in any Final Report} has value
 or
 Report Date {in any Final Report} has value
 }
 and
 Report Type {in any Final Report} doesn't have any of Simplified Report, Final Report
 and

Occurrence severity {Occurrence} equal to Serious
and
Nature occurrence {Occurrence} equal to Casualty with a ship
and
Casualty Event {in any Event} [Level 1] not equal to Non-accidental event
}

3.3.11. Automatic review A-03.09 →

Purpose: Review (Report Type) value. It should be [Final Report] or [Simplified Report], it is a serious occupational accident to be investigated.

Condition: If AUX-01 is False
If Directive 2009/18 equal to Yes
A-03.09

Procedure: {
 {
 Final Report {in any Final Report} has value
 or
 Report Date {in any Final Report} has value
 }
 and
 Report Type {in any Final Report} doesn't have any of Simplified Report, Final Report
 and
 Occurrence severity {Occurrence} equal to Serious
 and
 Nature occurrence {Occurrence} equal to Occupational accident
 and
 Accident type {in any Event} doesn't have any of Illness, Suicide/homicide, Accid. Not rel. to ship oper.
}

3.3.12. Manual review M-03.08 →

Purpose: Review if occurrence is under scope of Directive 2009/18/EC. If it is, review (Report Type) value, it should be [Final Report] or [Simplified Report], it is a serious occupational accident to be investigated.

Condition: If AUX-01 is True
If AUX-02 is True
M-03.08

Procedure: {
 {
 Final Report {in any Final Report} has value
 or
 Report Date {in any Final Report} has value
 }
 and

Report Type {in any Final Report} doesn't have any of Simplified Report, Final Report
and
Occurrence severity {Occurrence} equal to Serious
and
Nature occurrence {Occurrence} equal to Occupational accident
and
Accident type {in any Event} doesn't have any of Illness, Suicide/homicide, Accid. Not rel. to ship oper.
and
Reasons not investing. {Occurrence} has no value
}

3.3.13. [Manual review M-03.09](#) →

Purpose: Review (Report Type) value. It should be [Final Report], occurrence is serious and findings of the casualty investigation could prevent future casualties.

Condition: If AUX-01 is False
If Directive 2009/18 equal to Yes
A-03.07

Procedure: {
 {
 Final Report {in any Final Report} has value
 or
 Report Date {in any Final Report} has value
 }
 and
 Report Type {in any Final Report} not equal to Final Report
 and
 Occurrence severity {Occurrence} equal to Serious
 and
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and
 Casualty Event {in any Event} [Level 1] not equal to Non-accidental event
}

4. [Filling Information](#) →

4.1. Title

It is not in the PCF list of mandatory fields.

4.1.1. [Automatic review RA-04.01](#) →

Purpose: It is recommended to review (Title) value. It is recommended not to be empty and to be a clear and comprehensive sentence describing the occurrence.

Condition: If AUX-01 is True
If AUX-02 is True
RA-04.01
Else
If Directive 2009/18 equal to Yes
RA-04.01

Procedure: {
Title {Occurrence} has no value
}

4.1.2. *Manual review M-04.01* →

Purpose: Review (Title) value. Read (Description) and (Title) values to check if they are consistent and written in English.

Condition: Always.

Procedure: {
Casualty Report Nr. {Occurrence} has value
and
Title {Occurrence} has value
and
Description {in any Narratives} has value
}

4.2. Under the Scope of Directive 2009/18/EC

It is in the PCF list of mandatory fields.

4.2.1. *Automatic review A-04.01* →

Purpose: Review (Directive 2009/18) value. It should not be empty.

Condition: Always.

Procedure: {
Directive 2009/18 {Occurrence} has no value
}

4.2.2. *Automatic review A-04.02* →

Purpose: Review (Directive 2009/18) value. Review if the casualty is under the scope of Directive 2009/18.

Condition: If AUX-01 is False
If A-04.02 is True
If Directive 2009/18 {Occurrence} equal to No
Review (Directive 2009/18) value. The case is under the scope of Directive 2009/18 but (Directive 2009/18) value is [No].
Else
If Directive 2009/18 {Occurrence} equal to Yes
Review (Directive 2009/18) value. The case is not under the scope of Directive 2009/18 but (Directive 2009/18) value is [Yes].

Procedure: {
 Casualty Event {in any Event} [Level 1] not equal to Non-accidental event
 or
 Accident type {in any Event} has at least one of Accident, Unknown
}

If true
 {
 {
 [
 Ship / craft type {Occurrence/Vessel} [Level 1] doesn't have any of Fixed offshore
drilling units, Inland waterway vessel, Fishing vessel, Recreational craft
 and
 Commercial voyage {Occurrence/Vessel} equal to Yes
 and
 Nr. passengers {Occurrence/Vessel} greater than 12
 and
 Propulsion type {Occurrence/Vessel} has at least one of Not propelled,
Oars/paddles
]
 or
 [
 Ship / craft type {Occurrence/Vessel} [Level 1] doesn't have any of Fixed offshore
drilling units, Inland waterway vessel, Fishing vessel, Recreational craft
 and
 Commercial voyage {Occurrence/Vessel} equal to Yes
 and
 Nr. passengers {Occurrence/Vessel} greater than 12
 and
 Hull material {Occurrence/Vessel} equal to Wood - Primitive built
]
 or
 [
 Ship / craft type {Occurrence/Vessel} [Level 1] equal to Recreational craft
 and
 Commercial voyage {Occurrence/Vessel} equal to Yes
 and
 Nr. passengers {Occurrence/Vessel} greater than 12
]
 or
 [
 Ship / craft type {Occurrence/Vessel} [Level 1] equal to Recreational craft
 and
 Commercial voyage {Occurrence/Vessel} equal to Yes
 and
 Nr. passengers {Occurrence/Vessel} greater than 12
]
 or
 }

[
Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
and
Commercial voyage {Occurrence/Vessel} equal to Yes
and
Nr. passengers {Occurrence/Vessel} greater than 12
and
Propulsion type {Occurrence/Vessel} has at least one of Not propelled,
Oars/paddles
and
[Length between pp {Occurrence/Vessel} greater than or equal to 15.00 m
or
Length overall {Occurrence/Vessel} greater than or equal to 15.00 m]
]
or
[
Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
and
Commercial voyage {Occurrence/Vessel} equal to Yes
and
Nr. passengers {Occurrence/Vessel} greater than 12
and
Hull material {Occurrence/Vessel} equal to Wood - Primitive built
and
[Length between pp {Occurrence/Vessel} greater than or equal to 15.00 m
or
Length overall {Occurrence/Vessel} greater than or equal to 15.00 m]
]
or
[
Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
and
Commercial voyage {Occurrence/Vessel} equal to Yes
and
Nr. passengers {Occurrence/Vessel} greater than 12
and
Propulsion type {Occurrence/Vessel} has at least one of Not propelled,
Oars/paddles
and
[Length between pp {Occurrence/Vessel} greater than or equal to 15.00 m
or
Length overall {Occurrence/Vessel} greater than or equal to 15.00 m]
]
or
[
Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
and

Commercial voyage {Occurrence/Vessel} equal to Yes
 and
 Nr. passengers {Occurrence/Vessel} greater than 12
 and
 Hull material {Occurrence/Vessel} equal to Wood - Primitive built
 and
 [Length between pp {Occurrence/Vessel} greater than or equal to 15.00 m
 or
 Length overall {Occurrence/Vessel} greater than or equal to 15.00 m]
]
 or
 [
 Ship / craft type {Occurrence/Vessel} [Level 1] equal to Inland waterway vessel
 and
 Occurrence location {Occurrence} [Level 1] not equal to Inland waters
 and
 Commercial voyage {Occurrence/Vessel} equal to Yes
 and
 Nr. passengers {Occurrence/Vessel} greater than 12
 and
 Propulsion type {Occurrence/Vessel} has at least one of Not propelled,
 Oars/paddles
]
 or
 [
 Ship / craft type {Occurrence/Vessel} [Level 1] equal to Inland waterway vessel
 and
 Occurrence location {Occurrence} [Level 1] not equal to Inland waters
 and
 Commercial voyage {Occurrence/Vessel} equal to Yes
 and
 Nr. passengers {Occurrence/Vessel} greater than 12
 and
 Hull material {Occurrence/Vessel} equal to Wood - Primitive built
]
 or
 [
 Ship / craft type {Occurrence/Vessel} [Level 1] doesn't have any of Fishing vessel,
 Recreational craft, Inland waterway vessel, Fixed offshore drilling units
 and
 Owned/oper. by MS {Occurrence/Vessel} has value
 and
 Commercial voyage {Occurrence/Vessel} equal to Yes
 and
 Propulsion type {Occurrence/Vessel} doesn't have any of Not propelled,
 Oars/paddles
 and

```

        Hull material {Occurrence/Vessel} not equal to Wood - Primitive built
    ]
    or
    [
        Ship / craft type {Occurrence/Vessel} [Level 1] doesn't have any of Fishing vessel,
Recreational craft, Inland waterway vessel, Fixed offshore drilling units
        and
        Owned/oper. by MS {Occurrence/Vessel} not equal to Yes
        and
        Commercial voyage {Occurrence/Vessel} not equal to Yes
        and
        Propulsion type {Occurrence/Vessel} doesn't have any of Not propelled,
Oars/paddles
        and
        Hull material {Occurrence/Vessel} not equal to Wood - Primitive built
    ]
    or
    [
        Ship / craft type {Occurrence/Vessel} [Level 1] equal to Inland waterway vessel
        and
        Occurrence location {Occurrence} [Level 1] not equal to Inland waters
        and
        Owned/oper. by MS {Occurrence/Vessel} has value
        and
        Commercial voyage {Occurrence/Vessel} equal to Yes
        and
        Propulsion type {Occurrence/Vessel} doesn't have any of Not propelled,
Oars/paddles
        and
        Hull material {Occurrence/Vessel} not equal to Wood - Primitive built
    ]
    or
    [
        Ship / craft type {Occurrence/Vessel} [Level 1] equal to Inland waterway vessel
        and
        Occurrence location {Occurrence} [Level 1] not equal to Inland waters
        and
        Owned/oper. by MS {Occurrence/Vessel} not equal to Yes
        and
        Commercial voyage {Occurrence/Vessel} not equal to Yes
        and
        Propulsion type {Occurrence/Vessel} doesn't have any of Not propelled,
Oars/paddles
        and
        Hull material {Occurrence/Vessel} not equal to Wood - Primitive built
    ]
    or
```

```
[
  Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
  and
  Propulsion type {Occurrence/Vessel} doesn't have any of Not propelled,
Oars/paddles
  and
  Hull material {Occurrence/Vessel} not equal to Wood - Primitive built
  and
  Owned/oper. by MS {Occurrence/Vessel} has value
  and
  Commercial voyage {Occurrence/Vessel} equal to Yes
  and
  [Length between pp {Occurrence/Vessel} greater than or equal to 15.00 m
  or
  Length overall {Occurrence/Vessel} greater than or equal to 15.00 m]
]
or
[
  Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
  and
  Propulsion type {Occurrence/Vessel} doesn't have any of Not propelled,
Oars/paddles
  and
  Hull material {Occurrence/Vessel} not equal to Wood - Primitive built
  and
  Owned/oper. by MS {Occurrence/Vessel} not equal to Yes
  and
  Commercial voyage {Occurrence/Vessel} not equal to Yes
  and
  [Length between pp {Occurrence/Vessel} greater than or equal to 15.00 m
  or
  Length overall {Occurrence/Vessel} greater than or equal to 15.00 m]
]
or
[
  Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
  and
  Propulsion type {Occurrence/Vessel} doesn't have any of Not propelled,
Oars/paddles
  and
  Hull material {Occurrence/Vessel} not equal to Wood - Primitive built
  and
  Owned/oper. by MS {Occurrence/Vessel} has value
  and
  Commercial voyage {Occurrence/Vessel} equal to Yes
  and
  [Length between pp {Occurrence/Vessel} greater than or equal to 15.00 m
```

```

    or
    Length overall {Occurrence/Vessel} greater than or equal to 15.00 m]
  ]
  or
  [
    Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
    and
    Propulsion type {Occurrence/Vessel} doesn't have any of Not propelled,
Oars/paddles
    and
    Hull material {Occurrence/Vessel} not equal to Wood - Primitive built
    and
    Owned/oper. by MS {Occurrence/Vessel} not equal to Yes
    and
    Commercial voyage {Occurrence/Vessel} not equal to Yes
    and
    [Length between pp {Occurrence/Vessel} greater than or equal to 15.00 m
    or
    Length overall {Occurrence/Vessel} greater than or equal to 15.00 m]
  ]
}
and
{
  Directive 2009/18 {Occurrence} equal to Yes
}
}If true
{
  Directive 2009/18 {Occurrence} equal to Yes
}
If true, do nothing
Else, throw message "Review (Directive 2009/18) value. The case is under the scope
of Directive 2009/18 but (Directive 2009/18) value is [No]."
```

Else

```

{
  Directive 2009/18 {Occurrence} equal to No
}
If true, do nothing
Else, throw message "Review (Directive 2009/18) value. The case is not under the
scope of Directive 2009/18 but (Directive 2009/18) value is [Yes]."
```

Else

```

{
  Casualty Event {in any Event} [Last Instance Identifier] less than 2
  or
  Accident type {in any Event} [Last Instance Identifier] less than 2
}
If true
```

```
{
  Directive 2009/18 {Occurrence} equal to Yes
}
If true, throw message "Review (Directive 2009/18) value. The case is not under the scope
of Directive 2009/18 but (Directive 2009/18) value is [Yes]."
Else, do nothing

Else
{
  {
    [
      Ship / craft type {Occurrence/Vessel} [Level 1] doesn't have any of Fixed offshore
drilling units, Inland waterway vessel, Fishing vessel, Recreational craft
      and
      Commercial voyage {Occurrence/Vessel} equal to Yes
      and
      Nr. passengers {Occurrence/Vessel} greater than 12
      and
      Propulsion type {Occurrence/Vessel} has at least one of Not propelled,
Oars/paddles
    ]
    or
    [
      Ship / craft type {Occurrence/Vessel} [Level 1] doesn't have any of Fixed offshore
drilling units, Inland waterway vessel, Fishing vessel, Recreational craft
      and
      Commercial voyage {Occurrence/Vessel} equal to Yes
      and
      Nr. passengers {Occurrence/Vessel} greater than 12
      and
      Hull material {Occurrence/Vessel} equal to Wood - Primitive built
    ]
    or
    [
      Ship / craft type {Occurrence/Vessel} [Level 1] equal to Recreational craft
      and
      Commercial voyage {Occurrence/Vessel} equal to Yes
      and
      Nr. passengers {Occurrence/Vessel} greater than 12
    ]
    or
    [
      Ship / craft type {Occurrence/Vessel} [Level 1] equal to Recreational craft
      and
      Commercial voyage {Occurrence/Vessel} equal to Yes
      and
      Nr. passengers {Occurrence/Vessel} greater than 12
    ]
  }
}
```

```
]
or
[
    Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
    and
    Commercial voyage {Occurrence/Vessel} equal to Yes
    and
    Nr. passengers {Occurrence/Vessel} greater than 12
    and
    Propulsion type {Occurrence/Vessel} has at least one of Not propelled,
    Oars/paddles
    and
    [Length between pp {Occurrence/Vessel} greater than or equal to 15.00 m
    or
    Length overall {Occurrence/Vessel} greater than or equal to 15.00 m]
]
or
[
    Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
    and
    Commercial voyage {Occurrence/Vessel} equal to Yes
    and
    Nr. passengers {Occurrence/Vessel} greater than 12
    and
    Hull material {Occurrence/Vessel} equal to Wood - Primitive built
    and
    [Length between pp {Occurrence/Vessel} greater than or equal to 15.00 m
    or
    Length overall {Occurrence/Vessel} greater than or equal to 15.00 m]
]
or
[
    Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
    and
    Commercial voyage {Occurrence/Vessel} equal to Yes
    and
    Nr. passengers {Occurrence/Vessel} greater than 12
    and
    Propulsion type {Occurrence/Vessel} has at least one of Not propelled,
    Oars/paddles
    and
    [Length between pp {Occurrence/Vessel} greater than or equal to 15.00 m
    or
    Length overall {Occurrence/Vessel} greater than or equal to 15.00 m]
]
or
[
```

Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
and
Commercial voyage {Occurrence/Vessel} equal to Yes
and
Nr. passengers {Occurrence/Vessel} greater than 12
and
Hull material {Occurrence/Vessel} equal to Wood - Primitive built
and
[Length between pp {Occurrence/Vessel} greater than or equal to 15.00 m
or
Length overall {Occurrence/Vessel} greater than or equal to 15.00 m]
]
or
[
Ship / craft type {Occurrence/Vessel} [Level 1] equal to Inland waterway vessel
and
Occurrence location {Occurrence} [Level 1] not equal to Inland waters
and
Commercial voyage {Occurrence/Vessel} equal to Yes
and
Nr. passengers {Occurrence/Vessel} greater than 12
and
Propulsion type {Occurrence/Vessel} has at least one of Not propelled,
Oars/paddles
]
or
[
Ship / craft type {Occurrence/Vessel} [Level 1] equal to Inland waterway vessel
and
Occurrence location {Occurrence} [Level 1] not equal to Inland waters
and
Commercial voyage {Occurrence/Vessel} equal to Yes
and
Nr. passengers {Occurrence/Vessel} greater than 12
and
Hull material {Occurrence/Vessel} equal to Wood - Primitive built
]
or
[
Ship / craft type {Occurrence/Vessel} [Level 1] doesn't have any of Fishing vessel,
Recreational craft, Inland waterway vessel, Fixed offshore drilling units
and
Owned/oper. by MS {Occurrence/Vessel} has value
and
Commercial voyage {Occurrence/Vessel} equal to Yes
and

Propulsion type {Occurrence/Vessel} doesn't have any of Not propelled,
 Oars/paddles
 and
 Hull material {Occurrence/Vessel} not equal to Wood - Primitive built
]
 or
 [
 Ship / craft type {Occurrence/Vessel} [Level 1] doesn't have any of Fishing vessel,
 Recreational craft, Inland waterway vessel, Fixed offshore drilling units
 and
 Owned/oper. by MS {Occurrence/Vessel} not equal to Yes
 and
 Commercial voyage {Occurrence/Vessel} not equal to Yes
 and
 Propulsion type {Occurrence/Vessel} doesn't have any of Not propelled,
 Oars/paddles
 and
 Hull material {Occurrence/Vessel} not equal to Wood - Primitive built
]
 or
 [
 Ship / craft type {Occurrence/Vessel} [Level 1] equal to Inland waterway vessel
 and
 Occurrence location {Occurrence} [Level 1] not equal to Inland waters
 and
 Owned/oper. by MS {Occurrence/Vessel} has value
 and
 Commercial voyage {Occurrence/Vessel} equal to Yes
 and
 Propulsion type {Occurrence/Vessel} doesn't have any of Not propelled,
 Oars/paddles
 and
 Hull material {Occurrence/Vessel} not equal to Wood - Primitive built
]
 or
 [
 Ship / craft type {Occurrence/Vessel} [Level 1] equal to Inland waterway vessel
 and
 Occurrence location {Occurrence} [Level 1] not equal to Inland waters
 and
 Owned/oper. by MS {Occurrence/Vessel} not equal to Yes
 and
 Commercial voyage {Occurrence/Vessel} not equal to Yes
 and
 Propulsion type {Occurrence/Vessel} doesn't have any of Not propelled,
 Oars/paddles
 and

Hull material {Occurrence/Vessel} not equal to Wood - Primitive built
]
or
[
Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
and
Propulsion type {Occurrence/Vessel} doesn't have any of Not propelled,
Oars/paddles
and
Hull material {Occurrence/Vessel} not equal to Wood - Primitive built
and
Owned/oper. by MS {Occurrence/Vessel} has value
and
Commercial voyage {Occurrence/Vessel} equal to Yes
and
[Length between pp {Occurrence/Vessel} greater than or equal to 15.00 m
or
Length overall {Occurrence/Vessel} greater than or equal to 15.00 m]
]
or
[
Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
and
Propulsion type {Occurrence/Vessel} doesn't have any of Not propelled,
Oars/paddles
and
Hull material {Occurrence/Vessel} not equal to Wood - Primitive built
and
Owned/oper. by MS {Occurrence/Vessel} not equal to Yes
and
Commercial voyage {Occurrence/Vessel} not equal to Yes
and
[Length between pp {Occurrence/Vessel} greater than or equal to 15.00 m
or
Length overall {Occurrence/Vessel} greater than or equal to 15.00 m]
]
or
[
Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
and
Propulsion type {Occurrence/Vessel} doesn't have any of Not propelled,
Oars/paddles
and
Hull material {Occurrence/Vessel} not equal to Wood - Primitive built
and
Owned/oper. by MS {Occurrence/Vessel} has value
and

```

        Commercial voyage {Occurrence/Vessel} equal to Yes
        and
        [Length between pp {Occurrence/Vessel} greater than or equal to 15.00 m
        or
        Length overall {Occurrence/Vessel} greater than or equal to 15.00 m]
    ]
    or
    [
        Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
        and
        Propulsion type {Occurrence/Vessel} doesn't have any of Not propelled,
Oars/paddles
        and
        Hull material {Occurrence/Vessel} not equal to Wood - Primitive built
        and
        Owned/oper. by MS {Occurrence/Vessel} not equal to Yes
        and
        Commercial voyage {Occurrence/Vessel} not equal to Yes
        and
        [Length between pp {Occurrence/Vessel} greater than or equal to 15.00 m
        or
        Length overall {Occurrence/Vessel} greater than or equal to 15.00 m]
    ]
}
and
{
    Directive 2009/18 {Occurrence} equal to Yes
}
}
If true
{
    Directive 2009/18 {Occurrence} equal to Yes
}
If true, do nothing
Else, throw message "Review (Directive 2009/18) value. The case is under the scope
of Directive 2009/18 but (Directive 2009/18) value is [No]."  

Else
{
    Directive 2009/18 {Occurrence} equal to No
}
If true, do nothing
Else, throw message "Review (Directive 2009/18) value. The case is not under the
scope of Directive 2009/18 but (Directive 2009/18) value is [Yes]."  


