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COVER NOTE

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| From: | Secretary-General of the European Commission, signed by Mr Jordi AYET PUIGARNAU, Director |
| date of receipt: | 27 April 2020 |
| To: | Mr Jeppe TRANHOLM-MIKKELSEN, Secretary-General of the Council of the European Union |

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|----------------|---|
| No. Cion doc.: | C(2020) 2561 final - ANNEX |
| Subject: | ANNEX to the Commission Delegated Regulation (EU) .../... amending Commission Delegated Regulation (EU) 2020/124 as regards certain provisions of, and Annexes to, the conservation and enforcement measures of the Northwest Atlantic Fisheries Organisation (NAFO) |

Delegations will find attached document C(2020) 2561 final - ANNEX.

Encl.: C(2020) 2561 final - ANNEX



Brussels, 27.4.2020
C(2020) 2561 final

ANNEX

ANNEX

to the

Commission Delegated Regulation (EU) .../...

amending Commission Delegated Regulation (EU) 2020/124 as regards certain provisions of, and Annexes to, the conservation and enforcement measures of the Northwest Atlantic Fisheries Organisation (NAFO)

ANNEX

The Annex is amended as follows:

1. Point 3 is replaced by the following:

“(3) Part VI of Annex I.E to the CEM as referred to in point 21 of Article 3, in Article 21(2) and in point (i) of point (a) of Article 27(11) of Regulation (EU) 2019/833

List of VME Indicator Species

| Common Name and FAO ASFIS 3- ALPHA CODE | Taxon | Family | FAO ASFIS 3-ALPHA CODE |
|---|---|------------------|------------------------|
| | <i>Asconema foliatum</i> | Rossellidae | ZBA |
| | <i>Aphrocallistes beatrix</i> | Aphrocallistidae | |
| | <i>Asbestopluma (Asbestopluma) ruetzleri</i> | Cladorhizidae | ZAB (Asbestopluma) |
| | <i>Axinella</i> sp. | Axinellidae | |
| | <i>Chondrocladia grandis</i> | Cladorhizidae | ZHD (Chondrocladia) |
| | <i>Cladorhiza abyssicola</i> | Cladorhizidae | ZCH (Cladorhiza) |
| | <i>Cladorhiza kenchingtonae</i> | Cladorhizidae | ZCH (Cladorhiza) |
| | <i>Craniella</i> spp. | Tetillidae | ZCS (Craniella spp.) |
| | <i>Dictyaulus romani</i> | Euplectellidae | ZDY (Dictyaulus) |
| | <i>Esperiopsis villosa</i> | Esperiopsidae | ZEW |
| | <i>Forcepia</i> spp. | Coelosphaeridae | ZFR |
| | <i>Geodia barrette</i> | Geodiidae | |
| | <i>Geodia macandrewii</i> | Geodiidae | |
| | <i>Geodia parva</i> | Geodiidae | |
| Large-Sized Sponges (PFR - Porifera) | <i>Geodia phlegraei</i> | Geodiidae | |
| | <i>Haliclona</i> sp. | Chalinidae | ZHL |
| | <i>Iophon piceum</i> | Acarinidae | WJP |
| | <i>Isodictya palmata</i> | Isodictyidae | |
| | <i>Lissodendoryx (Lissodendoryx) complicata</i> | Coelosphaeridae | ZDD |
| | <i>Mycale (Mycale) lingua</i> | Mycalidae | |
| | <i>Mycale (Mycale) loveni</i> | Mycalidae | |
| | <i>Phakellia</i> sp. | Axinellidae | |
| | <i>Polymastia</i> spp. | Polymastiidae | ZPY |
| | <i>Stelletta normani</i> | Ancorinidae | WSX (Stelletta) |
| | <i>Stelletta tuberosa</i> | Ancorinidae | WSX (Stelletta) |
| | <i>Stryphnus fortis</i> | Ancorinidae | WPH |
| | <i>Thenea muricata</i> | Pachastrellidae | ZTH (Thenea) |
| | <i>Thenea valdiviae</i> | Pachastrellidae | ZTH (Thenea) |
| | <i>Weberella bursa</i> | Polymastiidae | |