```

4.3. Investigating State

It is in the PCF list of mandatory fields.

4.3.1. *Automatic review A-04.03 [Implemented in EMCIP] →*

Purpose: Review (Investigating State) value. It should not be empty.

Condition: Always.

Procedure: {
 Investigating State {Occurrence} has no value
}

4.3.2. *Automatic review A-04.04 →*

Purpose: Review (Investigating State) value. A State is required if (Occurrence Type) value is [Investigation].

Condition: Always.

Procedure: {
 Investigating State {Occurrence} has at least one of None/Register withdrawn,
 Unknown, Other
 and
 Occurrence Type {Occurrence} equal to Investigation
}

4.3.3. *Automatic review A-04.05 →*

Purpose: Review (Investigating State) value. A State is required if (Member State role) is not [n.a.], because that means there is an investigation.

Condition: Always

Procedure: {
 Investigating State {Occurrence} has at least one of None/Register withdrawn,
 Unknown
 and
 Member State role {Occurrence} not equal to n.a.
}

4.4. Member State role

It is in the PCF list of mandatory fields.

4.4.1. *Automatic review A-04.06 [Implemented in EMCIP] →*

Purpose: Review (Member State role) value. It should not be empty.

Condition: Always

Procedure: {
 Member State role {Occurrence} has no value
}

4.4.2. *Automatic review A-04.07 →*

Purpose: Review (Member State role) value. It should be [n.a.] if (Occurrence Type) value is not equal to [Investigation].

Condition: Always.

Procedure: {
 Member State role {Occurrence} has value
 and
 Member State role {Occurrence} not equal to n.a.
 and
 Occurrence Type {Occurrence} not equal to Investigation
}

4.4.3. *Automatic review A-04.08* →

Purpose: Review (Member State role) value. It should be [Reporter] if a non-EU State leads the safety investigation.

Condition: Always.

Procedure: {
 Member State role {Occurrence} has value
 and
 Member State role {Occurrence} not equal to Reporter
 and
 Investigating State {Occurrence} doesn't have any of AUSTRIA, BELGIUM, BULGARIA, CYPRUS, CROATIA, CZECH REPUBLIC, DENMARK, ESTONIA, FINLAND, FRANCE, GERMANY, GREECE, HUNGARY, ICELAND, IRELAND, ITALY, LATVIA, LITHUANIA, LUXEMBOURG, MALTA, NETHERLANDS, NORWAY, POLAND, PORTUGAL, ROMANIA, SLOVAKIA, SLOVENIA, SPAIN, SWEDEN, UNITED KINGDOM OR GIBRALTAR
}

4.4.4. *Automatic review A-04.09* →

Purpose: Review (Member State role) value. It should be [EU lead investigating state] if an EU State leads the safety investigation and all the substantially interested members are EU Member States.

Condition: Always.

Procedure: {
 Member State role {Occurrence} has value
 and
 Member State role {Occurrence} not equal to EU lead investigating state
 and
 Occurrence Type {Occurrence} equal to Investigation
 and
 Investigating State {Occurrence} has at least one of AUSTRIA, BELGIUM, BULGARIA, CYPRUS, CROATIA, CZECH REPUBLIC, DENMARK, ESTONIA, FINLAND, FRANCE, GERMANY, GREECE, HUNGARY, ICELAND, IRELAND, ITALY, LATVIA, LITHUANIA, LUXEMBOURG, MALTA, NETHERLANDS, NORWAY, POLAND, PORTUGAL, ROMANIA, SLOVAKIA, SLOVENIA, SPAIN, SWEDEN, UNITED KINGDOM OR GIBRALTAR
 and
 {

Coastal states aff.{Occurrence} has value

and

Coastal states aff.{Occurrence} doesn't have any of AFGHANISTAN, AFGHANISTAN, ALBANIA, ALGERIA, AMERICAN SAMOA, ANDORRA, ANGOLA, ANGUILLA, ANTARCTICA, ANTIGUA AND BARBUDA, ARGENTINA, ARMENIA, ARUBA, AUSTRALIA, AZERBAIJAN, BAHAMAS, BAHRAIN, BANGLADESH, BARBADOS, BELARUS, BELIZE, BENIN, BERMUDA, BHUTAN, BOLIVIA, BOSNIA AND HERZEGOVINA, BOTSWANA, BOUVET ISLAND, BRAZIL, BRITISH INDIAN , CEAN TERRITORY, BRUNEI DARUSSALAM, BURKINA FASO, BURUNDI, CAMBODIA, CAMEROON, CANADA, CAPE VERDE, CAYMAN ISLANDS, CENTRAL AFRICAN REPUBLIC, CHAD, CHILE, CHINA, CHINA (HONG KONG S.A.R), CHINA (MACAO S.A.R), CHRISTMAS ISLAND, COCOS (KEELING) ISLANDS, COLOMBIA, COMOROS, CONGO, CONGO, THE DEMOCRATIC REPUBLIC OF THE, COOK ISLANDS, COSTA RICA, COTE D'IVOIRE, CUBA, DJIBOUTI, DOMINICA, DOMINICAN REPUBLIC, EAST TIMOR, ECUADOR, EGYPT, EL SALVADOR, EQUATORIAL GUINEA, ERITREA, ETHIOPIA, FALKLAND ISLANDS (MALVINAS), FAROE ISLANDS, FIJI, FRENCH GUIANA, FRENCH POLYNESIA, FRENCH OUTHERN TERRITORIES, GABON, GAMBIA, GEORGIA, GHANA, GREENLAND, GRENADA, GUADELOUPE, GUAM, GUATEMALA, GUINEA, GUINEA-BISSAU, GUYANA, HAITI, HEARD ISLAND AND MCDONALD ISLANDS, HOLY SEE (VATICAN CITY STATE), HONDURAS, INDIA, INDONESIA, IRAN, ISLAMIC REPUBLIC OF, IRAQ, ISLE OF MAN, ISRAEL, JAMAICA, JAPAN, JORDAN, KAZAKSTAN, KENYA, KIRIBATI, KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF, KOREA, REPUBLIC OF, KUWAIT, KYRGYZSTAN, LAO PEOPLE'S DEMOCRATIC REPUBLIC, LEBANON, LESOTHO, LIBERIA, LIBYAN ARAB JAMAHIRIYA, LIECHTENSTEIN, MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF, MADAGASCAR, MALAWI, MALAYSIA, MALDIVES, MALI, MARSHALL ISLANDS, MARTINIQUE, MAURITANIA, MAURITIUS, MAYOTTE, MEXICO, MICRONESIA, FEDERATED STATES OF, MOLDOVA, REPUBLIC OF, MONACO, MONGOLIA, MONTSERRAT, MOROCCO, MOZAMBIQUE, MYANMAR NAMIBIA, NAURU, NEPAL, NETHERLANDS ANTILLES, NEW CALEDONIA, NEW ZEALAND, NICARAGUA, NIGER, NIGERIA, NIUE, NORFOLK ISLAND, NORTHERN MARIANA ISLANDS, OMAN, PAKISTAN, PALAU, PALESTINIAN TERRITORY, OCCUPIED, PANAMA, PAPUA NEW GUINEA, PARAGUAY, PERU, PHILIPPINES, PITCAIRN, PUERTO RICO, QATAR, REUNION, RUSSIAN FEDERATION, RWANDA, SAINT HELENA, SAINT KITTS AND NEVIS, SAINT LUCIA, SAINT PIERRE AND MIQUELON, SAINT VINCENT AND THE GRENADINES, SAMOA, SAN MARINO, SAO TOME AND PRINCIPE, SAUDI ARABIA, SENEGAL, SERBIA, SEYCHELLES, SIERRA LEONE, SINGAPORE, SOLOMON ISLANDS, SOMALIA, SOUTH AFRICA, SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS, SRI LANKA, SUDAN, SURINAME, SVALBARD AND JAN MAYEN, SWAZILAND, SWITZERLAND, SYRIAN ARAB REPUBLIC, TAIWAN, TAJIKISTAN, TANZANIA, UNITED REPUBLIC OF, THAILAND, TOGO, TOKELAU, TONGA, TRINIDAD AND TOBAGO, TUNISIA, TURKEY, TURKMENISTAN, TURKS AND CAICOS ISLANDS, TUVALU, UGANDA, UKRAINE, UNITED ARAB EMIRATES, UNITED STATES, UNITED STATES MINOR OUTLYING ISLANDS, URUGUAY, UZBEKISTAN, VANUATU, VENEZUELA, VIET NAM, VIRGIN ISLANDS, BRITISH, VIRGIN ISLANDS, U.S., WALLIS AND FUTUNA,

WESTERN SAHARA, YEMEN, ZAMBIA, ZIMBABWE, None/Register withdrawn,
Other, Unknown

}

and

{

Other Subst.interest.States{Occurrence} has value

and

Other Subst.interest.States {Occurrence} doesn't have any of AFGHANISTAN, AFGHANISTAN, ALBANIA, ALGERIA, AMERICAN SAMOA, ANDORRA, ANGOLA, ANGUILLA, ANTARCTICA, ANTIGUA AND BARBUDA, ARGENTINA, ARMENIA, ARUBA, AUSTRALIA, AZERBAIJAN, BAHAMAS, BAHRAIN, BANGLADESH, BARBADOS, BELARUS, BELIZE, BENIN, BERMUDA, BHUTAN, BOLIVIA, BOSNIA AND HERZEGOVINA, BOTSWANA, BOUVET ISLAND, BRAZIL, BRITISH INDIAN , CEAN TERRITORY, BRUNEI DARUSSALAM, BURKINA FASO, BURUNDI, CAMBODIA, CAMEROON, CANADA, CAPE VERDE, CAYMAN ISLANDS, CENTRAL AFRICAN REPUBLIC, CHAD, CHILE, CHINA, CHINA (HONG KONG S.A.R), CHINA (MACAO S.A.R), CHRISTMAS ISLAND, COCOS (KEELING) ISLANDS, COLOMBIA, COMOROS, CONGO, CONGO, THE DEMOCRATIC REPUBLIC OF THE, COOK ISLANDS, COSTA RICA, COTE D'IVOIRE, CUBA, DJIBOUTI, DOMINICA, DOMINICAN REPUBLIC, EAST TIMOR, ECUADOR, EGYPT, EL SALVADOR, EQUATORIAL GUINEA, ERITREA, ETHIOPIA, FALKLAND ISLANDS (MALVINAS), FAROE ISLANDS, FIJI, FRENCH GUIANA, FRENCH POLYNESIA, FRENCH OUTHERN TERRITORIES, GABON, GAMBIA, GEORGIA, GHANA, GREENLAND, GRENADA, GUADELOUPE, GUAM, GUATEMALA, GUINEA, GUINEA-BISSAU, GUYANA, HAITI, HEARD ISLAND AND MCDONALD ISLANDS, HOLY SEE (VATICAN CITY STATE), HONDURAS, INDIA, INDONESIA, IRAN, ISLAMIC REPUBLIC OF, IRAQ, ISLE OF MAN, ISRAEL, JAMAICA, JAPAN, JORDAN, KAZAKSTAN, KENYA, KIRIBATI, KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF, KOREA, REPUBLIC OF, KUWAIT, KYRGYZSTAN, LAO PEOPLE'S DEMOCRATIC REPUBLIC, LEBANON, LESOTHO, LIBERIA, LIBYAN ARAB JAMAHIRIYA, LIECHTENSTEIN, MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF, MADAGASCAR, MALAWI, MALAYSIA, MALDIVES, MALI, MARSHALL ISLANDS, MARTINIQUE, MAURITANIA, MAURITIUS, MAYOTTE, MEXICO, MICRONESIA, FEDERATED STATES OF, MOLDOVA, REPUBLIC OF, MONACO, MONGOLIA, MONTSERRAT, MOROCCO, MOZAMBIQUE, MYANMAR NAMIBIA, NAURU, NEPAL, NETHERLANDS ANTILLES, NEW CALEDONIA, NEW ZEALAND, NICARAGUA, NIGER, NIGERIA, NIUE, NORFOLK ISLAND, NORTHERN MARIANA ISLANDS, OMAN, PAKISTAN, PALAU, PALESTINIAN TERRITORY, OCCUPIED, PANAMA, PAPUA NEW GUINEA, PARAGUAY, PERU, PHILIPPINES, PITCAIRN, PUERTO RICO, QATAR, REUNION, RUSSIAN FEDERATION, RWANDA, SAINT HELENA, SAINT KITTS AND NEVIS, SAINT LUCIA, SAINT PIERRE AND MIQUELON, SAINT VINCENT AND THE GRENADINES, SAMOA, SAN MARINO, SAO TOME AND PRINCIPE, SAUDI ARABIA, SENEGAL, SERBIA, SEYCHELLES, SIERRA LEONE, SINGAPORE, SOLOMON ISLANDS, SOMALIA, SOUTH AFRICA, SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS, SRI LANKA, SUDAN, SURINAME, SVALBARD AND JAN MAYEN, SWAZILAND, SWITZERLAND, SYRIAN ARAB REPUBLIC, TAIWAN, TAJIKISTAN, TANZANIA, UNITED REPUBLIC OF,

THAILAND, TOGO, TOKELAU, TONGA, TRINIDAD AND TOBAGO, TUNISIA, TURKEY, TURKMENISTAN, TURKS AND CAICOS ISLANDS, TUVALU, UGANDA, UKRAINE, UNITED ARAB EMIRATES, UNITED STATES, UNITED STATES MINOR OUTLYING ISLANDS, URUGUAY, UZBEKISTAN, VANUATU, VENEZUELA, VIET NAM, VIRGIN ISLANDS, BRITISH, VIRGIN ISLANDS, U.S., WALLIS AND FUTUNA, WESTERN SAHARA, YEMEN, ZAMBIA, ZIMBABWE, None/Register withdrawn, Other, Unknown

}

and

{

Flag State {in any vessel} has value

and

Flag State {in any vessel} doesn't have any of AFGHANISTAN, AFGHANISTAN, ALBANIA, ALGERIA, AMERICAN SAMOA, ANDORRA, ANGOLA, ANGUILLA, ANTARCTICA, ANTIGUA AND BARBUDA, ARGENTINA, ARMENIA, ARUBA, AUSTRALIA, AZERBAIJAN, BAHAMAS, BAHRAIN, BANGLADESH, BARBADOS, BELARUS, BELIZE, BENIN, BERMUDA, BHUTAN, BOLIVIA, BOSNIA AND HERZEGOVINA, BOTSWANA, BOUVET ISLAND, BRAZIL, BRITISH INDIAN , CEAN TERRITORY, BRUNEI DARUSSALAM, BURKINA FASO, BURUNDI, CAMBODIA, CAMEROON, CANADA, CAPE VERDE, CAYMAN ISLANDS, CENTRAL AFRICAN REPUBLIC, CHAD, CHILE, CHINA, CHINA (HONG KONG S.A.R), CHINA (MACAO S.A.R), CHRISTMAS ISLAND, COCOS (KEELING) ISLANDS, COLOMBIA, COMOROS, CONGO, CONGO, THE DEMOCRATIC REPUBLIC OF THE, COOK ISLANDS, COSTA RICA, COTE D'IVOIRE, CUBA, DJIBOUTI, DOMINICA, DOMINICAN REPUBLIC, EAST TIMOR, ECUADOR, EGYPT, EL SALVADOR, EQUATORIAL GUINEA, ERITREA, ETHIOPIA, FALKLAND ISLANDS (MALVINAS), FAROE ISLANDS, FIJI, FRENCH GUIANA, FRENCH POLYNESIA, FRENCH OUTHERN TERRITORIES, GABON, GAMBIA, GEORGIA, GHANA, GREENLAND, GRENADA, GUADELOUPE, GUAM, GUATEMALA, GUINEA, GUINEA-BISSAU, GUYANA, HAITI, HEARD ISLAND AND MCDONALD ISLANDS, HOLY SEE (VATICAN CITY STATE), HONDURAS, INDIA, INDONESIA, IRAN, ISLAMIC REPUBLIC OF, IRAQ, ISLE OF MAN, ISRAEL, JAMAICA, JAPAN, JORDAN, KAZAKSTAN, KENYA, KIRIBATI, KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF, KOREA, REPUBLIC OF, KUWAIT, KYRGYZSTAN, LAO PEOPLE'S DEMOCRATIC REPUBLIC, LEBANON, LESOTHO, LIBERIA, LIBYAN ARAB JAMAHIRIYA, LIECHTENSTEIN, MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF, MADAGASCAR, MALAWI, MALAYSIA, MALDIVES, MALI, MARSHALL ISLANDS, MARTINIQUE, MAURITANIA, MAURITIUS, MAYOTTE, MEXICO, MICRONESIA, FEDERATED STATES OF, MOLDOVA, REPUBLIC OF, MONACO, MONGOLIA, MONTSERRAT, MOROCCO, MOZAMBIQUE, MYANMAR NAMIBIA, NAURU, NEPAL, NETHERLANDS ANTILLES, NEW CALEDONIA, NEW ZEALAND, NICARAGUA, NIGER, NIGERIA, NIUE, NORFOLK ISLAND, NORTHERN MARIANA ISLANDS, OMAN, PAKISTAN, PALAU, PALESTINIAN TERRITORY, OCCUPIED, PANAMA, PAPUA NEW GUINEA, PARAGUAY, PERU, PHILIPPINES, PITCAIRN, PUERTO RICO, QATAR, REUNION, RUSSIAN FEDERATION, RWANDA, SAINT HELENA, SAINT KITTS AND NEVIS, SAINT LUCIA, SAINT PIERRE AND MIQUELON, SAINT VINCENT AND THE GRENADINES, SAMOA, SAN MARINO,

SAO TOME AND PRINCIPE, SAUDI ARABIA, SENEGAL, SERBIA, SEYCHELLES, SIERRA LEONE, SINGAPORE, SOLOMON ISLANDS, SOMALIA, SOUTH AFRICA, SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS, SRI LANKA, SUDAN, SURINAME, SVALBARD AND JAN MAYEN, SWAZILAND, SWITZERLAND, SYRIAN ARAB REPUBLIC, TAIWAN, TAJIKISTAN, TANZANIA, UNITED REPUBLIC OF, THAILAND, TOGO, TOKELAU, TONGA, TRINIDAD AND TOBAGO, TUNISIA, TURKEY, TURKMENISTAN, TURKS AND CAICOS ISLANDS, TUVALU, UGANDA, UKRAINE, UNITED ARAB EMIRATES, UNITED STATES, UNITED STATES MINOR OUTLYING ISLANDS, URUGUAY, UZBEKISTAN, VANUATU, VENEZUELA, VIET NAM, VIRGIN ISLANDS, BRITISH, VIRGIN ISLANDS, U.S., WALLIS AND FUTUNA, WESTERN SAHARA, YEMEN, ZAMBIA, ZIMBABWE, None/Register withdrawn, Other, Unknown

}
}

4.4.5. Automatic review A-04.10 →

Purpose: Review (Member State role) value. It should be [Lead investigating state] when an EU State leads the safety investigation and not all the substantially interested members are EU Member States.

Condition: Always.

Procedure: {

Member State role {Occurrence} has value

and

Member State role {Occurrence} not equal to Lead investigating state

and

Occurrence Type {Occurrence} equal to Investigation

and

Investigating State {Occurrence} has at least one of AUSTRIA, BELGIUM, BULGARIA, CYPRUS, CROATIA, CZECH REPUBLIC, DENMARK, ESTONIA, FINLAND, FRANCE, GERMANY, GREECE, HUNGARY, ICELAND, IRELAND, ITALY, LATVIA, LITHUANIA, LUXEMBOURG, MALTA, NETHERLANDS, NORWAY, POLAND, PORTUGAL, ROMANIA, SLOVAKIA, SLOVENIA, SPAIN, SWEDEN, UNITED KINGDOM OR GIBRALTAR

and

Coastal states aff.{Occurrence} has at least one of AFGHANISTAN, AFGHANISTAN, ALBANIA, ALGERIA, AMERICAN SAMOA, ANDORRA, ANGOLA, ANGUILLA, ANTARCTICA, ANTIGUA AND BARBUDA, ARGENTINA, ARMENIA, ARUBA, AUSTRALIA, AZERBAIJAN, BAHAMAS, BAHRAIN, BANGLADESH, BARBADOS, BELARUS, BELIZE, BENIN, BERMUDA, BHUTAN, BOLIVIA, BOSNIA AND HERZEGOVINA, BOTSWANA, BOUVET ISLAND, BRAZIL, BRITISH INDIAN , CEAN TERRITORY, BRUNEI DARUSSALAM, BURKINA FASO, BURUNDI, CAMBODIA, CAMEROON, CANADA, CAPE VERDE, CAYMAN ISLANDS, CENTRAL AFRICAN REPUBLIC, CHAD, CHILE, CHINA, CHINA (HONG KONG S.A.R), CHINA (MACAO S.A.R), CHRISTMAS ISLAND, COCOS (KEELING) ISLANDS, COLOMBIA, COMOROS, CONGO, CONGO, THE DEMOCRATIC REPUBLIC OF THE, COOK ISLANDS, COSTA RICA, COTE D'IVOIRE, CUBA, DJIBOUTI, DOMINICA, DOMINICAN REPUBLIC, EAST TIMOR, ECUADOR, EGYPT, EL SALVADOR, EQUATORIAL GUINEA, ERITREA,

ETHIOPIA, FALKLAND ISLANDS (MALVINAS), FAROE ISLANDS, FIJI, FRENCH GUIANA, FRENCH POLYNESIA, FRENCH OUTHERN TERRITORIES, GABON, GAMBIA, GEORGIA, GHANA, GREENLAND, GRENADA, GUADELOUPE, GUAM, GUATEMALA, GUINEA, GUINEA-BISSAU, GUYANA, HAITI, HEARD ISLAND AND MCDONALD ISLANDS, HOLY SEE (VATICAN CITY STATE), HONDURAS, INDIA, INDONESIA, IRAN, ISLAMIC REPUBLIC OF, IRAQ, ISLE OF MAN, ISRAEL, JAMAICA, JAPAN, JORDAN, KAZAKSTAN, KENYA, KIRIBATI, KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF, KOREA, REPUBLIC OF, KUWAIT, KYRGYZSTAN, LAO PEOPLE'S DEMOCRATIC REPUBLIC, LEBANON, LESOTHO, LIBERIA, LIBYAN ARAB JAMAHIRIYA, LIECHTENSTEIN, MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF, MADAGASCAR, MALAWI, MALAYSIA, MALDIVES, MALI, MARSHALL ISLANDS, MARTINIQUE, MAURITANIA, MAURITIUS, MAYOTTE, MEXICO, MICRONESIA, FEDERATED STATES OF, MOLDOVA, REPUBLIC OF, MONACO, MONGOLIA, MONTSERRAT, MOROCCO, MOZAMBIQUE, MYANMAR NAMIBIA, NAURU, NEPAL, NETHERLANDS ANTILLES, NEW CALEDONIA, NEW ZEALAND, NICARAGUA, NIGER, NIGERIA, NIUE, NORFOLK ISLAND, NORTHERN MARIANA ISLANDS, OMAN, PAKISTAN, PALAU, PALESTINIAN TERRITORY, OCCUPIED, PANAMA, PAPUA NEW GUINEA, PARAGUAY, PERU, PHILIPPINES, PITCAIRN, PUERTO RICO, QATAR, REUNION, RUSSIAN FEDERATION, RWANDA, SAINT HELENA, SAINT KITTS AND NEVIS, SAINT LUCIA, SAINT PIERRE AND MIQUELON, SAINT VINCENT AND THE GRENADINES, SAMOA, SAN MARINO, SAO TOME AND PRINCIPE, SAUDI ARABIA, SENEGAL, SERBIA, SEYCHELLES, SIERRA LEONE, SINGAPORE, SOLOMON ISLANDS, SOMALIA, SOUTH AFRICA, SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS, SRI LANKA, SUDAN, SURINAME, SVALBARD AND JAN MAYEN, SWAZILAND, SWITZERLAND, SYRIAN ARAB REPUBLIC, TAIWAN, TAJIKISTAN, TANZANIA, UNITED REPUBLIC OF, THAILAND, TOGO, TOKELAU, TONGA, TRINIDAD AND TOBAGO, TUNISIA, TURKEY, TURKMENISTAN, TURKS AND CAICOS ISLANDS, TUVALU, UGANDA, UKRAINE, UNITED ARAB EMIRATES, UNITED STATES, UNITED STATES MINOR OUTLYING ISLANDS, URUGUAY, UZBEKISTAN, VANUATU, VENEZUELA, VIET NAM, VIRGIN ISLANDS, BRITISH, VIRGIN ISLANDS, U.S., WALLIS AND FUTUNA, WESTERN SAHARA, YEMEN, ZAMBIA, ZIMBABWE, Other, Unknown and

Other Subst.interest.States {Occurrence} has at least one of AFGHANISTAN, AFGHANISTAN, ALBANIA, ALGERIA, AMERICAN SAMOA, ANDORRA, ANGOLA, ANGUILLA, ANTARCTICA, ANTIGUA AND BARBUDA, ARGENTINA, ARMENIA, ARUBA, AUSTRALIA, AZERBAIJAN, BAHAMAS, BAHRAIN, BANGLADESH, BARBADOS, BELARUS, BELIZE, BENIN, BERMUDA, BHUTAN, BOLIVIA, BOSNIA AND HERZEGOVINA, BOTSWANA, BOUVET ISLAND, BRAZIL, BRITISH INDIAN , CEAN TERRITORY, BRUNEI DARUSSALAM, BURKINA FASO, BURUNDI, CAMBODIA, CAMEROON, CANADA, CAPE VERDE, CAYMAN ISLANDS, CENTRAL AFRICAN REPUBLIC, CHAD, CHILE, CHINA, CHINA (HONG KONG S.A.R), CHINA (MACAO S.A.R), CHRISTMAS ISLAND, COCOS (KEELING) ISLANDS, COLOMBIA, COMOROS, CONGO, CONGO, THE DEMOCRATIC REPUBLIC OF THE, COOK ISLANDS, COSTA RICA, COTE D'IVOIRE, CUBA, DJIBOUTI, DOMINICA, DOMINICAN REPUBLIC, EAST TIMOR, ECUADOR, EGYPT, EL SALVADOR, EQUATORIAL GUINEA, ERITREA, ETHIOPIA, FALKLAND ISLANDS (MALVINAS), FAROE ISLANDS, FIJI, FRENCH GUIANA, FRENCH POLYNESIA, FRENCH OUTHERN TERRITORIES, GABON, GAMBIA,

GEORGIA, GHANA, GREENLAND, GRENADA, GUADELOUPE, GUAM, GUATEMALA, GUINEA, GUINEA-BISSAU, GUYANA, HAITI, HEARD ISLAND AND MCDONALD ISLANDS, HOLY SEE (VATICAN CITY STATE), HONDURAS, INDIA, INDONESIA, IRAN, ISLAMIC REPUBLIC OF, IRAQ, ISLE OF MAN, ISRAEL, JAMAICA, JAPAN, JORDAN, KAZAKSTAN, KENYA, KIRIBATI, KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF, KOREA, REPUBLIC OF, KUWAIT, KYRGYZSTAN, LAO PEOPLE'S DEMOCRATIC REPUBLIC, LEBANON, LESOTHO, LIBERIA, LIBYAN ARAB JAMAHIRIYA, LIECHTENSTEIN, MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF, MADAGASCAR, MALAWI, MALAYSIA, MALDIVES, MALI, MARSHALL ISLANDS, MARTINIQUE, MAURITANIA, MAURITIUS, MAYOTTE, MEXICO, MICRONESIA, FEDERATED STATES OF, MOLDOVA, REPUBLIC OF, MONACO, MONGOLIA, MONTSERRAT, MOROCCO, MOZAMBIQUE, MYANMAR NAMIBIA, NAURU, NEPAL, NETHERLANDS ANTILLES, NEW CALEDONIA, NEW ZEALAND, NICARAGUA, NIGER, NIGERIA, NIUE, NORFOLK ISLAND, NORTHERN MARIANA ISLANDS, OMAN, PAKISTAN, PALAU, PALESTINIAN TERRITORY, OCCUPIED, PANAMA, PAPUA NEW GUINEA, PARAGUAY, PERU, PHILIPPINES, PITCAIRN, PUERTO RICO, QATAR, REUNION, RUSSIAN FEDERATION, RWANDA, SAINT HELENA, SAINT KITTS AND NEVIS, SAINT LUCIA, SAINT PIERRE AND MIQUELON, SAINT VINCENT AND THE GRENADINES, SAMOA, SAN MARINO, SAO TOME AND PRINCIPE, SAUDI ARABIA, SENEGAL, SERBIA, SEYCHELLES, SIERRA LEONE, SINGAPORE, SOLOMON ISLANDS, SOMALIA, SOUTH AFRICA, SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS, SRI LANKA, SUDAN, SURINAME, SVALBARD AND JAN MAYEN, SWAZILAND, SWITZERLAND, SYRIAN ARAB REPUBLIC, TAIWAN, TAJIKISTAN, TANZANIA, UNITED REPUBLIC OF, THAILAND, TOGO, TOKELAU, TONGA, TRINIDAD AND TOBAGO, TUNISIA, TURKEY, TURKMENISTAN, TURKS AND CAICOS ISLANDS, TUVALU, UGANDA, UKRAINE, UNITED ARAB EMIRATES, UNITED STATES, UNITED STATES MINOR OUTLYING ISLANDS, URUGUAY, UZBEKISTAN, VANUATU, VENEZUELA, VIET NAM, VIRGIN ISLANDS, BRITISH, VIRGIN ISLANDS, U.S., WALLIS AND FUTUNA, WESTERN SAHARA, YEMEN, ZAMBIA, ZIMBABWE, Other, Unknown
and

Flag State {in any vessel} has at least one of AFGHANISTAN, AFGHANISTAN, ALBANIA, ALGERIA, AMERICAN SAMOA, ANDORRA, ANGOLA, ANGUILLA, ANTARCTICA, ANTIGUA AND BARBUDA, ARGENTINA, ARMENIA, ARUBA, AUSTRALIA, AZERBAIJAN, BAHAMAS, BAHRAIN, BANGLADESH, BARBADOS, BELARUS, BELIZE, BENIN, BERMUDA, BHUTAN, BOLIVIA, BOSNIA AND HERZEGOVINA, BOTSWANA, BOUVET ISLAND, BRAZIL, BRITISH INDIAN , CEAN TERRITORY, BRUNEI DARUSSALAM, BURKINA FASO, BURUNDI, CAMBODIA, CAMEROON, CANADA, CAPE VERDE, CAYMAN ISLANDS, CENTRAL AFRICAN REPUBLIC, CHAD, CHILE, CHINA, CHINA (HONG KONG S.A.R), CHINA (MACAO S.A.R), CHRISTMAS ISLAND, COCOS (KEELING) ISLANDS, COLOMBIA, COMOROS, CONGO, CONGO, THE DEMOCRATIC REPUBLIC OF THE, COOK ISLANDS, COSTA RICA, COTE D'IVOIRE, CUBA, DJIBOUTI, DOMINICA, DOMINICAN REPUBLIC, EAST TIMOR, ECUADOR, EGYPT, EL SALVADOR, EQUATORIAL GUINEA, ERITREA, ETHIOPIA, FALKLAND ISLANDS (MALVINAS), FAROE ISLANDS, FIJI, FRENCH GUIANA, FRENCH POLYNESIA, FRENCH OUTHERN TERRITORIES, GABON, GAMBIA, GEORGIA, GHANA, GREENLAND, GRENADA, GUADELOUPE, GUAM, GUATEMALA, GUINEA, GUINEA-BISSAU, GUYANA, HAITI, HEARD ISLAND AND MCDONALD

ISLANDS, HOLY SEE (VATICAN CITY STATE), HONDURAS, INDIA, INDONESIA, IRAN, ISLAMIC REPUBLIC OF, IRAQ, ISLE OF MAN, ISRAEL, JAMAICA, JAPAN, JORDAN, KAZAKSTAN, KENYA, KIRIBATI, KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF, KOREA, REPUBLIC OF, KUWAIT, KYRGYZSTAN, LAO PEOPLE'S DEMOCRATIC REPUBLIC, LEBANON, LESOTHO, LIBERIA, LIBYAN ARAB JAMAHIRIYA, LIECHTENSTEIN, MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF, MADAGASCAR, MALAWI, MALAYSIA, MALDIVES, MALI, MARSHALL ISLANDS, MARTINIQUE, MAURITANIA, MAURITIUS, MAYOTTE, MEXICO, MICRONESIA, FEDERATED STATES OF, MOLDOVA, REPUBLIC OF, MONACO, MONGOLIA, MONTSERRAT, MOROCCO, MOZAMBIQUE, MYANMAR NAMIBIA, NAURU, NEPAL, NETHERLANDS ANTILLES, NEW CALEDONIA, NEW ZEALAND, NICARAGUA, NIGER, NIGERIA, NIUE, NORFOLK ISLAND, NORTHERN MARIANA ISLANDS, OMAN, PAKISTAN, PALAU, PALESTINIAN TERRITORY, OCCUPIED, PANAMA, PAPUA NEW GUINEA, PARAGUAY, PERU, PHILIPPINES, PITCAIRN, PUERTO RICO, QATAR, REUNION, RUSSIAN FEDERATION, RWANDA, SAINT HELENA, SAINT KITTS AND NEVIS, SAINT LUCIA, SAINT PIERRE AND MIQUELON, SAINT VINCENT AND THE GRENADINES, SAMOA, SAN MARINO, SAO TOME AND PRINCIPE, SAUDI ARABIA, SENEGAL, SERBIA, SEYCHELLES, SIERRA LEONE, SINGAPORE, SOLOMON ISLANDS, SOMALIA, SOUTH AFRICA, SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS, SRI LANKA, SUDAN, SURINAME, SVALBARD AND JAN MAYEN, SWAZILAND, SWITZERLAND, SYRIAN ARAB REPUBLIC, TAIWAN, TAJIKISTAN, TANZANIA, UNITED REPUBLIC OF, THAILAND, TOGO, TOKELAU, TONGA, TRINIDAD AND TOBAGO, TUNISIA, TURKEY, TURKMENISTAN, TURKS AND CAICOS ISLANDS, TUVALU, UGANDA, UKRAINE, UNITED ARAB EMIRATES, UNITED STATES, UNITED STATES MINOR OUTLYING ISLANDS, URUGUAY, UZBEKISTAN, VANUATU, VENEZUELA, VIET NAM, VIRGIN ISLANDS, BRITISH, VIRGIN ISLANDS, U.S., WALLIS AND FUTUNA, WESTERN SAHARA, YEMEN, ZAMBIA, ZIMBABWE, Other, Unknown

}

4.5. Occurrence national

It is recommended in the PCF list of mandatory fields.

4.5.1. Automatic review RA-04.02 →

Purpose: It is recommended to review (Occ. national nr.) value. It is recommended not to be empty.

Condition: If AUX-01 is True
 If AUX-02 is True
 RA-04.02
 Else
 If Directive 2009/18 equal to Yes
 RA-04.02

Procedure: {
 Occ. national nr. {Occurrence} has no value
 }

4.6. Coastal states aff.

It is in the PCF list of mandatory fields.

4.6.1. Automatic review A-04.11 →

Purpose: Review (Coastal states aff.) value. It should not be empty.

Condition: Always.

Procedure: {
 Coastal states aff.{Occurrence} has no value
}

4.6.2. Automatic review A-04.12 →

Purpose: Review (Coastal states aff.) value. [None/Register withdrawn] is not a valid value if there is at least one Coastal State affected.

Condition: Always.

Procedure: {
 Coastal states aff.{Occurrence} has at least one of None/Register withdrawn
 and
 Coastal states aff.{Occurrence} [Value Instance Identifier] greater than 1
}

4.6.3. Manual review M-04.02 →

Purpose: Review (Coastal states aff.) value. Read (Description) value and check that all the coastal states affected are included in (Coastal states aff.) list.

Condition: Always.

Procedure: {
 Casualty Report Nr. {Occurrence} has value
}

4.6.4. Automatic review RA-04.03 [Implemented in EMCIP] →

Purpose: It is recommended to review (Coastal states aff.) value. It is recommended (Coastal states aff.) has value if there was [SAR intervention].

Condition: If AUX-01 is True

 If AUX-02 is True

 RA-04.03

 Else

 If Directive 2009/18 equal to Yes

 RA-04.03

Procedure: {
 Coastal states aff.{Occurrence} has no value
 and
 SAR intervention {Occurrence} equal to Yes
}

4.7. Interested authorities

It is in the PCF list of mandatory fields.

4.7.1. Automatic review A-04.13 →

Purpose: Review (Interested authorities) value. The (Competent authority) should not be included in the (Interested authorities) list.

Condition: Always.

Procedure: {

- {
Interest. authorities {Occurrence} has at least one of AT - ASIA
and
Competent authority {Occurrence} equal to Austria - ASIA
}
or
{
Interest. authorities {Occurrence} has at least one of BE - FPS_TM
and
Competent authority {Occurrence} equal to Belgium - FPS_TM
}
or
{
Interest. authorities {Occurrence} has at least one of BG - BMAIB
and
Competent authority {Occurrence} equal to Bulgaria - BMAIB
}
or
{
Interest. authorities {Occurrence} has at least one of HR - AIN
and
Competent authority {Occurrence} equal to Croatia - AIN
}
or
{
Interest. authorities {Occurrence} has at least one of CY - MAIC
and
Competent authority {Occurrence} equal to Cyprus - MAIC
}
or
{
Interest. authorities {Occurrence} has at least one of CZ - MT_ND
and
Competent authority {Occurrence} equal to Czech Republic - MT_ND
}
or
{
Interest. authorities {Occurrence} has at least one of DK - DMAIB
and

Competent authority {Occurrence} equal to Denmark - DMAIB
}
or
{
Interest. authorities {Occurrence} has at least one of EE - ESIB
and
Competent authority {Occurrence} equal to Estonia - ESIB
}
or
{
Interest. authorities {Occurrence} has at least one of FI - SIA
and
Competent authority {Occurrence} equal to Finland - SIA
}
or
{
Interest. authorities {Occurrence} has at least one of FR - BEAmer
and
Competent authority {Occurrence} equal to France - BEAmer
}
or
{
Interest. authorities {Occurrence} has at least one of DE - BSU
and
Competent authority {Occurrence} equal to Germany - BSU
}
or
{
Interest. authorities {Occurrence} has at least one of UK Gibraltar - MAICO
and
Competent authority {Occurrence} equal to Gibraltar - UK - MAICO
}
or
{
Interest. authorities {Occurrence} has at least one of GR - HBMCI
and
Competent authority {Occurrence} equal to Greece - HBMCI
}
or
{
Interest. authorities {Occurrence} has at least one of HU - TSBH
and
Competent authority {Occurrence} equal to Hungary - TSBH
}
or
{
Interest. authorities {Occurrence} has at least one of IS - IMAIB

and
Competent authority {Occurrence} equal to Iceland - IMAIB
}
or
{
Interest. authorities {Occurrence} has at least one of IE - MCIB
and
Competent authority {Occurrence} equal to Ireland - MCIB
}
or
{
Interest. authorities {Occurrence} has at least one of IT - MCICB
and
Competent authority {Occurrence} equal to Italy - MCICB
}
or
{
Interest. authorities {Occurrence} has at least one of LV - TAIIB
and
Competent authority {Occurrence} equal to Latvia - TAIIB
}
or
{
Interest. authorities {Occurrence} has at least one of LT - TAITs
and
Competent authority {Occurrence} equal to Lithuania - TAITs
}
or
{
Interest. authorities {Occurrence} has at least one of LU - AET
and
Competent authority {Occurrence} equal to Luxembourg - AET
}
or
{
Interest. authorities {Occurrence} has at least one of MT - MSIU
and
Competent authority {Occurrence} equal to Malta - MSIU
}
or
{
Interest. authorities {Occurrence} has at least one of NL - DSB
and
Competent authority {Occurrence} equal to Netherlands - DSB
}
or
{

**Interest. authorities {Occurrence} has at least one of NO - AIBN
and
Competent authority {Occurrence} equal to Norway - AIBN**
}
or
{
**Interest. authorities {Occurrence} has at least one of PL - PKBWM
and
Competent authority {Occurrence} equal to Poland - PKBWM**
}
or
{
**Interest. authorities {Occurrence} has at least one of PT - GPIAM
and
Competent authority {Occurrence} equal to Portugal - GPIAM**
}
or
{
**Interest. authorities {Occurrence} has at least one of RO - MAID
and
Competent authority {Occurrence} equal to Romania - MAID**
}
or
{
**Interest. authorities {Occurrence} has at least one of SK - MTCR
and
Competent authority {Occurrence} equal to Slovakia - MTCR**
}
or
{
**Interest. authorities {Occurrence} has at least one of SI - MID
and
Competent authority {Occurrence} equal to Slovenia - MID**
}
or
{
**Interest. authorities {Occurrence} has at least one of SP - CIAIM
and
Competent authority {Occurrence} equal to Spain - CIAIM**
}
or
{
**Interest. authorities {Occurrence} has at least one of SE - SHK
and
Competent authority {Occurrence} equal to Sweden - SHK**
}
or


```

    {
      Interest. authorities {Occurrence} has at least one of UK - MAIB
      and
      Competent authority {Occurrence} equal to United Kingdom - MAIB
    }
  }

```

4.7.2. Automatic review A-04.14 →

Purpose: Review (Interested authorities) value. Investigative Bodies of EU flag States that are substantially interested and that are not the (State Reporting) should be included in the (Interested authorities) list.

Condition: Always.