| | | | |
|--|--|------------------|-------------------|
| Stony Corals (CSS - Scleractinia) | <i>Enallopsammia rostrata*</i> | Dendrophylliidae | FEY |
| | <i>Lophelia pertusa*</i> | Caryophylliidae | LWS |
| | <i>Madrepora oculata*</i> | Oculinidae | MVI |
| | <i>Solenosmilia variabilis*</i> | Caryophylliidae | RZT |
| Small Gorgonians (GGW) | <i>Acanella arbuscula</i> | Isididae | KQL (Acanella) |
| | <i>Anthothela grandiflora</i> | Anthothelidae | WAG |
| | <i>Chrysogorgia</i> sp. | Chrysogorgiidae | FHX |
| | <i>Metallogorgia melanotrichos*</i> | Chrysogorgiidae | |
| | <i>Narella laxa</i> | Primnoidae | |
| | <i>Radicipes gracilis</i> | Chrysogorgiidae | CZN |
| | <i>Swiftia</i> sp. | Plexauridae | |
| Large Gorgonians (GGW) | <i>Acanthogorgia armata</i> | Acanthogorgiidae | AZC |
| | <i>Calyptrophora</i> sp.* | Primnoidae | |
| | <i>Corallium bathyrubrum</i> | Coralliidae | COR (Corallium) |
| | <i>Corallium bayeri</i> | Coralliidae | COR (Corallium) |
| | <i>Iridogorgia</i> sp.* | Chrysogorgiidae | |
| | <i>Keratoisis</i> cf. <i>siemensii</i> | Isididae | |
| | <i>Keratoisis grayi</i> | Isididae | |
| | <i>Lepidisis</i> sp.* | Isididae | QFX (Lepidisis) |
| | <i>Paragorgia arborea</i> | Paragorgiidae | BFU |
| | <i>Paragorgia johnsoni</i> | Paragorgiidae | BFV |
| | <i>Paramuricea grandis</i> | Plexauridae | PZL (Paramuricea) |
| | <i>Paramuricea placomus</i> | Plexauridae | PZL (Paramuricea) |
| | <i>Paramuricea</i> spp. | Plexauridae | PZL (Paramuricea) |
| | <i>Parastenella atlantica</i> | Primnoidae | |
| | <i>Placogorgia</i> sp. | Plexauridae | |
| | <i>Placogorgia terceira</i> | Plexauridae | |
| <i>Primnoa resedaeformis</i> | Primnoidae | QOE | |
| <i>Thouarella (Euthouarella) grasshoffi*</i> | Primnoidae | | |
| Sea Pens (NTW – Pennatulacea) | <i>Anthoptilum grandiflorum</i> | Anthoptilidae | AJG (Anthoptilum) |
| | <i>Distichoptilum gracile</i> | Protoptilidae | WDG |
| | <i>Funiculina quadrangularis</i> | Funiculinidae | FQJ |
| | <i>Halipterus</i> cf. <i>christii</i> | Halipteridae | ZHX (Halipterus) |
| | <i>Halipterus finmarchica</i> | Halipteridae | HFM |
| | <i>Halipterus</i> sp. | Halipteridae | ZHX (Halipterus) |
| | <i>Kophobelemnion stelliferum</i> | Kophobelemnidae | KVF |
| | <i>Pennatula aculeata</i> | Pennatulidae | QAC |
| | <i>Pennatula grandis</i> | Pennatulidae | |
| | <i>Pennatula</i> sp. | Pennatulidae | |
| <i>Protoptilum carpenteri</i> | Protoptilidae | | |