Procedure: {

```

    {
      Flag State {in any Vessel} equal to AUSTRIA
      and
      State Reporting {Occurrence} doesn't have any of Austria
      and
      Interested authorities {Occurrence} doesn't have any of AT - ASIA
    }
    or
    {
      Flag State {in any Vessel} equal to BELGIUM
      and
      State Reporting {Occurrence} doesn't have any of Belgium
      and
      Interested authorities {Occurrence} doesn't have any of BE - FPD_TM
    }
    or
    {
      Flag State {in any Vessel} equal to BULGARIA
      and
      State Reporting {Occurrence} doesn't have any of Bulgaria
      and
      Interested authorities {Occurrence} doesn't have any of BG - BMAIB
    }
    or
    {
      Flag State {in any Vessel} equal to CROATIA
      and
      State Reporting {Occurrence} doesn't have any of Croatia
      and
      Interested authorities {Occurrence} doesn't have any of HR - AIN
    }
    or
    {
      Flag State {in any Vessel} equal to CYPRUS

```

```
and
State Reporting {Occurrence} doesn't have any of Cyprus
and
Interested authorities {Occurrence} doesn't have any of CY - DMS_MAID
}
or
{
Flag State {in any Vessel} equal to CZECH REPUBLIC
and
State Reporting {Occurrence} doesn't have any of Czech Republic
and
Interested authorities {Occurrence} doesn't have any of CZ - MT_ND
}
or
{
Flag State {in any Vessel} equal to DENMARK
and
State Reporting {Occurrence} doesn't have any of Denmark
and
Interested authorities {Occurrence} doesn't have any of DK - DMAIB
}
or
{
Flag State {in any Vessel} equal to ESTONIA
and
State Reporting {Occurrence} doesn't have any of Estonia
and
Interested authorities {Occurrence} doesn't have any of EE - ESIB
}
or
{
Flag State {in any Vessel} equal to FINLAND
and
State Reporting {Occurrence} doesn't have any of Finland
and
Interested authorities {Occurrence} doesn't have any of FI - SIA
}
or
{
Flag State {in any Vessel} equal to FRANCE
and
State Reporting {Occurrence} doesn't have any of France
and
Interested authorities {Occurrence} doesn't have any of FR - BEAmer
}
or
{
```

Flag State {in any Vessel} equal to GERMANY
and
State Reporting {Occurrence} doesn't have any of Germany
and
Interested authorities {Occurrence} doesn't have any of DE - BSU
}
or
{
Flag State {in any Vessel} equal to GREECE
and
State Reporting {Occurrence} doesn't have any of Greece
and
Interested authorities {Occurrence} doesn't have any of GR - HBMCI
}
or
{
Flag State {in any Vessel} equal to HUNGARY
and
State Reporting {Occurrence} doesn't have any of Hungary
and
Interested authorities {Occurrence} doesn't have any of HU - TSBH
}
or
{
Flag State {in any Vessel} equal to ICELAND
and
State Reporting {Occurrence} doesn't have any of Iceland
and
Interested authorities {Occurrence} doesn't have any of IS - IMAIB
}
or
{
Flag State {in any Vessel} equal to IRELAND
and
State Reporting {Occurrence} doesn't have any of Ireland
and
Interested authorities {Occurrence} doesn't have any of IE - MCIB
}
or
{
Flag State {in any Vessel} equal to ITALY
and
State Reporting {Occurrence} doesn't have any of Italy
and
Interested authorities {Occurrence} doesn't have any of IT - MCICB
}
or

```
{
  Flag State {in any Vessel} equal to LATVIA
  and
  State Reporting {Occurrence} doesn't have any of Latvia
  and
  Interested authorities {Occurrence} doesn't have any of LV - TAIIB
}
or
{
  Flag State {in any Vessel} equal to LITHUANIA
  and
  State Reporting {Occurrence} doesn't have any of Lithuania
  and
  Interested authorities {Occurrence} doesn't have any of LT - TAITIS
}
or
{
  Flag State {in any Vessel} equal to LUXEMBOURG
  and
  State Reporting {Occurrence} doesn't have any of Luxembourg
  and
  Interested authorities {Occurrence} doesn't have any of LU - AET
}
or
{
  Flag State {in any Vessel} equal to MALTA
  and
  State Reporting {Occurrence} doesn't have any of Malta
  and
  Interested authorities {Occurrence} doesn't have any of MT - MSIU
}
or
{
  Flag State {in any Vessel} equal to NETHERLANDS
  and
  State Reporting {Occurrence} doesn't have any of Netherlands
  and
  Interested authorities {Occurrence} doesn't have any of NL - DSB
}
or
{
  Flag State {in any Vessel} equal to NORWAY
  and
  State Reporting {Occurrence} doesn't have any of Norway
  and
  Interested authorities {Occurrence} doesn't have any of NO - AIBN
}
```

or
{
 Flag State {in any Vessel} equal to POLAND
 and
 State Reporting {Occurrence} doesn't have any of Poland
 and
 Interested authorities {Occurrence} doesn't have any of PL - PKBWM
}
or
{
 Flag State {in any Vessel} equal to PORTUGAL
 and
 State Reporting {Occurrence} doesn't have any of Portugal
 and
 Interested authorities {Occurrence} doesn't have any of PT - GPIAM
}
or
{
 Flag State {in any Vessel} equal to ROMANIA
 and
 State Reporting {Occurrence} doesn't have any of Romania
 and
 Interested authorities {Occurrence} doesn't have any of RO - MAID
}
or
{
 Flag State {in any Vessel} equal to SLOVAKIA
 and
 State Reporting {Occurrence} doesn't have any of Slovakia
 and
 Interested authorities {Occurrence} doesn't have any of SK - MTCR
}
or
{
 Flag State {in any Vessel} equal to SLOVENIA
 and
 State Reporting {Occurrence} doesn't have any of Slovenia
 and
 Interested authorities {Occurrence} doesn't have any of SI - MID
}
or
{
 Flag State {in any Vessel} equal to SPAIN
 and
 State Reporting {Occurrence} doesn't have any of Spain
 and
 Interested authorities {Occurrence} doesn't have any of SP - CIAIM

```
}  
or  
{  
  Flag State {in any Vessel} equal to SWEDEN  
  and  
  State Reporting {Occurrence} doesn't have any of Sweden  
  and  
  Interested authorities {Occurrence} doesn't have any of SE - SAIA  
}  
or  
{  
  Flag State {in any Vessel} equal to UNITED KINGDOM  
  and  
  State Reporting {Occurrence} doesn't have any of United Kingdom  
  and  
  Interested authorities {Occurrence} doesn't have any of UK - MAIB  
}  
or  
{  
  Flag State {in any Vessel} equal to GIBRALTAR  
  and  
  State Reporting {Occurrence} doesn't have any of Gibraltar  
  and  
  Interested authorities {Occurrence} doesn't have any of UK Gibraltar - MAICO  
}  
}
```

4.7.3. *Automatic review A-04.15* →

Purpose: Review (Interested authorities) value. Investigative Bodies of EU coastal states that are substantially interested but are not the (State Reporting) should be included in the (Interested authorities) list.

Condition: Always.

Procedure: {
 {
 Coastal states aff. {Occurrence} has at least one of AUSTRIA
 and
 State Reporting {Occurrence} doesn't have any of Austria
 and
 Interested authorities {Occurrence} doesn't have any of AT - ASIA
 }
 or
 {
 Coastal states aff. {Occurrence} has at least one of BELGIUM
 and
 State Reporting {Occurrence} doesn't have any of Belgium
 and
 Interested authorities {Occurrence} doesn't have any of BE - FPD_TM
 }
}

```
}  
or  
{  
    Coastal states aff. {Occurrence} has at least one of BULGARIA  
    and  
    State Reporting {Occurrence} doesn't have any of Bulgaria  
    and  
    Interested authorities {Occurrence} doesn't have any of BG - BMAIB  
}  
or  
{  
    Coastal states aff. {Occurrence} has at least one of CROATIA  
    and  
    State Reporting {Occurrence} doesn't have any of Croatia  
    and  
    Interested authorities {Occurrence} doesn't have any of HR - AIN  
}  
or  
{  
    Coastal states aff. {Occurrence} has at least one of CYPRUS  
    and  
    State Reporting {Occurrence} doesn't have any of Cyprus  
    and  
    Interested authorities {Occurrence} doesn't have any of CY - DMS_MAID  
}  
or  
{  
    Coastal states aff. {Occurrence} has at least one of CZECH REPUBLIC  
    and  
    State Reporting {Occurrence} doesn't have any of Czech Republic  
    and  
    Interested authorities {Occurrence} doesn't have any of CZ - MT_ND  
}  
or  
{  
    Coastal states aff. {Occurrence} has at least one of DENMARK  
    and  
    State Reporting {Occurrence} doesn't have any of Denmark  
    and  
    Interested authorities {Occurrence} doesn't have any of DK - DMAIB  
}  
or  
{  
    Coastal states aff. {Occurrence} has at least one of ESTONIA  
    and  
    State Reporting {Occurrence} doesn't have any of Estonia  
    and
```

Interested authorities {Occurrence} doesn't have any of EE - ESIB
}
or
{
Coastal states aff. {Occurrence} has at least one of FINLAND
and
State Reporting {Occurrence} doesn't have any of Finland
and
Interested authorities {Occurrence} doesn't have any of FI - SIA
}
or
{
Coastal states aff. {Occurrence} has at least one of FRANCE
and
State Reporting {Occurrence} doesn't have any of France
and
Interested authorities {Occurrence} doesn't have any of FR - BEAmer
}
or
{
Coastal states aff. {Occurrence} has at least one of GERMANY
and
State Reporting {Occurrence} doesn't have any of Germany
and
Interested authorities {Occurrence} doesn't have any of DE - BSU
}
or
{
Coastal states aff. {Occurrence} has at least one of GREECE
and
State Reporting {Occurrence} doesn't have any of Greece
and
Interested authorities {Occurrence} doesn't have any of GR - HBMCI
}
or
{
Coastal states aff. {Occurrence} has at least one of HUNGARY
and
State Reporting {Occurrence} doesn't have any of Hungary
and
Interested authorities {Occurrence} doesn't have any of HU - TSBH
}
or
{
Coastal states aff. {Occurrence} has at least one of ICELAND
and
State Reporting {Occurrence} doesn't have any of Iceland

and
Interested authorities {Occurrence} doesn't have any of IS - IMAIB
}
or
{
Coastal states aff. {Occurrence} has at least one of IRELAND
and
State Reporting {Occurrence} doesn't have any of Ireland
and
Interested authorities {Occurrence} doesn't have any of IE - MCIB
}
or
{
Coastal states aff. {Occurrence} has at least one of ITALY
and
State Reporting {Occurrence} doesn't have any of Italy
and
Interested authorities {Occurrence} doesn't have any of IT - MCICB
}
or
{
Coastal states aff. {Occurrence} has at least one of LATVIA
and
State Reporting {Occurrence} doesn't have any of Latvia
and
Interested authorities {Occurrence} doesn't have any of LV - TAIIB
}
or
{
Coastal states aff. {Occurrence} has at least one of LITHUANIA
and
State Reporting {Occurrence} doesn't have any of Lithuania
and
Interested authorities {Occurrence} doesn't have any of LT - TAITIS
}
or
{
Coastal states aff. {Occurrence} has at least one of LUXEMBOURG
and
State Reporting {Occurrence} doesn't have any of Luxembourg
and
Interested authorities {Occurrence} doesn't have any of LU - AET
}
or
{
Coastal states aff. {Occurrence} has at least one of MALTA
and

State Reporting {Occurrence} doesn't have any of Malta
and
Interested authorities {Occurrence} doesn't have any of MT - MSIU
}
or
{
Coastal states aff. {Occurrence} has at least one of NETHERLANDS
and
State Reporting {Occurrence} doesn't have any of Netherlands
and
Interested authorities {Occurrence} doesn't have any of NL - DSB
}
or
{
Coastal states aff. {Occurrence} has at least one of NORWAY
and
State Reporting {Occurrence} doesn't have any of Norway
and
Interested authorities {Occurrence} doesn't have any of NO - AIBN
}
or
{
Coastal states aff. {Occurrence} has at least one of POLAND
and
State Reporting {Occurrence} doesn't have any of Poland
and
Interested authorities {Occurrence} doesn't have any of PL - PKBWM
}
or
{
Coastal states aff. {Occurrence} has at least one of PORTUGAL
and
State Reporting {Occurrence} doesn't have any of Portugal
and
Interested authorities {Occurrence} doesn't have any of PT - GPIAM
}
or
{
Coastal states aff. {Occurrence} has at least one of ROMANIA
and
State Reporting {Occurrence} doesn't have any of Romania
and
Interested authorities {Occurrence} doesn't have any of RO - MAID
}
or
{
Coastal states aff. {Occurrence} has at least one of SLOVAKIA

```
and
State Reporting {Occurrence} doesn't have any of Slovakia
and
Interested authorities {Occurrence} doesn't have any of SK - MTCR
}
or
{
Coastal states aff. {Occurrence} has at least one of SLOVENIA
and
State Reporting {Occurrence} doesn't have any of Slovenia
and
Interested authorities {Occurrence} doesn't have any of SI - MID
}
or
{
Coastal states aff. {Occurrence} has at least one of SPAIN
and
State Reporting {Occurrence} doesn't have any of Spain
and
Interested authorities {Occurrence} doesn't have any of SP - CIAIM
}
or
{
Coastal states aff. {Occurrence} has at least one of SWEDEN
and
State Reporting {Occurrence} doesn't have any of Sweden
and
Interested authorities {Occurrence} doesn't have any of SE - SAIA
}
or
{
Coastal states aff. {Occurrence} has at least one of UNITED KINGDOM
and
State Reporting {Occurrence} doesn't have any of United Kingdom
and
Interested authorities {Occurrence} doesn't have any of UK - MAIB
}
or
{
Coastal states aff. {Occurrence} has at least one of GIBRALTAR
and
State Reporting {Occurrence} doesn't have any of Gibraltar
and
Interested authorities {Occurrence} doesn't have any of UK Gibraltar - MAICO
}
}
```

4.7.4. *Automatic review A-04.16* →

Purpose: Review (Interested authorities) value. Substantially interested States that are EU members and that are not the (State Reporting) should be included in the (Interested authorities) list.

Condition: Always.

Procedure: {

{

Other int. States {Occurrence} equal to AUSTRIA
and
State Reporting {Occurrence} doesn't have any of Austria
and
Interest. authorities {Occurrence} doesn't have any of AT - ASIA

}

or

{

Other int. States {Occurrence} equal to BELGIUM
and
State Reporting {Occurrence} doesn't have any of Belgium
and
Interest. authorities {Occurrence} doesn't have any of BE - FPS_TM

}

or

{

Other int. States {Occurrence} equal to BULGARIA
and
State Reporting {Occurrence} doesn't have any of Bulgaria
and
Interest. authorities {Occurrence} doesn't have any of BG - BMAIB

}

or

{

Other int. States {Occurrence} equal to CROATIA
and
State Reporting {Occurrence} doesn't have any of Croatia
and
Interest. authorities {Occurrence} doesn't have any of HR - AIN

}

or

{

Other int. States {Occurrence} equal to CYPRUS
and
State Reporting {Occurrence} doesn't have any of Cyprus
and
Interest. authorities {Occurrence} doesn't have any of CY - MAIC

}

or

{

```
Other int. States {Occurrence} equal to CZECH REPUBLIC
and
State Reporting {Occurrence} doesn't have any of Czech Republic
and
Interest. authorities {Occurrence} doesn't have any of CZ - MT_ND
}
or
{
Other int. States {Occurrence} equal to DENMARK
and
State Reporting {Occurrence} doesn't have any of Denmark
and
Interest. authorities {Occurrence} doesn't have any of DK - DMAIB
}
or
{
Other int. States {Occurrence} equal to ESTONIA
and
State Reporting {Occurrence} doesn't have any of Estonia
and
Interest. authorities {Occurrence} doesn't have any of EE - ESIB
}
or
{
Other int. States {Occurrence} equal to FINLAND
and
State Reporting {Occurrence} doesn't have any of Finland
and
Interest. authorities {Occurrence} doesn't have any of FI - SIA
}
or
{
Other int. States {Occurrence} equal to FRANCE
and
State Reporting {Occurrence} doesn't have any of France
and
Interest. authorities {Occurrence} doesn't have any of FR - BEAmer
}
or
{
Other int. States {Occurrence} equal to GERMANY
and
State Reporting {Occurrence} doesn't have any of Germany
and
Interest. authorities {Occurrence} doesn't have any of DE - BSU
}
or
```

```
{
  Other int. States {Occurrence} equal to GREECE
  and
  State Reporting {Occurrence} doesn't have any of Greece
  and
  Interest. authorities {Occurrence} doesn't have any of GR - HBMCI
}
or
{
  Other int. States {Occurrence} equal to HUNGARY
  and
  State Reporting {Occurrence} doesn't have any of Hungary
  and
  Interest. authorities {Occurrence} doesn't have any of HU - TSBH
}
or
{
  Other int. States {Occurrence} equal to ICELAND
  and
  State Reporting {Occurrence} doesn't have any of Iceland
  and
  Interest. authorities {Occurrence} doesn't have any of IS - IMAIB
}
or
{
  Other int. States {Occurrence} equal to IRELAND
  and
  State Reporting {Occurrence} doesn't have any of Ireland
  and
  Interest. authorities {Occurrence} doesn't have any of IE - MCIB
}
or
{
  Other int. States {Occurrence} equal to ITALY
  and
  State Reporting {Occurrence} doesn't have any of Italy
  and
  Interest. authorities {Occurrence} doesn't have any of IT - MCICB
}
or
{
  Other int. States {Occurrence} equal to LATVIA
  and
  State Reporting {Occurrence} doesn't have any of Latvia
  and
  Interest. authorities {Occurrence} doesn't have any of LV - TAIIB
}
}
```

```
or
{
    Other int. States {Occurrence} equal to LITHUANIA
    and
    State Reporting {Occurrence} doesn't have any of Lithuania
    and
    Interest. authorities {Occurrence} doesn't have any of LT - TAITs
}
or
{
    Other int. States {Occurrence} equal to LUXEMBOURG
    and
    State Reporting {Occurrence} doesn't have any of Luxembourg
    and
    Interest. authorities {Occurrence} doesn't have any of LU - AET
}
or
{
    Other int. States {Occurrence} equal to MALTA
    and
    State Reporting {Occurrence} doesn't have any of Malta
    and
    Interest. authorities {Occurrence} doesn't have any of MT - MSIU
}
or
{
    Other int. States {Occurrence} equal to NETHERLANDS
    and
    State Reporting {Occurrence} doesn't have any of Netherlands
    and
    Interest. authorities {Occurrence} doesn't have any of NL - DSB
}
or
{
    Other int. States {Occurrence} equal to NORWAY
    and
    State Reporting {Occurrence} doesn't have any of Norway
    and
    Interest. authorities {Occurrence} doesn't have any of NO - AIBN
}
or
{
    Other int. States {Occurrence} equal to POLAND
    and
    State Reporting {Occurrence} doesn't have any of Poland
    and
    Interest. authorities {Occurrence} doesn't have any of PL - PKBWM
}
```

```
}  
or  
{  
    Other int. States {Occurrence} equal to PORTUGAL  
    and  
    State Reporting {Occurrence} doesn't have any of Portugal  
    and  
    Interest. authorities {Occurrence} doesn't have any of PT - GPIAM  
}  
or  
{  
    Other int. States {Occurrence} equal to ROMANIA  
    and  
    State Reporting {Occurrence} doesn't have any of Romania  
    and  
    Interest. authorities {Occurrence} doesn't have any of RO - MAID  
}  
or  
{  
    Other int. States {Occurrence} equal to SLOVAKIA  
    and  
    State Reporting {Occurrence} doesn't have any of Slovakia  
    and  
    Interest. authorities {Occurrence} doesn't have any of SK - MTCR  
}  
or  
{  
    Other int. States {Occurrence} equal to SLOVENIA  
    and  
    State Reporting {Occurrence} doesn't have any of Slovenia  
    and  
    Interest. authorities {Occurrence} doesn't have any of SI - MID  
}  
or  
{  
    Other int. States {Occurrence} equal to SPAIN  
    and  
    State Reporting {Occurrence} doesn't have any of Spain  
    and  
    Interest. authorities {Occurrence} doesn't have any of SP - CIAIM  
}  
or  
{  
    Other int. States {Occurrence} equal to SWEDEN  
    and  
    State Reporting {Occurrence} doesn't have any of Sweden  
    and
```



```

    Interest. authorities {Occurrence} doesn't have any of SE - SHK
  }
  or
  {
    Other int. States {Occurrence} equal to UNITED KINGDOM
    and
    State Reporting {Occurrence} doesn't have any of United Kingdom
    and
    Interest. authorities {Occurrence} doesn't have any of UK - MAIB
  }
  or
  {
    Other int. States {Occurrence} equal to GIBRALTAR
    and
    State Reporting {Occurrence} doesn't have any of Gibraltar
    and
    Interest. authorities {Occurrence} doesn't have any of UK Gibraltar -
    MAICO
  }
}

```

4.8. Date of notification

It is in the PCF list of mandatory fields.

4.8.1. Automatic review A-04.17 [Implemented in EMCIP] →

Purpose: Review (Date of notification) value. It should not be empty.

Condition: Always.

Procedure: {
 Date of notification {Occurrence} has no value
 }

4.9. Time of notification

It is in the PCF list of mandatory fields.

4.9.1. Automatic review A-04.18 [Implemented in EMCIP] →

Purpose: Review (Time of notification) value. It should not be empty.

Condition: Always.

Procedure: {
 Time of notification {Occurrence} has no value
 }

4.10. Notification entity

It is in the PCF list of mandatory fields.

4.10.1. Automatic review A-04.19 [Implemented in EMCIP] →

Purpose: Review (Notification entity) value. It should not be empty.

Condition: Always.

Procedure: {
 Notification entity {Occurrence} has no value
}

4.11. Other int. States

It is in the PCF list of mandatory fields.

4.11.1. Automatic review A-04.20 →

Purpose: Review (Other int. States) value. It should not be empty.

Condition: Always.

Procedure: {
 Other int. States {Occurrence} has no value
}

4.11.2. Automatic review A-04.21 →

Purpose: Review (Other int. States) value. [None/Register withdrawn] is not a valid value if there is at least one other substantially interested State.