| | | | |
|--|---------------------------------|-------------------|-----|
| | <i>Umbellula lindahli</i> | Umbellulidae | |
| | <i>Virgularia mirabilis</i> | Virgulariidae | |
| Tube-Dwelling Anemones | <i>Pachycerianthus borealis</i> | Cerianthidae | WQB |
| Erect Bryozoans (BZN – Bryozoa) | <i>Eucratea loricata</i> | Eucrateidae | WEL |
| Sea Lilies (CWD – Crinoidea) | <i>Conocrinus lofotensis</i> | Bourgueticrinidae | WCF |
| | <i>Gephyrocrinus grimaldii</i> | Hyocrinidae | |
| | <i>Trichometra cubensis</i> | Antedonidae | |
| Sea Squirts (SSX – Ascidiacea) | <i>Boltenia ovifera</i> | Pyuridae | WBO |
| | <i>Halocynthia aurantium</i> | Pyuridae | |
| Unlikely to be observed in trawls; <i>in situ</i> observations only: | | | |
| Large xenophyophores | <i>Syringamina</i> sp. | Syringamminidae | |

2. Point 5 is replaced by the following:

“(5) Format prescribed in Annex II.C to the CEM referred to in point (a) of Article 4 (2) of Regulation (EU) 2019/833

Vessel Notification and Authorisation

(1) Format for register of vessels

| Data Element | Code | Mandatory/Optional | Remarks |
|------------------------------|------|--------------------|--|
| Start record | SR | M | System detail; indicates start of record |
| Address | AD | M | Message detail; destination, “XNW” for NAFO Secretariat |
| From | FR | M | Message detail; ISO-3 code of the transmitting Contracting Party |
| Record Number | RN | M | Message detail; message serial number in current year |
| Record Date | RD | M | Message detail; date of transmission |
| Record Time | RT | M | Message detail; time of transmission |
| Type of Message | TM | M | Message detail; message type, “ NOT ” as Notification of vessels that may conduct fishing activities in NAFO RA |
| Vessel Name | NA | M | Name of the vessel |
| Radio Call Sign | RC | M | International radio call sign of the vessel |
| Flag State | FS | M | State where the vessel is registered |
| Internal Reference Number | IR | O ¹ | Unique Contracting Party vessel number as ISO-3 flag State code followed by number |
| External Registration Number | XR | M | The side number of the vessel |
| Vessel IMO Number | IM | M | IMO number |
| Port Name | PO | M | Port of registration or home port |

| | | | |
|---|----|----------------|---|
| Vessel Owner | VO | M ² | Registered owner and address |
| Vessel Charterer | VC | M ² | Responsible for using the vessel |
| Vessel Type | TP | M | FAO vessel code (Annex II.I) |
| Vessel Gear | GE | O | FAO statistical classification of fishing gear (Annex II.J) |
| Vessel Tonnage measurement method tonnage | VT | M | Vessel tonnage capacity in pairs as needed "OC" = "OSLO" Convention 1947, "LC" "London" Convention ICTM-69 Total capacity in metric tons |
| Vessel length measurement method length | VL | M | Length in meters in pairs as needed "OA" = overall; length in meters |
| Vessel Power measurement method power | VP | M | Engine power in pairs as needed in "KW" PE = propulsion engine AE= Auxiliary summary engines Total installed engine power in vessel measured in "KW" |
| End of record | ER | M | System detail; indicates end of the record |

¹ Mandatory when used as a single identification in other messages.

² Whichever one is appropriate.

(2) Format for withdrawal of vessels from the register

| Data Element | Code | Mandatory/Optional | Remarks |
|------------------------------|------|--------------------|---|
| Start record | SR | M | System detail; indicates start of record |
| Address | AD | M | Message detail; destination, "XNW" for NAFO Secretariat |
| From | FR | M | Message detail; ISO-3 code of the transmitting Contracting Party |
| Record Number | RN | M | Message detail; message serial number in current year |
| Record Date | RD | M | Message detail; date of transmission |
| Record Time | RT | M | Message detail; time of transmission |
| Type of Message | TM | M | Message detail; message type, "WIT" as Withdrawal of notified vessels |
| Vessel Name | NA | M | Name of the vessel |
| Radio Call Sign | RC | M | International radio call sign of the vessel |
| Internal Reference Number | IR | O | Unique Contracting Party vessel number as ISO-3 flag State code followed by number, if exists |
| External Registration Number | XR | M | The side number of the vessel |
| Vessel IMO Number | IM | M | IMO number |
| Start Date | SD | M | The first date as from which the withdrawal takes effect |
| End of record | ER | M | System detail; indicates end of the record |