Condition: Always.

Procedure: {
 Other int. States {Occurrence} has at least one of None/Register withdrawn
 and
 Other int. States {Occurrence} [Value Instance Identifier] greater than 1
}

4.11.3. Manual review M-04.03 →

Purpose: Review (Other int. States) value. (Flag State) values should not be included in (Other int. States) list.

Condition: Always.

Procedure: {
 Flag State {Occurrence} has value
}

4.11.4. Manual review M-04.04 →

Purpose: Review (Other int. States) value. (Coastal states aff.) values should not be included in (Other int. States) list.

Condition: Always.

Procedure: {
 Coastal states aff. {Occurrence} has value
}

4.11.5. Manual review M-04.05 →

Purpose: Review (Other int. States) value. Read (Description) and (Other int. States) to review (Other int. States) list.

Condition: Always.

Procedure: {
Description {in any Narratives} has value
}

4.12. SAR intervention

It is in the PCF list of mandatory fields.

4.12.1. Automatic review A-04.22 →

Purpose: Review (SAR intervention) value. It should not be empty.

Condition: Always.

Procedure: {
SAR intervention {Occurrence} has no value
}

5. General Casualty →

5.1. Description

It is in the PCF list of mandatory fields.

5.1.1. Automatic review A-05.01 →

Purpose: Review (Description) value. It should not be empty.

Condition: Always.

Procedure: {
Description {Occurrence/Narratives} [Plain Text] has no value
}

5.1.2. Manual review M-05.01 →

Purpose: Review (Description) value. It should be a brief description of the circumstances of the marine casualty or incident making reference to when, where, who, and how it has happened.

Condition: Always.

Procedure: {
Description {in any Narratives} has value
}

5.2. Occurrence severity

It is in the PCF list of mandatory fields.

5.2.1. Automatic review A-05.02 [Implemented in EMCIP] →

Purpose: Review (Occurrence severity) value. It should not be empty.

Condition: Always.

Procedure: {
Occurrence severity {Occurrence} has no value
}

5.2.2. *Automatic review A-05.03* →

Purpose: Review (Occurrence severity) value. It should be at least as severe as the most severe (Casualty severity) among all the ships.

Condition: Always.

Procedure: {
 {
 Casualty severity {in any Vessel} equal to Very serious
 and
 Occurrence severity {Occurrence} not equal to Very serious
 }
 or
 {
 Casualty severity {in any Vessel} not equal to Very serious
 and
 Casualty severity {in any Vessel} equal to Serious
 and
 Occurrence severity {Occurrence} doesn't have any of Very serious, Serious
 }
 or
 {
 Casualty severity {in any Vessel} doesn't have any of Very serious, Serious
 and
 Casualty severity {in any Vessel} equal to Less Serious
 and
 Occurrence severity {Occurrence} doesn't have any of Very serious, Serious, Less Serious
 }
}

5.2.3. *Automatic review A-05.04* →

Purpose: Review (Occurrence severity) value. It should be [Very serious] if there were death people.

Condition: Always.

Procedure: {
 Occurrence severity {Occurrence} not equal to Very serious
 and
 {
 Lives lost - Total {Occurrence} greater than 0
 or
 Lives lost - Crew - Total {Occurrence} greater than 0
 or
 Lives lost - Passenger - Total {Occurrence} greater than 0
 or
 Lives lost - Other - Total {Occurrence} greater than 0
 }
}

5.2.4. *Manual review M-05.02* →

Purpose: Review (Occurrence severity) value. It should be [Very serious] if there was severe pollution as evaluated by the coastal State.

Condition: Always.

Procedure: {
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and
 Occurrence severity {Occurrence} not equal to Very serious
 and
 {
 Pollution (cargo) {in any Vessel} equal to Yes
 or
 Pollution (bunkers) {in any Vessel} equal to Yes
 or
 Pollution quantity, cargo {in any Vessel} greater than 0.000 t
 or
 Pollution quantity, bunkers {in any Vessel} greater than 0.000 t
 or
 Air pollution {Occurrence} equal to Yes
 }
}

5.2.5. *Automatic review A-05.06* →

Purpose: Review (Occurrence severity) value. It should be at least [Serious] if the ship was unfit to proceed.

Condition: Always.

Procedure: {
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and
 Occurrence severity {Occurrence} doesn't have any of Very serious, Serious
 and
 Unfit to proceed {in any Consequences – Damage Ship} equal to Yes
}

5.2.6. *Automatic review A-05.07* →

Purpose: Review (Occurrence severity) value. It should be at least [Serious] if there was pollution.

Condition: Always.

Procedure: {
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and
 Occurrence severity {Occurrence} doesn't have any of Very serious, Serious
 and

```
{  
  Pollution (cargo) {in any Vessel} equal to Yes  
  or  
  Pollution (bunkers) {in any Vessel} equal to Yes  
  or  
  Pollution quantity, cargo {in any Vessel} greater than 0.000 t  
  or  
  Pollution quantity, bunkers {in any Vessel} greater than 0.000 t  
  or  
  Air pollution {Occurrence} equal to Yes  
}
```

5.2.7. *Automatic review A-05.08* →

Purpose: Review (Occurrence severity) value. It should be at least [Serious] if towage or shore assistance was needed and there were damages to the ship.

Condition: Always.

Procedure: {
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and
 Occurrence severity {Occurrence} doesn't have any of Very serious, Serious
 and
 [
 Towage/shore assist. {in any Vessel} equal to Yes
 and
 Damage to the ship {in any Vessel} equal to Yes
]
}

5.2.8. *Manual review RM-05.01* →

Purpose: It is recommended to review (Occurrence severity) value. It is recommended to be at least [Serious] for serious occupational accidents, with injury to a person causing incapacitation for more than 72 hours commencing within 7 days from the date of injury.

This is only a recommended check because the definition of serious occupational accident is not an approved definition; it is not in the normative but in the document with definitions for notification.

Condition: Always.

Procedure: {
 Nature occurrence {Occurrence} equal to Occupational accident
 and
 Occurrence severity {Occurrence} doesn't have any of Very serious, Serious
 and
 {
 People injured - Total {Occurrence} greater than 0
 or

```

    People injured - Crew - Total {Occurrence} greater than 0
    or
    People injured - Passenger - Total {Occurrence} greater than 0
    or
    People injured - Other - Total {Occurrence} greater than 0
  }
}
```

5.2.9. *Automatic review A-05.09* →

Purpose: Review (Occurrence severity) value. It should be at least [Less Serious] if there were people injured or damage to the ship or third party damages in a casualty with a ship.

Condition: Always.

Procedure: {

```

    Nature occurrence {Occurrence} equal to Casualty with a ship
    and
    Occurrence severity {Occurrence} doesn't have any of Very serious, Serious, Less
    Serious
    and
    {
      {
        People injured - Total {Occurrence} greater than 0
        or
        People injured - Crew - Total {Occurrence} greater than 0
        or
        People injured - Passenger - Total {Occurrence} greater than 0
        or
        People injured - Other - Total {Occurrence} greater than 0
      }
      or
      Damage to the ship {in any Vessel} equal to Yes
      or
      Other damage {Occurrence} equal to Yes
    }
  }
```

5.2.10. *Automatic review A-05.10* →

Purpose: Review (Occurrence severity) value. It should be at least [Less serious] if there were people injured in an occupational accident.

Condition: Always.

Procedure: {

```

    Nature occurrence {Occurrence} equal to Occupational accident
    and
    Occurrence severity {Occurrence} doesn't have any of Very serious, Serious, Less
    Serious
    and
    {
      People injured - Total {Occurrence} greater than 0
    }
  }
```

```
    or
    People injured - Crew - Total {Occurrence} greater than 0
    or
    People injured - Passenger - Total {Occurrence} greater than 0
    or
    People injured - Other - Total {Occurrence} greater than 0
  }
}
```

5.3. Casualty Event (only for casualties with a ship)

It is in the PCF list of mandatory fields.

5.3.1. Automatic review A-05.11 [Implemented in EMCIP] →

Purpose: Review (Casualty Event) value. It should not be empty for a casualty with a ship.

Condition: Always.

Procedure: {
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and
 Casualty Event {in any Event} has no value
}

5.3.2. Manual review M-05.03 →

Purpose: Review (Casualty Event) value. Read (Description) and (Title) values to review (Casualty Event) value.

Condition: Always.

Procedure: {
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and
 Casualty Event {in any Event} has value
}

5.4. Accident type (only for occupational accidents)

It is in the PCF list of mandatory fields.

5.4.1. Automatic review A-05.12 [Implemented in EMCIP] →

Purpose: Review (Accident type) value. It should not be empty for an occupational accident.

Condition: Always.

Procedure: {
 [
 Nature occurrence {Occurrence} equal to Occupational accident
 and
 Accident type {Occurrence/Event} has no value
]
}

5.4.2. *Manual review M-05.04 →*

Purpose: Review (Accident type) value. Read (Description) and (Title) values to review (Accident type) value.

Condition: Always.

Procedure: {
 Accident type {in any Event} has value
 and
 Nature occurrence {in any Event} equal to Occupational accident
}

5.5. *Deviation (only for occupational accidents)*

It is not in the PCF list of mandatory fields. Nevertheless it should be reviewed in all case because it is very important for occupational accident querying.

5.5.1. *Automatic review A-05.13 [Implemented in EMCIP] →*

Purpose: Review (Deviation) value. It should not be empty for an occupational accident.

Condition: If AUX-01 is True
 If AUX-02 is True
 A-05.13
 Else
 If Directive 2009/18 equal to Yes
 A-05.13

Procedure: {
 Nature occurrence {Occurrence} equal to Occupational accident
 and
 Deviation {in any Event} has no value
}

5.5.2. *Manual review M-05.05 →*

Purpose: Review (Deviation) value. Read (Description) and (Title) values to review (Deviation) value.

Condition: If AUX-01 is True
 If AUX-02 is True
 M-05.05
 Else
 If Directive 2009/18 equal to Yes
 M-05.05

Procedure: {
 Nature occurrence {Occurrence} equal to Occupational accident
 and
 Deviation {in any Event} has value
}

5.5.3. *Automatic review A-05.13.1 (DEVIATION) →*

Purpose: Review (Deviation) value. More details (Level 2) should be specified.
Condition: Always.
Procedure: {
 Deviation {in any Event} has value
 and
 Deviation {in any Event} [Level 1] doesn't have any of No information, Other
 and
 Deviation {in any Event} [Level 2] has no value
}

5.6. Date of casualty

It is in the PCF list of mandatory fields.

5.6.1. *Automatic review A-05.14 [Implemented in EMCIP] →*

Purpose: Review (Date casualty) value. It should not be empty.
Condition: Always.
Procedure: {
 Date of casualty {Occurrence} has no value
}

5.7. Time of casualty

It is in the PCF list of mandatory fields.

5.7.1. *Automatic review A-05.15 [Implemented in EMCIP] →*

Purpose: Review (Time of casualty) value. It should not be empty.
Condition: Always.
Procedure: {
 Time of casualty {Occurrence} has no value
}

5.8. Location of the occurrence

It is in the PCF list of mandatory fields.

5.8.1. *Automatic review A-05.16 [Implemented in EMCIP] →*

Purpose: Review (Location of the occurrence) value. It should not be empty.
Condition: Always.
Procedure: {
 Occurrence location {Occurrence} has no value
}

5.8.2. *Automatic review A-05.17 →*

Purpose: Review (Location of the occurrence) value. It should be a Level 2 value when Level 1 is [Internal waters], [Open sea] or [Inland waters].

Condition: If AUX-01 is True
If AUX-02 is True
A-05.17
Else
If Directive 2009/18 equal to Yes
A-05.17

Procedure: {
Occurrence location {Occurrence} [Level 1] has at least one of Internal waters,
Open sea, Inland waters
and
Occurrence location {Occurrence} [Level 2] has no value
}

5.8.3. Automatic review A-05.18 →

Purpose: Review (Location of the occurrence) value. It should be [Internal waters | Port area], [Repair yard] or [Inland waters] or [Coastal waters <=12 Nm] if there is (Port of accident).

Condition: If AUX-01 is True
If AUX-02 is True
A-05.18
Else
If Directive 2009/18 equal to Yes
A-05.18

Procedure: {
Port of accident {Occurrence} has value
and
Port of accident {Occurrence} doesn't have any of None, Unknown
and
Occurrence location {Occurrence} [Level 1] doesn't have any of Repair yard,
Inland waters, Internal waters
and
Occurrence location {Occurrence} not equal to Coastal waters <= 12 nm
}

5.9. National location

It is not in the PCF list of mandatory fields.

5.9.1. Automatic review A-05.19 - NATIONAL LOCATION →

Purpose: Review (National location) value. If (Coastal State aff.) contains a value, and it corresponds to an EU country, the (National location) should not be empty and should be consistent.

Condition: If AUX-01 is True
If AUX-02 is True
A-05.19

Else

If Directive 2009/18 equal to Yes

A-05.19

Procedure: {
 Coastal states aff. {Occurrence} has value
 and
 National location {Occurrence} has value
}

5.9.1.1. Automatic review A-05.19.1 – NATIONAL LOCATION LEVEL →

Purpose: Review (National location) value. A location name is required.

Condition: If A-05.19 is True

A-05.19.1

Procedure: {
 {
 {
 State Reporting {Occurrence} equal to Cyprus
 and
 Coastal states aff. {Occurrence} equal to CYPRUS
 }
 or
 {
 State Reporting {Occurrence} equal to Denmark
 and
 Coastal states aff. {Occurrence} equal to DENMARK
 }
 or
 {
 State Reporting {Occurrence} equal to Finland
 and
 Coastal states aff. {Occurrence} equal to FINLAND
 }
 or
 {
 State Reporting {Occurrence} equal to France
 and
 Coastal states aff. {Occurrence} equal to FRANCE
 }
 or
 {
 State Reporting {Occurrence} equal to Germany
 and
 Coastal states aff. {Occurrence} equal to GERMANY
 }
 or
 {
 State Reporting {Occurrence} equal to Greece

and
Coastal states aff. {Occurrence} equal to GREECE
}
or
{
State Reporting {Occurrence} equal to Hungary
and
Coastal states aff. {Occurrence} equal to HUNGARY
}
or
{
State Reporting {Occurrence} equal to Italy
and
Coastal states aff. {Occurrence} equal to ITALY
}
or
{
State Reporting {Occurrence} equal to Netherlands
and
Coastal states aff. {Occurrence} equal to NETHERLANDS
}
or
{
State Reporting {Occurrence} equal to Norway
and
Coastal states aff. {Occurrence} equal to NORWAY
}
or
{
State Reporting {Occurrence} equal to Portugal
and
Coastal states aff. {Occurrence} equal to PORTUGAL
}
or
{
State Reporting {Occurrence} equal to Romania
and
Coastal states aff. {Occurrence} equal to ROMANIA
}
or
{
State Reporting {Occurrence} equal to Spain
and
Coastal states aff. {Occurrence} equal to SPAIN
}
or
{

```
        State Reporting {Occurrence} equal to Sweden
        and
        Coastal states aff. {Occurrence} equal to SWEDEN
    }
    or
    {
        State Reporting {Occurrence} equal to United Kingdom
        and
        Coastal states aff. {Occurrence} equal to UNITED KINGDOM
    }
}
and
National location {Occurrence} [Level 2] has no value
}
```

5.9.1.2. Automatic review A-05.19.3 – NATIONAL LOCATION (COASTAL STATE) →

Purpose: Review (National location) value. The value should be consistent to the (Coastal State aff.).

Condition: If A-05.19 is True
A-05.19.3

Procedure: {

```
    {
        National location {Occurrence} [Level 1] not equal to Austria
        and
        Coastal states aff. {Occurrence} equal to AUSTRIA
        and
        State Reporting {Occurrence} equal to Austria
    }
    or
    {
        National location {Occurrence} [Level 1] not equal to Belgium
        and
        Coastal states aff. {Occurrence} equal to BELGIUM
        and
        State Reporting {Occurrence} equal to Belgium
    }
    or
    {
        National location {Occurrence} [Level 1] not equal to Bulgaria
        and
        Coastal states aff. {Occurrence} equal to BULGARIA
        and
        State Reporting {Occurrence} equal to Bulgaria
    }
    or
    {
```

```
{  
    National location {Occurrence} [Level 1] not equal to Cyprus  
    and  
    Coastal states aff. {Occurrence} equal to CYPRUS  
    and  
    State Reporting {Occurrence} equal to Cyprus  
}  
or  
{  
    National location {Occurrence} [Level 1] not equal to Croatia  
    and  
    Coastal states aff. {Occurrence} equal to CROATIA  
    and  
    State Reporting {Occurrence} equal to Croatia  
}  
or  
{  
    National location {Occurrence} [Level 1] not equal to Czech Republic  
    and  
    Coastal states aff. {Occurrence} equal to CZECH REPUBLIC  
    and  
    State Reporting {Occurrence} equal to Czech Republic  
}  
or  
{  
    National location {Occurrence} [Level 1] not equal to Denmark  
    and  
    Coastal states aff. {Occurrence} equal to DENMARK  
    and  
    State Reporting {Occurrence} equal to Denmark  
}  
or  
{  
    National location {Occurrence} [Level 1] not equal to Estonia  
    and  
    Coastal states aff. {Occurrence} equal to ESTONIA  
    and  
    State Reporting {Occurrence} equal to Estonia  
}  
or  
{  
    National location {Occurrence} [Level 1] not equal to Finland  
    and  
    Coastal states aff. {Occurrence} equal to FINLAND  
    and  
    State Reporting {Occurrence} equal to Finland  
}
```

or
{
 National location {Occurrence} [Level 1] not equal to France
 and
 Coastal states aff. {Occurrence} equal to FRANCE
 and
 State Reporting {Occurrence} equal to France
}
or
{
 National location {Occurrence} [Level 1] not equal to Germany
 and
 Coastal states aff. {Occurrence} equal to GERMANY
 and
 State Reporting {Occurrence} equal to Germany
}
or
{
 National location {Occurrence} [Level 1] not equal to Gibraltar
 and
 Coastal states aff. {Occurrence} equal to GIBALTAR
 and
 State Reporting {Occurrence} equal to Gibraltar
}
or
{
 National location {Occurrence} [Level 1] not equal to Greece
 and
 Coastal states aff. {Occurrence} equal to GREECE
 and
 State Reporting {Occurrence} equal to Greece
}
or
{
 National location {Occurrence} [Level 1] not equal to Hungary
 and
 Coastal states aff. {Occurrence} equal to HUNGARY
 and
 State Reporting {Occurrence} equal to Hungary
}
or
{
 National location {Occurrence} [Level 1] not equal to Iceland
 and
 Coastal states aff. {Occurrence} equal to ICELAND
 and
 State Reporting {Occurrence} equal to Iceland
}


```
}  
or  
{  
    National location {Occurrence} [Level 1] not equal to Ireland  
    and  
    Coastal states aff. {Occurrence} equal to IRELAND  
    and  
    State Reporting {Occurrence} equal to Ireland  
}  
or  
{  
    National location {Occurrence} [Level 1] not equal to Italy  
    and  
    Coastal states aff. {Occurrence} equal to ITALY  
    and  
    State Reporting {Occurrence} equal to Italy  
}  
or  
{  
    National location {Occurrence} [Level 1] not equal to Latvia  
    and  
    Coastal states aff. {Occurrence} equal to LATVIA  
    and  
    State Reporting {Occurrence} equal to Latvia  
}  
or  
{  
    National location {Occurrence} [Level 1] not equal to Lithuania  
    and  
    Coastal states aff. {Occurrence} equal to LITHUANIA  
    and  
    State Reporting {Occurrence} equal to Lithuania  
}  
or  
{  
    National location {Occurrence} [Level 1] not equal to Malta  
    and  
    Coastal states aff. {Occurrence} equal to MALTA  
    and  
    State Reporting {Occurrence} equal to Malta  
}  
or  
{  
    National location {Occurrence} [Level 1] not equal to Netherlands  
    and  
    Coastal states aff. {Occurrence} equal to NETHERLANDS  
    and
```

State Reporting {Occurrence} equal to Netherlands
}
or
{
National location {Occurrence} [Level 1] not equal to Norway
and
Coastal states aff. {Occurrence} equal to NORWAY
and
State Reporting {Occurrence} equal to Norway
}
or
{
National location {Occurrence} [Level 1] not equal to Luxembourg
and
Coastal states aff. {Occurrence} equal to LUXEMBOURG
and
State Reporting {Occurrence} equal to Luxembourg
}
or
{
National location {Occurrence} [Level 1] not equal to Poland
and
Coastal states aff. {Occurrence} equal to POLAND
and
State Reporting {Occurrence} equal to Poland
}
or
{
National location {Occurrence} [Level 1] not equal to Portugal
and
Coastal states aff. {Occurrence} equal to PORTUGAL
and
State Reporting {Occurrence} equal to Portugal
}
or
{
National location {Occurrence} [Level 1] not equal to Romania
and
Coastal states aff. {Occurrence} equal to ROMANIA
and
State Reporting {Occurrence} equal to Romania
}
or
{
National location {Occurrence} [Level 1] not equal to Slovakia
and
Coastal states aff. {Occurrence} equal to SLOVAKIA

```

        and
        State Reporting {Occurrence} equal to Slovakia
    }
    or
    {
        National location {Occurrence} [Level 1] not equal to Slovenia
        and
        Coastal states aff. {Occurrence} equal to SLOVENIA
        and
        State Reporting {Occurrence} equal to Slovenia
    }
    or
    {
        National location {Occurrence} [Level 1] not equal to Spain
        and
        Coastal states aff. {Occurrence} equal to SPAIN
        and
        State Reporting {Occurrence} equal to Spain
    }
    or
    {
        National location {Occurrence} [Level 1] not equal to Sweden
        and
        Coastal states aff. {Occurrence} equal to SWEDEN
        and
        State Reporting {Occurrence} equal to Sweden
    }
    or
    {
        National location {Occurrence} [Level 1] not equal to United Kingdom
        and
        Coastal states aff. {Occurrence} equal to UNITED KINGDOM
        and
        State Reporting {Occurrence} equal to United Kingdom
    }
    }}

```

5.10. Latitude

It is in the PCF list of mandatory fields. It is mandatory excepting for occupational accidents with (Occurrence severity) equal to [Less Serious] or [Marine Incident].

5.10.1. Automatic review A-05.20 →

Purpose: Review (Latitude) value. It should not be empty if (Longitude) value is not empty.

Condition: If AUX-01 is True

If AUX-02 is True

A-05.20

Else

If Directive 2009/18 equal to Yes
A-05.20

Procedure: {
 Latitude {Occurrence} has no value
 and
 Longitude {Occurrence} has value
}

5.10.2. Automatic review A-05.21 [Implemented in EMCIP] →

Purpose: Review (Latitude) value. It can be empty only for occupational accidents with (Occurrence severity) equal to [Less Serious] or [Marine Incident].

Condition: If AUX-01 is True
 If AUX-02 is True
 A-05.21

Else

 If Directive 2009/18 equal to Yes
 A-05.21

Procedure: {
 Latitude {Occurrence} has no value
 and
 {
 Nature occurrence {Occurrence} equal to Casualty with a ship
 or
 {
 Nature occurrence {Occurrence} equal to Occupational accident
 and
 Occurrence severity {Occurrence} doesn't have any of Less Serious, Marine incident
 }
 }
}

5.11. Longitude

It is in the PCF list of mandatory fields. It is mandatory excepting for occupational accidents with (Occurrence severity) equal to [Less Serious] or [Marine Incident].

5.11.1. Automatic review A-05.22 →

Purpose: Review (Longitude) value. It should not be empty if (Latitude) value is not empty.

Condition: If AUX-01 is True
 If AUX-02 is True
 A-05.22

Else

 If Directive 2009/18 equal to Yes
 A-05.22

Procedure: {

Longitude {Occurrence} has no value
and
Latitude {Occurrence} has value
}

5.11.2. Automatic review A-05.23 [Implemented in EMCIP] →

Purpose: Review (Longitude) value. It can be empty only for occupational accidents with (Occurrence severity) equal to [Less Serious] or [Marine Incident].

Condition: If AUX-01 is True
If AUX-02 is True
A-05.23
Else
If Directive 2009/18 equal to Yes
A-05.23

Procedure: {
Longitude {Occurrence} has no value
and
{
Nature occurrence {Occurrence} equal to Casualty with a ship
or
{
Nature occurrence {Occurrence} equal to Occupational accident
and
Occurrence severity {Occurrence} doesn't have any of Less Serious, Marine incident
}
}
}
}

5.11.3. Automatic review M-05.06 →

Purpose: Review (Latitude) and (Longitude) values. Check position in the map, it should not be in land and be in agreement with (Description), (Title), (Location occurrence), (Port of accident) and (National location) values.

Condition: If AUX-01 is True
If AUX-02 is True
M-05.06
Else
If Directive 2009/18 equal to Yes
M-05.06

Procedure: {
Latitude {Occurrence} has value
and
Longitude {Occurrence} has value
}

5.12. Reasons for not undertaking a safety investigation

It is a mandatory field for serious cases that will not be investigated.

5.12.1. Automatic review A-05.24 →

Purpose: Review (Reasons for not undertaking a safety investigation) value. It should not be empty if (Occurrence severity) is equal to [Serious] and (Occurrence Type) is equal to [Notification].

Condition: If AUX-01 is True
If AUX-02 is True
A-05.24
Else
If Directive 2009/18 equal to Yes
A-05.24

Procedure: {
Reasons not investig. {Occurrence} has no value
and
Occurrence severity {Occurrence} equal to Serious
and
Occurrence Type {Occurrence} equal to Notification
}

5.12.2. Automatic review A-05.25 →

Purpose: Review (Reasons for not undertaking a safety investigation) value. It should be empty excepting if (Occurrence severity) is equal to [Serious] and (Occurrence Type) is equal to [Notification].

Condition: If AUX-01 is True
If AUX-02 is True
A-05.25
Else
If Directive 2009/18 equal to Yes
A-05.25

Procedure: {
Reasons not investig. {Occurrence} has value
and
{
Occurrence severity {Occurrence} not equal to Serious
or
{
Occurrence severity {Occurrence} equal to Serious
and
Occurrence Type {Occurrence} not equal to [Notification]
}
}
}
}

5.12.3. *Manual review RM-05.02* →

Purpose: It is recommended to review (Reasons for not undertaking a safety investigation) value and check that complies with requirements in Article 5 of Directive 2009/18/EC.

Condition: Always.

Procedure: {
 Reasons not investig. {Occurrence} has value
 and
 Occurrence severity {Occurrence} equal to Serious
 and
 Occurrence Type {Occurrence} equal to Notification
}

5.13. Port of accident

It is not in the PCF list of mandatory fields, but it is a recommended field.

5.13.1. *Automatic review A-05.26* →

Purpose: Review (Port of accident) value. A port name is required if there is a country name.

Condition: If AUX-01 is True
 If AUX-02 is True
 A-05.26
Else
 If Directive 2009/18 equal to Yes
 A-05.26

Procedure: {
 Port of accident {Occurrence} [Level 1] has value
 and
 Port of accident {Occurrence} [Level 1] doesn't have any of None, Unknown
 and
 Port of accident {Occurrence} [Level 2] has no value
}

5.13.2. *Automatic review A-05.27* →

Purpose: Review (Port of accident) value. It should be empty if (Location of accident) is equal to [Open sea].

Condition: If AUX-01 is True
 If AUX-02 is True
 A-05.27
Else
 If Directive 2009/18 equal to Yes
 A-05.27

Procedure: {
 Port of accident {Occurrence} has value
 and
 Port of accident {Occurrence} [Level 1] doesn't have any of None, Unknown
 and

Occurrence location {Occurrence} [Level 1] equal to Open sea, Coastal waters
=<12 nm
}

5.13.3. Automatic review RA-05.01 →

Purpose: It is recommended to review (Port of accident) value. It is recommended to include a (Port of accident) value if (Location of accident) is equal to [Internal waters | Port area].

Condition: If AUX-01 is True

If AUX-02 is True

RA-05.01

Else

If Directive 2009/18 equal to Yes

RA-05.01

Procedure: {

Port of accident {Occurrence} has no value

and

{

Occurrence location {Occurrence} [Level 1] equal to Internal waters

and

Occurrence location {Occurrence} [Level 2] equal to Internal waters - Port area

}

}

5.13.4. Automatic review RA-05.02 →

Purpose: It is recommended to review (Port of accident) value. It is recommended to include a (Port of accident) value if (Location of accident) is equal to [Repair yard].

Condition: If AUX-01 is True

If AUX-02 is True

RA-05.02

Else

If Directive 2009/18 equal to Yes

RA-05.02

Procedure: {

Port of accident {Occurrence} has no value

and

Occurrence location {Occurrence} [Level 1] equal to Repair yard

}

5.13.5. Manual review M-05.07 →

Purpose: Review (Occurrence severity) value. It should be [Very serious] if one ship sunk.

Condition: Always


```

Procedure: {
    Nature occurrence {Occurrence} equal to Casualty with a ship
    and
    Occurrence severity {Occurrence} not equal to Very serious
    and
    [
        Did the ship sink? {Occurrence/Vessel} has at least one of Yes, Unknown
        and
        [
            Name of ship {Occurrence/Vessel} has value
            or
            Name of ship {Occurrence/Vessel} has no value
        ]
    ]
}

```

6. External Environment →

6.1. Sea state

It is not in the PCF list of mandatory fields, but it is a recommended field.

6.1.1. *Automatic review RA-06.01* →

Purpose: It is recommended to review (Sea state) value. It is recommended not to be empty.

Condition: If AUX-01 is True
 If AUX-02 is True
 RA-06.01
 Else
 If Directive 2009/18 equal to Yes
 RA-06.01

```

Procedure: {
    Sea state {Occurrence} has no value
}

```

6.2. Wind force

It is not in the PCF list of mandatory fields, but it is a recommended field.

6.2.1. *Automatic review RA-06.02* →

Purpose: It is recommended to review (Wind force) value. It is recommended not to be empty.

Condition: If AUX-01 is True
 If AUX-02 is True
 RA-06.02
 Else
 If Directive 2009/18 equal to Yes
 RA-06.02

Procedure: {
 Wind force {Occurrence} has no value
}

6.3. Weather conditions

It is not in the PCF list of mandatory fields, but it is a recommended field.

6.3.1. Automatic review RA-06.03 →

Purpose: It is recommended to review (Weather conditions) value. It is recommended not to be empty.

Condition: If AUX-01 is True
 If AUX-02 is True
 RA-06.03
 Else
 If Directive 2009/18 equal to Yes
 RA-06.03

Procedure: {
 Weather conditions {Occurrence} has no value
}

6.4. Natural light

It is not in the PCF list of mandatory fields, but it is a recommended field.

6.4.1. Automatic review RA-06.04 →

Purpose: It is recommended to review (Natural light) value. It is recommended not to be empty.

Condition: If AUX-01 is True
 If AUX-02 is True
 RA-06.04
 Else
 If Directive 2009/18 equal to Yes
 RA-06.04

Procedure: {
 Natural light {Occurrence} has no value
}

6.5. Visibility

It is not in the PCF list of mandatory fields, but it is a recommended field.

6.5.1. Automatic review RA-06.05 →

Purpose: It is recommended to review (Visibility) value. It is recommended not to be empty.

Condition: If AUX-01 is True
 If AUX-02 is True
 RA-06.05
 Else
 If Directive 2009/18 equal to Yes

RA-06.05

Procedure: {
 Visibility {Occurrence} has no value
}

7. Vessel →

Some conditions in this section can be true for more than one vessel, but the system will show the text of each satisfied condition only for the first ship complying with it. The name of the ship will be included as [Attribute value] to let the user know which ship has to be reviewed. To do that the following query will be added to the conditions not including the name of the ship.

[
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]

If there are many ships complying with one condition their names will be shown in different reviews.

7.1. **Nr. ships involved**

It is not in the PCF list of mandatory fields.

7.1.1. *Automatic review A-07.01 [Implemented in EMCIP] →*

Purpose: Review (Nr. ships involved) value. It should not be empty.

Condition: Always.

Procedure: {
 Nr. ships involved {Occurrence} has no value
}

7.1.2. *Automatic review A-07.02 [Implemented in EMCIP] →*

Purpose: Review (Nr. ships involved) value. It should be greater than 1 if (Casualty event) is equal to [Collision].

Condition: Always.

Procedure: {
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and
 Casualty Event {in any Event} [Level 1] equal to Collision
 and
 Nr. ships involved {Occurrence} less than 2
}

7.1.3. *Automatic review A-07.03 →*

Purpose: Review (Nr. ships involved) value. It should be in agreement with the number of ships introduced in EMCIP.

Condition: If AUX-01 is True

Procedure: {

```
[
  Nr. ships involved {Occurrence} equal to 1
  and
  Name of ship {Occurrence/Vessel} [Instance Identifier] greater than 1
]
or
[
  Nr. ships involved {Occurrence} equal to 2
  and
  Name of ship {Occurrence/Vessel} [Instance Identifier] greater than 2
]
or
[
  Nr. ships involved {Occurrence} equal to 3
  and
  Name of ship {Occurrence/Vessel} [Instance Identifier] greater than 3
]
or
[
  Nr. ships involved {Occurrence} equal to 4
  and
  Name of ship {Occurrence/Vessel} [Instance Identifier] greater than 4
]
or
[
  Nr. ships involved {Occurrence} equal to 5
  and
  Name of ship {Occurrence/Vessel} [Instance Identifier] greater than 5
]
or
[
  Nr. ships involved {Occurrence} equal to 6
  and
  Name of ship {Occurrence/Vessel} [Instance Identifier] greater than 6
]
or
[
  Nr. ships involved {Occurrence} equal to 7
  and
  Name of ship {Occurrence/Vessel} [Instance Identifier] greater than 7
]
or
[
  Nr. ships involved {Occurrence} equal to 8
  and
  Name of ship {Occurrence/Vessel} [Instance Identifier] greater than 8
]
```

```
or
[
  Nr. ships involved {Occurrence} equal to 9
  and
  Name of ship {Occurrence/Vessel} [Instance Identifier] greater than 9
]
or
[
  Nr. ships involved {Occurrence} equal to 10
  and
  Name of ship {Occurrence/Vessel} [Instance Identifier] greater than 10
]
}
```

7.2. Ship identification

7.2.1. Automatic review A-07.04 →

Purpose: Review (Name of ship), (Registry nr.), (IMO number) and (Call sign) values. A ship should be defined at least with 2 of those values.

Condition: Always.

Procedure: {

```
[
  Name of ship {Occurrence/Vessel} has no value
  and
  IMO number {Occurrence/Vessel} has no value
  and
  Call sign {Occurrence/Vessel} has no value
  and
  Registry nr. {Occurrence/Vessel} has no value
]
Or
[
  Name of ship {Occurrence/Vessel} has value
  and
  IMO number {Occurrence/Vessel} has no value
  and
  Call sign {Occurrence/Vessel} has no value
  and
  Registry nr. {Occurrence/Vessel} has no value
]
Or
[
  Name of ship {Occurrence/Vessel} has no value
  and
  IMO number {Occurrence/Vessel} has value
  and
  Call sign {Occurrence/Vessel} has no value
]
```

```

    and
    Registry nr. {Occurrence/Vessel} has no value
  ]
  Or
  [
    Name of ship {Occurrence/Vessel} has no value
    and
    IMO number {Occurrence/Vessel} has no value
    and
    Call sign {Occurrence/Vessel} has value
    and
    Registry nr. {Occurrence/Vessel} has no value

  ]
  Or
  [
    Name of ship {Occurrence/Vessel} has no value
    and
    IMO number {Occurrence/Vessel} has no value
    and
    Call sign {Occurrence/Vessel} has no value
    and
    Registry nr. {Occurrence/Vessel} has value
  ]
}

```

7.3. Name of ship

It is in the PCF list of mandatory fields.

7.3.1. Automatic review A-07.05 [Implemented in EMCIP] →

Purpose: Review (Name of ship) value. It should not be empty.

Condition: Always.

Procedure: {

```

  [
    Name of ship {Occurrence/Vessel} has no value
  ]
}
```

7.3.2. Manual review M-07.01 →

Purpose: Review (Name of ship) value. Compare (Name of ship) with the value in a reliable database of vessel's characteristics. Vessel:

Condition: Always.

Procedure: {

```

  [
    Name of ship {Occurrence/Vessel} has value
    and
    IMO number {Occurrence/Vessel} has value
  ]
}
```

```
    ]
  }
```

7.4. Flag State

It is in the PCF list of mandatory fields.

7.4.1. Automatic review A-07.06 [Implemented in EMCIP] →

Purpose: Review (Flag State) value. It should not be empty. Vessel:

Condition: Always.

Procedure: {

```
    [
      Flag State { Occurrence/ Vessel } has no value
      and
      [
        Name of ship {Occurrence/ Vessel} has value
        or
        Name of ship {Occurrence/ Vessel} has no value
      ]
    ]
  }
```

7.4.2. Manual review M-07.02 →

Purpose: Review (Flag State) value. Compare (Flag State) with the value in a reliable database of vessel's characteristics. Vessel:

Condition: Always.

Procedure: {

```
    [
      IMO number {Occurrence/Vessel} has value
      and
      Flag State { Occurrence/Vessel} has value
      and
      [
        Name of ship {Occurrence/ Vessel} has no value
        or
        Name of ship {Occurrence/ Vessel} has value
      ]
    ]
  }
```

7.5. Registry nr.

It is not in the PCF list of mandatory fields. Reviewed in A-07.04.

7.6. IMO number

It is in the PCF list of mandatory fields and it is mandatory if the ship has IMO number. Also reviewed in A-07.04.

7.6.1. Manual review M-07.03 →

Purpose: Review (IMO number) value. Review if (IMO number) is required for this ship.

Condition: Always.

Procedure: {
 [
 IMO number {Occurrence/Vessel} has no value
 and
 Ship / craft type {Occurrence/Vessel} [Level 1] doesn't have any of Fishing vessel, recreational craft, Navy ship, WIG, submersible
 and
 Ship / craft type {Occurrence/Vessel} [Level 2] doesn't have any of Service ship – Floating platform, Service ship – SAR craft, Service ship – Special purpose ship, Inland waterway vessel – Barge, Inland waterway vessel – Floating equipmen
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
}

7.7. Gross tonnage

It is not in the PCF list of mandatory fields.

7.7.1. Automatic review RA-07.01 [Implemented in EMCIP] →

Purpose: It is recommended to review (Gross tonnage) value. It is recommended not to be empty. Vessel:

Condition: If AUX-01 is True
 If AUX-02 is True
 RA-07.01
Else
 If Directive 2009/18 equal to Yes
 RA-07.01

Procedure: {
 [
 Gross tonnage {Occurrence/ Vessel} has no value
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
}

7.7.2. *Manual review M-07.04* →

Purpose: Review (Gross tonnage) value. Compare (Gross tonnage) with the value in a reliable database of vessel's characteristics. Vessel:

Condition: Always.

Procedure: {
 [
 Gross tonnage {Occurrence/ Vessel} has value
 and
 IMO number {Occurrence/Vessel} has value
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
}

7.8. **Call sign**

It is not in the PCF list of mandatory fields.

7.8.1. *Automatic review RA-07.02* →

Purpose: It is recommended to review (Call sign) value. It is recommended to include a (Call sign) value if (IMO number) value is empty. Vessel:

Condition: If AUX-01 is True
 If AUX-02 is True
 RA-07.02
Else
 If Directive 2009/18 equal to Yes
 RA-07.02

Procedure: {
 [
 Call sign {Occurrence/Vessel} has no value
 and
 IMO number {Occurrence/Vessel} has no value
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
}

7.8.2. *Manual review M-07.05* →

Purpose: Review (Call sign) value. Compare (Call sign) with the value in a reliable database of vessel's characteristics. Vessel:

Condition: Always.

Procedure: {
 [
 IMO number {Occurrence/Vessel} has value
 and
 Call sign {Occurrence/Vessel} has value
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
}

7.9. Ship / craft type

It is in the PCF list of mandatory fields.

7.9.1. *Automatic review A-07.07* →

Purpose: Review (Ship / craft type) value. It should not be empty. Vessel:

Condition: Always.

Procedure: {
 [
 Ship / craft type {Occurrence/ Vessel} has no value
 and
 [
 Name of ship {Occurrence/ Vessel} has value
 or
 Name of ship {Occurrence/ Vessel} has NO value
]
]
}

7.9.2. *Automatic review RA-07.03* →

Purpose: It is recommended to review (Ship / craft type) value. It is recommended to include a level 2 value if available. Vessel:

Condition: If AUX-01 is True

 If AUX-02 is True

 RA-07.03

 Else

 If Directive 2009/18 equal to Yes

 RA-07.03

```

Procedure: {
    [
        Ship / craft type {Occurrence/Vessel} [Level 2] has no value
        and
        Ship / craft type {Occurrence/Vessel} [Level 1] doesn't have any of Navy ship,
        Submersible, Unknown
        and
        [
            Name of ship {Occurrence/ Vessel} has no value
            or
            Name of ship {Occurrence/ Vessel} has value
        ]
    ]
}

```

7.9.3. Automatic review RA-07.04 →

Purpose: It is recommended to review (Ship / craft type) value. It is recommended to include a level 3 value if available. Vessel:

Condition: If AUX-01 is True
 If AUX-02 is True
 RA-07.04
 Else
 If Directive 2009/18 equal to Yes
 RA-07.04

```

Procedure: {
    [
        Ship / craft type {Occurrence/Vessel} [Level 3] has no value
        and
        Ship / craft type {Occurrence/Vessel} [Level 2] has at least one of Cargo ship –
        Liquid Cargo, Cargo ship – Solid Cargo, Fishing vessel – Multipurpose, Fishing
        vessel - Seiner, Fishing vessel – Trawler, Passenger ship – Only passenger,
        Passenger ship – Passenger and general cargo, Passenger ship – Passenger and
        Ro-Ro cargo
        and
        [
            Name of ship {Occurrence/ Vessel} has no value
            or
            Name of ship {Occurrence/ Vessel} has value
        ]
    ]
}

```

7.9.4. Automatic review RA-07.05 →

Purpose: It is recommended to review (Ship / craft type) value. It is recommended to include a level 4 value if available. Vessel:

Condition: If AUX-01 is True

```

        If AUX-02 is True
            RA-07.05
        Else
            If Directive 2009/18 equal to Yes
                RA-07.05
    Procedure: {
        [
            Ship / craft type {Occurrence/Vessel} [Level 4] has no value
            and
            Ship / craft type {Occurrence/Vessel} [Level 3] has at least one of Cargo ship –
            Liquid Cargo – Chemical tanker, Cargo ship – Liquid Cargo – Liquified gas
            tanker, Cargo ship – Liquid Cargo – Oil tanker
            and
            [
                Name of ship {Occurrence/ Vessel} has no value
                or
                Name of ship {Occurrence/ Vessel} has value
            ]
        ]
    }

```

7.9.5. *Automatic review RA-07.06 →*

Purpose: It is recommended to review (Ship / craft type) value. It is recommended to include a level 5 value if available. Vessel:

Condition: If AUX-01 is True
 If AUX-02 is True
 RA-07.06
 Else
 If Directive 2009/18 equal to Yes
 RA-07.06

```

    Procedure: {
        [
            Ship / craft type {Occurrence/Vessel} [Level 5] has no value
            and
            Ship / craft type {Occurrence/Vessel} [Level 4] has at least one of Cargo ship –
            Liquid Cargo – Liquified gas tanker - LNG, Cargo ship – Liquid Cargo – Liquified
            gas tanker – LPG
            and
            [
                Name of ship {Occurrence/ Vessel} has no value
                or
                Name of ship {Occurrence/ Vessel} has value
            ]
        ]
    }

```

7.9.6. *Manual review M-07.06* →

Purpose: Review (Ship / craft type) value. Compare (Ship / craft type) with the value in a reliable database of vessel's characteristics. Vessel:

Condition: Always.