(3) Format for authorisation to conduct fishing activities

| Data Element | Code | Mandatory/Optional | Remarks |
|------------------------------|------|--------------------|---|
| Start record | SR | M | System detail; indicates start of record |
| Address | AD | M | Message detail; destination, "XNW" for NAFO Secretariat |
| From | FR | M | Message detail; ISO-3 code of the transmitting Contracting Party |
| Record Number | RN | M | Message detail; message serial number in current year |
| Record Date | RD | M | Message detail; date of transmission |
| Record Time | RT | M | Message detail; time of transmission |
| Type of Message | TM | M | Message detail; message type, "AUT" as Authorization of vessels to conduct fishing activities in the NAFO RA |
| Vessel Name | NA | M | Name of the vessel |
| Radio Call Sign | RC | M | International radio call sign of the vessel |
| Internal reference Number | IR | O | Unique Contracting Party vessel number as ISO-3 flag State code followed by number, if exists |
| External registration Number | XR | M | The side number of the vessel |
| Vessel IMO Number | IM | M | IMO number |
| Start Date | SD | M | License detail; date as from which the Authorization takes effect |
| End date | ED | O | License detail: Date on which the authorization go to the end. Maximum time validity is 12 months. |
| Targeted species and Area | TA | M ³ | License detail; species and area allowed for directed fishery. Regulated species of Annex I.A or I.B must refer to the stock specification. For unregulated species use Sub Area or division or "ANY". Allow for several pairs of fields. e.g. //TA/GHL 3LMNO COD 3M RED 3LN RED 3M HER ANY// |
| End of record | ER | M | System detail; indicates end of the record |

³ For transport vessels the TA field is optional.

(4) Format to suspend the authorisation to conduct fishing activities

| Data Element | Code | Mandatory/Optional | Remarks |
|---------------------------|------|--------------------|---|
| Start record | SR | M | System detail; indicates start of record |
| Address | AD | M | Message detail; destination, "XNW" for NAFO Secretariat |
| From | FR | M | Message detail; ISO-3 code of the transmitting Contracting Party |
| Record Number | RN | M | Message detail; message serial number in current year |
| Record Date | RD | M | Message detail; date of transmission |
| Record Time | RT | M | Message detail; time of transmission |
| Type of Message | TM | M | Message detail; message type, "SUS" as Suspension of authorized vessels |
| Vessel Name | NA | M | Name of the vessel |
| Radio Call Sign | RC | M | International radio call sign of the vessel |
| Internal Reference Number | IR | O | Unique Contracting Party vessel number as ISO-3 flag State code followed by number, if exists |

| | | | |
|------------------------------|----|---|--|
| External Registration Number | XR | M | The side number of the vessel |
| Vessel IMO Number | IM | M | IMO number |
| Start Date | SD | M | License detail; date as from which the Suspension takes effect |
| End of record | ER | M | System detail; indicates end of the record |

3. Point 11 is replaced by the following:

“(11) Annex I.C to the CEM referred to in point (d) of Article 13 (2), in point (b) of Article 24 (1) and in the second sub-paragraph of Article 25 (6) of Regulation (EU) 2019/833