Procedure: {
 [
 IMO number {Occurrence/Vessel} has value
 and
 Ship / craft type {Occurrence/Vessel} has value
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
}

7.10. Additional ship type

It is not in the PCF list of mandatory fields.

7.10.1. *Manual review M-07.07* →

Purpose: Review (Additional ship type) value. It should be in accordance with (Ship / craft type) value. Vessel:

Condition: Always.

Procedure: {
 [
 Additional ship type {Occurrence/Vessel} has value
 and
 Ship / craft type {Occurrence/Vessel} [Level 1] doesn't have any of WIG, Unknow
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
}

7.11. Length between PP (and Length overall)

It is not in the PCF list of mandatory fields. It is recommended if there is not Length overall.

7.11.1. *Automatic review RA-07.07 [Implemented in EMCIP]* →

Purpose: It is recommended to Include (Length between PP) value or (Length overall) value. Vessel:

Condition: If AUX-01 is True
If AUX-02 is True
RA-07.07
Else
If Directive 2009/18 equal to Yes
RA-07.07

Procedure: {
[
Length between PP {Occurrence/Vessel} has no value
and
Length overall {Occurrence/Vessel} has no value
and
[
Name of ship {Occurrence/ Vessel} has no value
or
Name of ship {Occurrence/ Vessel} has value
]
]
}
}

7.11.2. *Manual review M-07.08* →

Purpose: Review (Length between PP) value. Compare (Length between PP) with the value in a reliable database of vessel's characteristics. Vessel:

Condition: Always.

Procedure: {
[
Length between PP {Occurrence/ Vessel} has value
and
IMO number {Occurrence/Vessel} has value
and
[
Name of ship {Occurrence/ Vessel} has no value
or
Name of ship {Occurrence/ Vessel} has value
]
]
}
}

7.12. Length overall

It is not in the PCF list of mandatory fields, but it is a recommended field.

7.12.1. *Automatic review A-07.09* →

Purpose: Review (Length overall) value. It should not be empty for fishing vessels. Vessel:

Condition: Always.

Procedure: {
[

```

    Length overall {Occurrence/Vessel} has no value
    and
    Ship / craft type {Occurrence/Vessel} [Level 1] equal to Fishing vessel
    and
    [
        Name of ship {Occurrence/ Vessel} has value
        or
        Name of ship {Occurrence/ Vessel} has no value
    ]
  ]
}

```

7.12.2. *Manual review M-07.09* →

Purpose: Review (Length overall) value. Compare (Length overall) with the value in a reliable database of vessel's characteristics. Vessel:

Condition: Always.

Procedure: {

```

    [
        Length overall {Occurrence/ Vessel} has value
        and
        IMO number {Occurrence/Vessel} has value
        and
        [
            Name of ship {Occurrence/ Vessel} has no value
            or
            Name of ship {Occurrence/ Vessel} has value
        ]
    ]
}

```

7.13. Hull material

It is recommended in the PCF list of mandatory fields, but it is necessary to determine if the occurrence is under the scope of the Directive 2009/18/EC with the new taxonomy.

7.13.1. *Automatic RA-07.08* →

Purpose: It is recommended to review (Hull material) value. It is recommended not to be empty. Vessel:

Condition: If AUX-01 is True
If AUX-02 is True
RA-07.08

Procedure: {

```

    [
        Hull material {in any Vessel} has no value
        and
        [
            Name of ship {Occurrence/ Vessel} has no value

```

```

        or
        Name of ship {Occurrence/ Vessel} has value
    ]
}

```

7.13.2. *Automatic A-07.10* →

Purpose: Review (Hull material) value. It should not be empty. Vessel:

Condition: If AUX-01 is False
 If Directive 2009/18 equal to Yes
 A-07.10

Procedure: {
 [
 Hull material {in any Vessel} has no value
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
 }

7.14. Year of build

It is not in the PCF list of mandatory fields, but it is a recommended field.

7.14.1. *Automatic review RA-07.09* →

Purpose: It is recommended to review (Year of build) value. It is recommended not to be empty.
 Vessel:

Condition: If AUX-01 is True
 If AUX-02 is True
 RA-07.09
 Else
 If Directive 2009/18 equal to Yes
 RA-07.09

Procedure: {
 [
 Year of build {Occurrence/ Vessel} has no value
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
 }

7.14.2. *Manual review M-07.10* →

Purpose: Review (Year of build) value. Compare (Year of build) with the value in a reliable database of vessel's characteristics. Vessel:

Condition: Always.

Procedure: {
 [
 Year of build {Occurrence/ Vessel} has value
 and
 IMO number {Occurrence/Vessel} has value
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
}

7.15. **Propulsion type**

It is a mandatory field with the new taxonomy. It is necessary to determine if the case is under the scope of the Directive 2009/18/EC.

7.15.1. *Automatic A-07.11* →

Purpose: Review (Propulsion type) value. It should not be empty. Vessel:

Condition: If AUX-01 is False

 If Directive 2009/18 equal to Yes
 A-07.11

Procedure: {
 [
 Propulsion type {in any Vessel} has no value
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
}

7.16. **Owned or operated by a Member State and used only on govern. non-commercial service**

It is a mandatory field with the new taxonomy. It is necessary to determine if the case is under the scope of the Directive 2009/18/EC.

7.16.1. *Automatic A-07.12* →

Purpose: Review (Owned/oper. by MS) value. It should not be empty. Vessel:

Condition: If AUX-01 is False
If Directive 2009/18 equal to Yes
A-07.12

Procedure: {
[
Owned/oper. by MS {in any Vessel} has no value
and
[
Name of ship {Occurrence/ Vessel} has no value
or
Name of ship {Occurrence/ Vessel} has value
]
]
}

7.17. Voyage type

It is not in the PCF list of mandatory fields and it is not recommended.

7.18. Voyage segment

It is in the PCF list of mandatory fields.

7.18.1. Automatic review A-07.13 [Implemented in EMCIP] →

Purpose: Review (Voyage segment) value. It should not be empty if it is not a recreational craft.
Vessel:

Condition: If AUX-01 is True
If AUX-02 is True
RA-07.13
Else
If Directive 2009/18 equal to Yes
RA-07.13

Procedure: {
[
Voyage segment {Occurrence/Vessel} has no value
and
Ship / craft type {Occurrence/Vessel} [Level 1] not equal to recreational craft
and
[
Name of ship {Occurrence/ Vessel} has no value
or
Name of ship {Occurrence/ Vessel} has value
]
]
}

7.19. Nr. of passengers (voyage)

It is required in the new taxonomy if the conditions of Article 2.2.b) are met. It is necessary to determine if the case is under the scope of the Directive 2009/18/EC. It is recommended for passenger ships with old taxonomy.

7.19.1. Automatic A-07.14 →

Purpose: Review (Nr. of passengers (voyage)) value. It should not be empty. Vessel:

Condition: If AUX-01 is False

A-07.14

Procedure: {

- [
- Hull material {Occurrence/Vessel} equal to Wood - Primitive built
- or
- Propulsion type {Occurrence/Vessel} has at least one of Sail, Not propelled, Oars/paddles
- or
- Ship / craft type {Occurrence/Vessel} [Level 1] equal to Recreational craft
-]
- and
- Commercial voyage {Occurrence/Vessel} equal to Yes
- and
- Nr. passengers {Occurrence/Vessel} has no value
- and
- [
- Name of ship {Occurrence/Vessel} has no value
- or
- Name of ship {Occurrence/Vessel} has value
-]
- }

7.19.2. Automatic review RA-07.10 [Partially implemented in EMCIP] →

Purpose: It is recommended to review (Nr. of passengers (voyage)) value. It is recommended not to be empty for passenger ships. Vessel:

Condition: If AUX-01 is True

If AUX-02 is True

RA-07.10

Procedure: {

- [
- Nr. passengers {Occurrence/Vessel} has no value
- and
- [
- Ship / craft type {Occurrence/Vessel} [Level 1] equal to Passenger ship
- or
- [
- Ship / craft type {Occurrence/Vessel} [Level 2] equal to Inland waterway vessel - Passenger
-]
-]
- }

```

        and
        Voyage type {Occurrence/Vessel} not equal to Inland waters
    ]
]
and
[
    Name of ship {Occurrence/ Vessel} has no value
or
    Name of ship {Occurrence/ Vessel} has value
]
]
}

```

7.20. Port of departure

It is in the PCF list of mandatory fields.

7.20.1. Automatic review A-07.15 [Implemented in EMCIP] →

Purpose: Review (Port of departure) value. It should not be empty. Vessel:

Condition: If AUX-01 is True
 If AUX-02 is True
 A-07.15
 Else
 If Directive 2009/18 equal to Yes
 A-07.15

Procedure: {
 [
 Port of departure {Occurrence/ Vessel} has no value
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
]
 }
 }

7.20.2. Automatic review A-07.16 →

Purpose: Review (Port of departure) value. A port name is required if there is a country name.
 Vessel:

Condition: Always.

Procedure: {
 [
 Port of departure {Occurrence/ Vessel} [Level 1] has value
 and
 Port of departure {Occurrence/ Vessel} [Level 1] doesn't have any of None,
 Unknown
]
 }
 }

```

    and
    Port of departure {Occurrence/ Vessel} [Level 2] has no value
    and
    [
        Name of ship {Occurrence/ Vessel} has no value
        or
        Name of ship {Occurrence/ Vessel} has value
    ]
  ]
}

```

7.21. Port of destination

It is in the PCF list of mandatory fields.

7.21.1. Automatic review A-07.17 [Implemented in EMCIP] →

Purpose: Review (Port of destination) value. It should not be empty. Vessel:

Condition: If AUX-01 is True

If AUX-02 is True

A-07.17

Else

If Directive 2009/18 equal to Yes

A-07.17

Procedure: {

```

    [
        Port of destination {Occurrence/ Vessel} has no value
        and
        [
            Name of ship {Occurrence/ Vessel} has no value
            or
            Name of ship {Occurrence/ Vessel} has value
        ]
    ]
}

```

7.21.2. Automatic review A-07.18 →

Purpose: Review (Port of destination) value. A port name is required if there is a country name.
Vessel:

Condition: Always.

Procedure: {

```

    [
        Port of destination {Occurrence/ Vessel} [Level 1] has value
        and
        Port of destination {Occurrence/ Vessel} [Level 1] doesn't have any of None,
        Unknown
        and
        Port of destination {Occurrence/ Vessel} [Level 2] has no value
    ]
}

```

```
and
[
  Name of ship {Occurrence/ Vessel} has no value
  or
  Name of ship {Occurrence/ Vessel} has value
]
]
}
```

7.22. Ship's routing (only casualty with a ship)

It is in the PCF list of mandatory fields.

7.22.1. Automatic review A-07.19 [Implemented in EMCIP] →

Purpose: Review (Ship's routing) value. It should not be empty for a casualty with a ship.
Vessel:

Condition: If AUX-01 is True
If AUX-02 is True
A-07.19
Else
If Directive 2009/18 equal to Yes
A-07.19

Procedure: {
Nature occurrence {Occurrence} equal to Casualty with a ship
and
[
Ship's routing {Occurrence/ Vessel} has no value
and
[
Name of ship {Occurrence/ Vessel} has no value
or
Name of ship {Occurrence/ Vessel} has value
]
]
}
}

7.23. Ship operation

It is in the PCF list of mandatory fields.

7.23.1. Automatic review A-07.20 [Implemented in EMCIP] →

Purpose: Review (Ship operation) value. It should not be empty. Vessel:

Condition: If AUX-01 is True
If AUX-02 is True
A-07.20
Else
If Directive 2009/18 equal to Yes
A-07.20

```
Procedure: {  
    [  
        Ship operation {Occurrence/ Vessel} has no value  
        and  
        [  
            Name of ship {Occurrence/ Vessel} has no value  
            or  
            Name of ship {Occurrence/ Vessel} has value  
        ]  
    ]  
}
```

7.23.2. Automatic review A-07.20.1 →

Purpose: Review (Ship operation) value. It should be Level 2 when the (Ship operation) is [Fishing, Normal service, Sailing or Special service]. Vessel:

Condition: If AUX-01 is True
 If AUX-02 is True
 A-07.20.1
Else
 If Directive 2009/18 equal to Yes
 A-07.20.1

```
Procedure: {  
    [  
        Ship operation {Occurrence/Vessel} has value  
        and  
        Ship operation {Occurrence/Vessel} [Level 1] has at least one of Fishing,  
        Normal service, Sailing, Special service  
        and  
        Ship operation {Occurrence/Vessel} [Level 2] has no value  
        and  
        [  
            Name of ship {Occurrence/Vessel} has no value  
            or  
            Name of ship {Occurrence/Vessel} has value  
        ]  
    ]  
}
```

7.24. Commercial voyage

It is a mandatory field with the new taxonomy. It is necessary to determine if the case is under the scope of the Directive 2009/18/EC.

7.24.1. Automatic A-07.21 →

Purpose: Review (Commercial voyage) value. It should not be empty. Vessel:

Condition: If AUX-01 is False

If Directive 2009/18 equal to Yes

A-07.21

Procedure: {
 [
 Commercial voyage {in any Vessel} has no value
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
}

7.25. Casualty severity (only casualty with a ship)

It is in the PCF list of mandatory fields.

7.25.1. Automatic review A-07.22 →

Purpose: Review (Casualty severity) value. It should not be empty. Vessel:

Condition: If AUX-01 is True

If AUX-02 is True

A-07.22

Else

If Directive 2009/18 equal to Yes

A-07.22

Procedure: {
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and
 [
 Casualty severity {Occurrence/ Vessel} has no value
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
}

7.25.2. Automatic review A-07.23 [Implemented in EMCIP] →

Purpose: Review (Casualty severity) value. It should not be [Marine incident] if (Damage to the ship) is equal to [Yes]. Vessel:

Condition: Always.

Procedure: {
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and


```

[
  Casualty severity {Occurrence/Vessel} equal to Marine incident
  and
  Damage to the ship {Occurrence/Vessel} equal to Yes
  and
  [
    Name of ship {Occurrence/ Vessel} has no value
    or
    Name of ship {Occurrence/ Vessel} has value
  ]
]
}

```

7.25.3. Automatic review A-07.24 [Not implemented in EMCIP] →

Purpose: Review (Casualty severity) value. It should be equal to (Occurrence severity) if (Nr. ships involved) is equal to [1]. Vessel:

Condition: Always.

Procedure: {

```

  Nature occurrence {Occurrence} equal to Casualty with a ship
  and
  Nr. ships involved equal to 1
  and
  {
    {
      Occurrence severity {Occurrence} equal to Very serious
      and
      Casualty severity {in any Vessel} not equal to Very serious
    }
    or
    {
      Occurrence severity {Occurrence} equal to Serious
      and
      Casualty severity { in any Vessel } not equal Serious
    }
    or
    {
      Occurrence severity {Occurrence} equal to Marine incident
      and
      Casualty severity {in any Vessel} not equal to Marine incident
    }
    or
    {
      Occurrence severity {Occurrence} equal to Less Serious
      and
      Casualty severity {in any Vessel} not equal to Less Serious
    }
  }
}

```

```

    and
    [
        Name of ship {Occurrence/ Vessel} has no value
    or
        Name of ship {Occurrence/ Vessel} has value
    ]
}

```

7.25.4. *Automatic review A-07.25* →

Purpose: Review (Casualty severity) value. It should not be more severe than (Occurrence severity) value. Vessel:

Condition: Always.

Procedure: {

```

    Nature occurrence {Occurrence} equal to Casualty with a ship
    and
    [
        Name of ship {Occurrence/ Vessel} has no value
    or
        Name of ship {Occurrence/ Vessel} has value
    ]
    and
    {
        {
            Occurrence severity {Occurrence} equal to Serious
            and
            Casualty severity {in any Vessel} equal to Very serious
        }
    or
        {
            Occurrence severity {Occurrence} equal to Less Serious
            and
            Casualty severity {in any Vessel} has at least one of Very serious, Serious
        }
    or
        {
            Occurrence severity {Occurrence} equal to Marine incident
            and
            Casualty severity {in any Vessel} has at least one of Very serious, Serious,
            Less Serious
        }
    }
}

```

7.26. **Damage to the ship (only casualties with a ship)**

It is in the PCF list of mandatory fields.

7.26.1. Automatic review A-07.26 [Implemented in EMCIP] →

Purpose: Review (Damage to the ship) value. It should not be empty. Vessel:

Condition: If AUX-01 is True

If AUX-02 is True

A-07.26

Else

If Directive 2009/18 equal to Yes

A-07.26

Procedure: {
 [
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and
 Damage to the ship {Occurrence/ Vessel} has no value
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
}

7.27. Place on board

It is in the PCF list of mandatory fields.

7.27.1. Automatic review A-07.27 [Implemented in EMCIP] →

Purpose: Review (Place on board) value. It should not be empty. Vessel:

Condition: If AUX-01 is True

If AUX-02 is True

A-07.27

Else

If Directive 2009/18 equal to Yes

A-07.27

Procedure: {
 [
 Place on board {Occurrence/ Vessel} has no value
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
}

7.27.2. Automatic review A-07.27.1 →

Purpose: Review (Place on board) value. It should be Level 2 if (Place on board) is [Accommodation, Bridge, Cargo & tank areas, Pump room, Engine department, Ship].
Vessel:

Condition: If AUX-01 is True
If AUX-02 is True
A-07.27.1
Else
If Directive 2009/18 equal to Yes
A-07.27.1

Procedure: {
[
Place on board {Occurrence/Vessel} has value
and
Place on board {Occurrence/Vessel} [Level 1] has at least one of
Accommodation, Bridge, Cargo & tank areas, Pump room, Engine
department, Ship
and
Place on board {Occurrence/Vessel} [Level 2] has no value
and
[
Name of ship {Occurrence/Vessel} has no value
or
Name of ship {Occurrence/Vessel} has value
]
]
}

7.28. Ship's boat

It is not in the PCF list of mandatory fields and it is not a recommended value.

7.29. Did the ship sink? (only casualties with a ship)

It is recommended in the PCF list of mandatory fields, but it is mandatory to review severity.

7.29.1. Automatic review A-07.28 →

Purpose: Review (Did the ship sink?) value. It should not be empty. Vessel:

Condition: If AUX-01 is True
If AUX-02 is True
A-07.28
Else
If Directive 2009/18 equal to Yes
A-07.28

Procedure: {
[
Nature occurrence {Occurrence} equal to Casualty with a ship
]

```
and
Did the ship sink? {Occurrence/ Vessel} has no value
and
[
    Name of ship {Occurrence/ Vessel} has no value
or
    Name of ship {Occurrence/ Vessel} has value
]
]
}
```

7.30. Ship unfit to proceed (only casualties with a ship)

It is not in the PCF list of mandatory fields, but it is mandatory to review severity.

7.30.1. Automatic review A-07.29 →

Purpose: Review (Ship unfit to proceed) value. It should not be empty. Vessel:

Condition: If AUX-01 is True

If AUX-02 is True

A-07.29

Else

If Directive 2009/18 equal to Yes

A-07.29

Procedure: {

Nature occurrence {Occurrence} equal to Casualty with a ship

and

[

Unfit to proceed {Vessel/Consequences – Damage Ship} has no value

and

[

Name of ship {Occurrence/ Vessel} has no value

or

Name of ship {Occurrence/ Vessel} has value

]

]

}

7.31. Towage or shore assistance

It is not in the PCF list of mandatory fields, but it is mandatory to review severity.

7.31.1. Automatic review A-07.30 →

Purpose: Review (Towage or shore assistance) value. It should not be empty. Vessel:

Condition: If AUX-01 is True

If AUX-02 is True

A-07.30

Else

If Directive 2009/18 equal to Yes

A-07.30

```

Procedure: {
    [
        Towage or shore assistance {Occurrence/ Vessel} has no value
        and
        [
            Name of ship {Occurrence/ Vessel} has no value
            or
            Name of ship {Occurrence/ Vessel} has value
        ]
    ]
}

```

7.32. Cargo damage (only casualties with a ship)

It is in the PCF list of mandatory fields.

7.32.1. Automatic review A-07.31 [Implemented in EMCIP] →

Purpose: Review (Cargo damage) value. It should not be empty. Vessel:

Condition: If AUX-01 is True

If AUX-02 is True

A-07.31

Else

If Directive 2009/18 equal to Yes

A-07.31

```

Procedure: {
    Nature occurrence {Occurrence} equal to Casualty with a ship
    and
    [
        Cargo damage {Occurrence/ Vessel} has no value
        and
        Ship / craft type {Occurrence/Vessel} [Level 1] not equal to Recreational craft
        and
        [
            Name of ship {Occurrence/ Vessel} has no value
            or
            Name of ship {Occurrence/ Vessel} has value
        ]
    ]
}

```

7.33. Pollution (cargo) (only casualties with a ship)

It is in the PCF list of mandatory fields.

A recreational craft has no bunkers neither cargo, so it is not possible to notify pollution from a recreational craft, nevertheless they can carry pollutants and spill them accidental. Taxonomy must be changed to solve this problem.

7.33.1. Automatic review A-07.32 [Implemented in EMCIP] →

Purpose: Review (Pollution (cargo)) value. It should not be empty. Vessel:

Condition: If AUX-01 is True

If AUX-02 is True

A-07.32

Else

If Directive 2009/18 equal to Yes

A-07.32

Procedure: {
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and
 [
 Pollution (cargo) {Occurrence/Vessel} has no value
 and
 [
 Ship / craft type {Occurrence/Vessel} [Level 1] has no value
 or
 Ship / craft type {Occurrence/Vessel} [Level 1] not equal to Recreational craft
]
 and
 [
 Name of ship {Occurrence/Vessel} has no value
 or
 Name of ship {Occurrence/Vessel} has value
]
]
}

7.33.2. Automatic review A-07.33 →

Purpose: Review (Pollution (cargo)) value. It should be [No] or [n.a.] if (Pollution quantity, cargo) value is equal to [0.000 t]. Vessel:

Condition: Always.

Procedure: {
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and
 [
 Pollution (cargo) {Occurrence/ Vessel} doesn't have any of No, n.a.
 and
 Ship / craft type {Occurrence/Vessel} [Level 1] not equal to Recreational craft
 and
 Pollution quantity, cargo {Occurrence/Vessel} has value
 and
 Pollution quantity, cargo {Occurrence/Vessel} equal to 0.000 t
 and
 [

```

        Name of ship {Occurrence/ Vessel} has no value
        or
        Name of ship {Occurrence/ Vessel} has value
    ]
}

```

7.33.3. Automatic review A-07.34 →

Purpose: Review (Pollution (cargo)) value. It should be [Yes] if (Pollution quantity, cargo) is not equal to [0.000 t]. Vessel:

Condition: Always.

Procedure: {

```

    Nature occurrence {Occurrence} equal to Casualty with a ship
    and
    [
        Pollution (cargo) {Occurrence/ Vessel} has at least one of No, n.a., Unknown
        and
        Ship / craft type {Occurrence/Vessel} [Level 1] not equal to Recreational craft
        and
        Pollution quantity, cargo {Occurrence/Vessel} has value
        and
        Pollution quantity, cargo {Occurrence/Vessel} not equal to 0.000 t
        and
        [
            Name of ship {Occurrence/ Vessel} has no value
            or
            Name of ship {Occurrence/ Vessel} has value
        ]
    ]
}

```

7.34. Pollution quantity, cargo (only casualties with a ship)

It is in the PCF list of mandatory fields.

7.34.1. Automatic review A-07.35 →

Purpose: Review (Pollution quantity, cargo) value. It should not be empty if (Pollution (cargo)) value is [Yes] or [No]. Vessel:

Condition: Always.

Procedure: {

```

    Nature occurrence {Occurrence} equal to Casualty with a ship
    and
    [
        Pollution quantity, cargo {Occurrence/ Vessel} has no value
        and
        Pollution (cargo) {Occurrence/ Vessel} has at least one of Yes, No
        and
        [

```



```
        Name of ship {Occurrence/ Vessel} has no value
        or
        Name of ship {Occurrence/ Vessel} has value
    ]
}
}
```

7.34.2. *Automatic review A-07.36* →

Purpose: Review (Pollution quantity, cargo) value. It should be equal to [0.000 t] if (Pollution (cargo)) value is equal to [No]. Vessel:

Condition: Always.

Procedure: {
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and
 [
 Pollution (cargo) {Occurrence/ Vessel} equal to No
 and
 Pollution quantity, cargo {Occurrence/ Vessel} not equal to 0.000 t
 and
 [
 Name of ship {Occurrence/ Vessel} has no value
 or
 Name of ship {Occurrence/ Vessel} has value
]
]
}

7.34.3. *Automatic review A-07.37* →

Purpose: Review (Pollution quantity, cargo) value. It should be greater than [0.000 t] if (Pollution (cargo)) value is equal to [Yes]. Vessel:

Condition: Always.

Procedure: {
 Nature occurrence {Occurrence} equal to Casualty with a ship
 and
 [
 Pollution (cargo) {Occurrence/Vessel} has value
 and
 Pollution (cargo) {Occurrence/Vessel} equal to Yes
 and
 Poll. quantity/cargo {Occurrence/Vessel} equal to 0.000 t
 and
 Poll. quantity/cargo {Occurrence/Vessel} has value
]
 and
 [
 Name of ship {Occurrence/Vessel} has no value
 or

```

        Name of ship {Occurrence/Vessel} has value
    ]
}

```

7.35. Pollution (bunkers) (only casualties with a ship)

It is in the PCF list of mandatory fields.

7.35.1. Automatic review A-07.38 [Implemented in EMCIP] →

Purpose: Review (Pollution (bunkers)) value. It should not be empty. Vessel:

Condition: If AUX-01 is True

If AUX-02 is True

A-07.38

Else

If Directive 2009/18 equal to Yes

A-07.38

Procedure: {

```

    Nature occurrence {Occurrence} equal to Casualty with a ship
    and
    [
        Pollution (bunkers) {Occurrence/Vessel} has no value
        and
        [
            Ship / craft type {Occurrence/Vessel} [Level 1] has no value
            or
            Ship / craft type {Occurrence/Vessel} [Level 1] not equal to Recreational craft
        ]
        and
        [
            Name of ship {Occurrence/Vessel} has no value
            or
            Name of ship {Occurrence/Vessel} has value
        ]
    ]
}

```

7.35.2. Automatic review A-07.39 →

Purpose: Review (Pollution (bunkers)) value. It should be [No] or [n.a.] if (Pollution quantity, bunkers) value is equal to [0.000 t]. Vessel:

Condition: Always.

Procedure: {

```

    Nature occurrence {Occurrence} equal to Casualty with a ship
    and
    [
        Pollution (bunkers) {Occurrence/Vessel} equal to Yes
        and
        Ship / craft type {Occurrence/Vessel} [Level 1] not equal to Recreational craft
    ]
}

```

```

    and
    Poll. quantity/bunker {Occurrence/Vessel} has value
    and
    Poll. quantity/bunker {Occurrence/Vessel} equal to 0.000 t
    and
    [
    Name of ship {Occurrence/Vessel} has no value
    or
    Name of ship {Occurrence/Vessel} has value
    ]
  ]
}

```

7.35.3. Automatic review A-07.40 →

Purpose: Review (Pollution (bunkers)) value. It should be [Yes] if (Pollution quantity, bunkers) is not equal to [0.000 t]. Vessel:

Condition: Always.

Procedure: {

```

  Nature occurrence {Occurrence} equal to Casualty with a ship
  and
  [
  Pollution (bunkers) {Occurrence/Vessel} has at least one of No, n.a., Unknown
  and
  Ship / craft type {Occurrence/Vessel} [Level 1] not equal to Recreational craft
  and
  Poll. quantity/bunker {Occurrence/Vessel} has value
  and
  Poll. quantity/bunker {Occurrence/Vessel} not equal to 0.000 t
  and
  [
  Name of ship {Occurrence/Vessel} has no value
  or
  Name of ship {Occurrence/Vessel} has value
  ]
  ]
}

```

7.36. Pollution quantity, bunkers (only casualties with a ship)

It is in the PCF list of mandatory fields.

7.36.1. Automatic review A-07.41 →

Purpose: Review (Pollution quantity, bunkers) value. It should not be empty if (Pollution (bunkers)) value is [Yes] or [No]. Vessel:

Condition: Always.

Procedure: {

```

  Nature occurrence {Occurrence} equal to Casualty with a ship

```

```

    and
    [
      Poll. quantity/bunker {Occurrence/Vessel} has no value
      and
      Pollution (bunkers) {Occurrence/Vessel} has at least one of Yes, No
      and
      [
        Name of ship {Occurrence/Vessel} has no value
        or
        Name of ship {Occurrence/Vessel} has value
      ]
    ]
  }

```

7.36.2. *Automatic review A-07.42* →

Purpose: Review (Pollution quantity, bunkers) value. It should be equal to [0.000 t] if (Pollution (bunkers)) value is equal to [No]. Vessel:

Condition: Always.

Procedure: {

```

  Nature occurrence {Occurrence} equal to Casualty with a ship
  and
  [
    Pollution (bunkers) {Occurrence/Vessel} equal to No
    and
    Poll. quantity/bunker {Occurrence/Vessel} not equal to 0.000 t
    and
    [
      Name of ship {Occurrence/Vessel} has no value
      or
      Name of ship {Occurrence/Vessel} has value
    ]
  ]
}

```

7.36.3. *Automatic review A-07.43* →

Purpose: Review (Pollution quantity, bunkers) value. It should be greater than [0.000 t] if (Pollution (bunkers)) value is equal to [Yes]. Vessel:

Condition: Always.

Procedure: {

```

  Nature occurrence {Occurrence} equal to Casualty with a ship
  and
  [
    Pollution (bunkers) {Occurrence/Vessel} has value
    and
    Pollution (bunkers) {Occurrence/Vessel} equal to Yes
    and
    Poll. quantity/bunker {Occurrence/Vessel} equal to 0.000 t
  ]
}

```

```
        and
        Poll. quantity/bunker {Occurrence/Vessel} has value
    ]
    and
    [
        Name of ship {Occurrence/Vessel} has no value
    or
        Name of ship {Occurrence/Vessel} has value
    ]
}
```

8. Injuries →

8.1. Lives lost - Crew

It is in the PCF list of mandatory fields, only if there were crew lives lost.

8.1.1. *Manual review M-08.01* →

Purpose: Review (Lives lost - Crew - Total), (Lives lost - Other - Total) and (Lives lost - Passenger - Total) values. Read (Description) and (Title) values to review them.

Condition: If AUX-01 is True
 If AUX-02 is True
 M-08.01
Else
 If Directive 2009/18 equal to Yes
 M-08.01

Procedure: {
 Casualty Report Nr. {Occurrence} has value
 }

8.2. Lives lost - Passenger

It is in the PCF list of mandatory fields, only if there were passenger lives lost.
Included in manual review M-08.01.

8.3. Lives lost - Other

It is in the PCF list of mandatory fields, only if there were other lives lost.
Included in manual review M-08.01.

8.4. Lives lost - Total

It is in the PCF list of mandatory fields.

8.4.1. *Automatic review A-08.01 [Implemented in EMCIP]* →

Purpose: Review (Lives lost - Total) value. It should not be empty.

Condition: If AUX-01 is True
 If AUX-02 is True
 A-08.01

Else
If Directive 2009/18 equal to Yes
A-08.01

Procedure: {
Lives lost - Total {Occurrence} has no value
}

8.5. People injured - Crew

It is in the PCF list of mandatory fields, only if there were injured crew members.

8.5.1. Manual review M-08.02 →

Purpose: Review (People injured - Crew - Total), (People injured - Other - Total) and (People injured - Passenger - Total) values. Read (Description) and (Title) values to review them.

Condition: If AUX-01 is True
If AUX-02 is True
M-08.02
Else
If Directive 2009/18 equal to Yes
M-08.02

Procedure: {
Casualty Report Nr. {Occurrence} has value
}

8.6. People injured - Passenger

It is in the PCF list of mandatory fields, only if there were injured passengers.
Included in manual review M-08.02.

8.7. People injured - Other

It is in the PCF list of mandatory fields, only if there were other injured.
Included in manual review M-08.02.

8.8. People injured - Total

It is in the PCF list of mandatory fields.

8.8.1. Automatic review A-08.02 [Implemented in EMCIP] →

Purpose: Review (People injured - Total) value. It should not be empty.

Condition: If AUX-01 is True
If AUX-02 is True
A-08.02
Else
If Directive 2009/18 equal to Yes
A-08.02

Procedure: {

People injured - Total {Occurrence} has no value
}

9. External Damage →

9.1. Other damage

It is in the PCF list of mandatory fields.

9.1.1. *Automatic review A-09.01 [Implemented in EMCIP] →*

Purpose: Review (Other damage) value. It should not be empty.

Condition: If AUX-01 is True
If AUX-02 is True
A-09.01
Else
If Directive 2009/18 equal to Yes
A-09.01

Procedure: {
Other damage {Occurrence} has no value
}

9.2. Air pollution (only casualties with a ship)

It is in the PCF list of mandatory fields.

9.2.1. *Automatic review A-09.02 [Implemented in EMCIP] →*

Purpose: Review (Air pollution) value. It should not be empty in a casualty with a ship.

Condition: If AUX-01 is True
If AUX-02 is True
A-09.02
Else
If Directive 2009/18 equal to Yes
A-09.02

Procedure: {
Nature occurrence {Occurrence} equal to Casualty with a ship
and
Air pollution {Occurrence} has no value
}

10. Investigation →

These rules apply only to occurrences that are “Investigations”

10.1. Casualty events

10.1.1. A-10.01 Casualty events →

Purpose: -

Condition: Always.

Procedure: {

Occurrence Type {Occurrence} equal to Investigation
and

Investigation Status {Occurrence} equal to Finished
and

Nature occurrence {Occurrence} equal to Casualty with a ship

}

10.1.2. A-10.01.1 Casualty events sequence →

Purpose: Review the (Casualty Event) in the (Full View). If the Investigation is Finished, then each (Casualty Event) shall have a sequence number.

Condition: If 10.1 is True

Procedure: {

Sequence {in any Event} has no value

}

10.1.3. A-10.01.3 Casualty events - Contributing factors →

Purpose: Review the (Casualty Event) in the (Full View). If the Investigation is Finished, then each (Casualty Event) shall have a sequence number.

Condition: If 10.1 is True

Procedure: {

CF coding {in any Factor} [Last Instance Identifier] greater than or equal to 1
or

CF description {in any Factor} [Last Instance Identifier] greater than or equal to 1

}

10.1.3.1. A-10.01.3.1 Casualty events - Contributing factors incomplete →

Purpose: Review (Contributing Factors) in (Full view). The (Description) and (Type) of each (Contributing Factor) should have a value.

Condition: If 10.1.3 is True

Procedure: {

CF coding {in any Factor} has no value
or

CF description {in any Factor} has no value

}

10.1.3.2. A-10.01.3.2 Casualty events - Contributing factors (levels) →

Purpose: Review (Contributing Factors) in (Full view). The (Description) and (Type) of each (Contributing Factor) should have a value.

Condition: If 10.1.3 is True

Procedure: {
 CF coding {in any Factor} has value
 and
 CF coding {in any Factor} [Level 3] has no value
}

10.1.4. A-10.01.4 Casualty events - Accidental events attributes →

Purpose: Review (Accidental Events). They should contain at least an actor, description stage and type.

Condition: If 10.1 is True

Procedure: {
 {
 {
 Event description {in any Accidental event - Environmental effect} has value
 or
 Event description {in any Accidental event - Equipment failure} has value
 or
 Event description {in any Accidental event - Hazardous material} has value
 or
 Event description {in any Accidental event - Human Erroneous Action} has value
 or
 Event description {in any Accidental event - Other agent or vessel} has value
 or
 Event description {in any Accidental event - Unknown} has value
 }
 } and
 {
 Event description {in any Accidental event - Environmental effect} has no value
 or
 Event description {in any Accidental event - Equipment failure} has no value
 or
 Event description {in any Accidental event - Hazardous material} has no value
 or
 Event description {in any Accidental event - Human Erroneous Action} has no value
 or
 Event description {in any Accidental event - Other agent or vessel} has no value
 or
 Event description {in any Accidental event - Unknown} has no value
 }
}

```
or
{
  {
    Actor {in any Accidental event - Environmental effect} has value
    or
    Actor {in any Accidental event - Equipment failure} has value
    or
    Actor {in any Accidental event - Hazardous material} has value
    or
    Actor {in any Accidental event - Human Erroneous Action} has value
    or
    Actor {in any Accidental event - Other agent or vessel} has value
    or
    Actor {in any Accidental event - Unknown} has value
  }
}
and
{
  Actor {in any Accidental event - Environmental effect} has no value
  or
  Actor {in any Accidental event - Equipment failure} has no value
  or
  Actor {in any Accidental event - Hazardous material} has no value
  or
  Actor {in any Accidental event - Human Erroneous Action} has no value
  or
  Actor {in any Accidental event - Other agent or vessel} has no value
  or
  Actor {in any Accidental event - Unknown} has no value
}
}
or
{
  {
    Casualty stage {in any Accidental event - Environmental effect} has value
    or
    Casualty stage {in any Accidental event - Equipment failure} has value
    or
    Casualty stage {in any Accidental event - Hazardous material} has value
    or
    Casualty stage {in any Accidental event - Human Erroneous Action} has value
    or
    Casualty stage {in any Accidental event - Other agent or vessel} has value
    or
    Casualty stage {in any Accidental event - Unknown} has value
  }
}
and
{
```

Casualty stage {in any Accidental event - Environmental effect} has no value
or
Casualty stage {in any Accidental event - Equipment failure} has no value
or
Casualty stage {in any Accidental event - Hazardous material} has no value
or
Casualty stage {in any Accidental event - Human Erroneous Action} has no value
or
Casualty stage {in any Accidental event - Other agent or vessel} has no value
or
Casualty stage {in any Accidental event - Unknown} has no value
}
}
}

10.2. Occupational accidents →

10.2.2. A-10.02 - Occupational accidents →

Purpose: -

Condition: Always.

Procedure: {

Occurrence Type {Occurrence} equal to Investigation

and

Investigation Status {Occurrence} equal to Finished

and

Nature occurrence {Occurrence} equal to Occupational accident

}

10.2.3. A-10.02.2 Occupational Accidents - Contributing factors →

Purpose: -

Condition: If 10.2 is True

Procedure: {

CF coding {in any Factor} [Last Instance Identifier] greater than or equal to 1

or

CF description {in any Factor} [Last Instance Identifier] greater than or equal to 1

}

10.2.3.1. A-10.02.2.1 Occupational Accidents - Contributing factors incomplete →

Purpose: Review (Contributing Factors) in (Full view). The (Description) and (Type) of each (Contributing Factor) should have a value.

Condition: If 10.2.2 is True

Procedure: {

CF coding {in any Factor} has no value

or
CF description {in any Factor} has no value
}

10.2.3.2. A-10.02.2 Occupational Accidents - Contributing factors (levels) →

Purpose: Review (Contributing Factor) and specify each factor to the lowest possible level (es. Shore Management/Design/Design Error).

Condition: If 10.2.2 is True

Procedure: {
 CF coding {in any Factor} has value
 and
 CF coding {in any Factor} [Level 3] has no value
}

10.2.4. A-10.02.3 Occupational Accidents / Accidental events →

Purpose: Review (Accidental Events). They should contain at least an actor, description stage and type.

Condition: If 10.2 is True

Procedure: {
 {
 {
 Event description {in any Accidental event - Environmental effect} has value
 or
 Event description {in any Accidental event - Equipment failure} has value
 or
 Event description {in any Accidental event - Hazardous material} has value
 or
 Event description {in any Accidental event - Human Erroneous Action} has value
 or
 Event description {in any Accidental event - Other agent or vessel} has value
 or
 Event description {in any Accidental event - Unknown} has value
 }
 and
 {
 Event description {in any Accidental event - Environmental effect} has no value
 or
 Event description {in any Accidental event - Equipment failure} has no value
 or
 Event description {in any Accidental event - Hazardous material} has no value
 or
 Event description {in any Accidental event - Human Erroneous Action} has no value
 or
 Event description {in any Accidental event - Other agent or vessel} has no value
 }
 }
}

```
    or
    Event description {in any Accidental event - Unknown} has no value
  }
}
or
{
  {
    Actor {in any Accidental event - Environmental effect} has value
    or
    Actor {in any Accidental event - Equipment failure} has value
    or
    Actor {in any Accidental event - Hazardous material} has value
    or
    Actor {in any Accidental event - Human Erroneous Action} has value
    or
    Actor {in any Accidental event - Other agent or vessel} has value
    or
    Actor {in any Accidental event - Unknown} has value
  }
  and
  {
    Actor {in any Accidental event - Environmental effect} has no value
    or
    Actor {in any Accidental event - Equipment failure} has no value
    or
    Actor {in any Accidental event - Hazardous material} has no value
    or
    Actor {in any Accidental event - Human Erroneous Action} has no value
    or
    Actor {in any Accidental event - Other agent or vessel} has no value
    or
    Actor {in any Accidental event - Unknown} has no value
  }
}
or
{
  {
    Casualty stage {in any Accidental event - Environmental effect} has value
    or
    Casualty stage {in any Accidental event - Equipment failure} has value
    or
    Casualty stage {in any Accidental event - Hazardous material} has value
    or
    Casualty stage {in any Accidental event - Human Erroneous Action} has value
    or
    Casualty stage {in any Accidental event - Other agent or vessel} has value
    or
```

```
Casualty stage {in any Accidental event - Unknown} has value
}
and
{
  Casualty stage {in any Accidental event - Environmental effect} has no value
  or
  Casualty stage {in any Accidental event - Equipment failure} has no value
  or
  Casualty stage {in any Accidental event - Hazardous material} has no value
  or
  Casualty stage {in any Accidental event - Human Erroneous Action} has no value
  or
  Casualty stage {in any Accidental event - Other agent or vessel} has no value
  or
  Casualty stage {in any Accidental event - Unknown} has no value
}
}
```