List of Species¹

| Common English Name | Scientific Name | 3-Alpha Code |
|------------------------------|--------------------------------------|--------------|
| Groundfish | | |
| Atlantic Cod | <i>Gadus morhua</i> | COD |
| Haddock | <i>Melanogrammus aeglefinus</i> | HAD |
| Atlantic redfishes | <i>Sebastes</i> sp. | RED |
| Golden redfish | <i>Sebastes marinus</i> | REG |
| Beaked redfish (deepwater) | <i>Sebastes mentella</i> | REB |
| Acadian redfish | <i>Sebastes fasciatus</i> | REN |
| Silver hake | <i>Merluccius bilinearis</i> | HKS |
| Red hake* | <i>Urophycis chuss</i> | HKR |
| Pollock (=Saithe) | <i>Pollachius virens</i> | POK |
| American plaice | <i>Hippoglossoides platessoides</i> | PLA |
| Witch flounder | <i>Glyptocephalus cynoglossus</i> | WIT |
| Yellowtail flounder | <i>Limanda ferruginea</i> | YEL |
| Greenland halibut | <i>Reinhardtius hippoglossoides</i> | GHL |
| Atlantic halibut | <i>Hippoglossus hippoglossus</i> | HAL |
| Winter flounder | <i>Pseudopleuronectes americanus</i> | FLW |
| Summer flounder | <i>Paralichthys dentatus</i> | FLS |
| Windowpane flounder | <i>Scophthalmus aquosus</i> | FLD |
| Flatfishes (NS) | <i>Pleuronectiformes</i> | FLX |
| American angler (=Goosefish) | <i>Lophius americanus</i> | ANG |
| Atlantic searobins | <i>Prionotus</i> sp. | SRA |
| Atlantic tomcod | <i>Microgadus tomcod</i> | TOM |
| Blue antimora | <i>Antimora rostrata</i> | ANT |
| Blue whiting | <i>Micromesistius poutassou</i> | WHB |
| Cunner | <i>Tautoglabrus adspersus</i> | CUN |
| Cusk (=Tusk) | <i>Brosme brosme</i> | USK |
| Greenland cod | <i>Gadus ogac</i> | GRC |
| Blue ling | <i>Molva dypterygia</i> | BLI |
| Ling | <i>Molva molva</i> | LIN |
| Lumpfish =(Lumpsucker) | <i>Cyclopterus lumpus</i> | LUM |
| Northern kingfish | <i>Menticirrhus saxatilis</i> | KGF |
| Northern puffer | <i>Sphoeroides maculatus</i> | PUF |
| Eelpouts (NS) | <i>Lycodes</i> sp. | ELZ |
| Ocean pout | <i>Macrozoarces americanus</i> | OPT |
| Polar cod | <i>Boreogadus saida</i> | POC |
| Roundnose grenadier | <i>Coryphaenoides rupestris</i> | RNG |
| Roughhead grenadier | <i>Macrourus berglax</i> | RHG |
| Sandeels (=Sand Lances) | <i>Ammodytes</i> sp. | SAN |
| Sculpins | <i>Myoxocephalus</i> sp. | SCU |

¹ If a species is caught that is not found in this list (Annex I.C), then the FAO ASFIS list of species codes should be used. The ASFIS list is found at: <http://www.fao.org/fishery/collection/asfis/en>

| Common English Name | Scientific Name | 3-Alpha Code |
|---------------------------|--------------------------------------|--------------|
| Scup | <i>Stenotomus chrysops</i> | SCP |
| Tautog | <i>Tautoga onitis</i> | TAU |
| Tilefish | <i>Lopholatilus chamaeleonticeps</i> | TIL |
| White hake* | <i>Urophycis tenuis</i> | HKW |
| Longfin hake | <i>Urophycis chesteri</i> | GPE |
| Threebeard rockling | <i>Gaidropsarus ensis</i> | GDE |
| Wolffishes (NS) | <i>Anarhichas</i> sp. | CAT |
| Atlantic wolffish | <i>Anarhichas lupus</i> | CAA |
| Spotted wolffish | <i>Anarhichas minor</i> | CAS |
| Northern wolffish | <i>Anarhichas denticulatus</i> | CAB |
| Groundfish (NS) | | GRO |
| Pelagics | | |
| Atlantic herring | <i>Clupea harengus</i> | HER |
| Atlantic mackerel | <i>Scomber scombrus</i> | MAC |
| Atlantic butterfish | <i>Peprilus triacanthus</i> | BUT |
| Atlantic menhaden | <i>Brevoortia tyrannus</i> | MHA |
| Atlantic saury | <i>Scomberesox saurus</i> | SAU |
| Bay anchovy | <i>Anchoa mitchilli</i> | ANB |
| Bluefish | <i>Pomatomus saltatrix</i> | BLU |
| Crevalle jack | <i>Caranx hippos</i> | CVJ |
| Frigate tuna | <i>Auxis thazard</i> | FRI |
| King mackerel | <i>Scomberomourus cavalla</i> | KGM |
| Atlantic Spanish mackerel | <i>Scomberomourus maculatus</i> | SSM |
| Sailfish | <i>Istiophorus platypterus</i> | SAI |
| White marlin | <i>Tetrapturus albidus</i> | WHM |
| Blue marlin | <i>Makaira nigricans</i> | BUM |
| Swordfish | <i>Xiphias gladius</i> | SWO |
| Albacore tuna | <i>Thunnus alalunga</i> | ALB |
| Atlantic bonito | <i>Sarda sarda</i> | BON |
| Little tunny | <i>Euthynnus alletteratus</i> | LTA |
| Bigeye tunny | <i>Thunnus obesus</i> | BET |
| Northern bluefin tuna | <i>Thunnus thynnus</i> | BFT |
| Skipjack tuna | <i>Katsuwonus pelamis</i> | SKJ |
| Yellowfin tuna | <i>Thunnus albacares</i> | YFT |
| Tunas (NS) | <i>Scombridae</i> | TUN |
| Pelagic fish (NS) | | PEL |
| Other Fish | | |
| Alewife | <i>Alosa pseudoharengus</i> | ALE |
| Amberjacks | <i>Seriola</i> sp. | AMX |
| American conger | <i>Conger oceanicus</i> | COA |
| American eel | <i>Anguilla rostrata</i> | ELA |
| Atlantic hagfish | <i>Myxine glutinosa</i> | MYG |
| American shad | <i>Alosa sapidissima</i> | SHA |
| Argentines (NS) | <i>Argentina</i> sp. | ARG |
| Atlantic croaker | <i>Micropogonias undulatus</i> | CKA |
| Atlantic needlefish | <i>Strongylura marina</i> | NFA |
| Atlantic salmon | <i>Salmo salar</i> | SAL |
| Atlantic silverside | <i>Menidia menidia</i> | SSA |
| Atlantic thread herring | <i>Opisthonema oglinum</i> | THA |
| Baird's slickhead | <i>Alepocephalus bairdii</i> | ALC |
| Black drum | <i>Pogonias cromis</i> | BDM |
| Black seabass | <i>Centropristis striata</i> | BSB |
| Blueback herring | <i>Alosa aestivalis</i> | BBH |
| Capelin | <i>Mallotus villosus</i> | CAP |
| Chars (NS) | <i>Salvelinus</i> sp. | CHR |
| Cobia | <i>Rachycentron canadum</i> | CBA |
| Common (Florida) pompano | <i>Trachinotus carolinus</i> | POM |
| Gizzard shad | <i>Dorosoma cepedianum</i> | SHG |
| Grunts (NS) | <i>Pomadasyidae</i> | GRX |
| Hickory shad | <i>Alosa mediocris</i> | SHH |
| Lanternfish | <i>Notoscopelus</i> sp. | LAX |

| Common English Name | Scientific Name | 3-Alpha Code |
|-------------------------------------|--------------------------------------|--------------|
| Mullets (NS) | <i>Mugilidae</i> | MUL |
| North atlantic harvestfish | <i>Peprilus alepidotus (=paru)</i> | HVF |
| Pigfish | <i>Orthopristis chrysoptera</i> | PIG |
| Rainbow smelt | <i>Osmerus mordax</i> | SMR |
| Red drum | <i>Sciaenops ocellatus</i> | RDM |
| Red porgy | <i>Pagrus pagrus</i> | RPG |
| Rough scad | <i>Trachurus lathami</i> | RSC |
| Sand perch | <i>Diplectrum formosum</i> | PES |
| Sheepshead | <i>Archosargus probatocephalus</i> | SPH |
| Spot croaker | <i>Leiostomus xanthurus</i> | SPT |
| Spotted weakfish | <i>Cynoscion nebulosus</i> | SWF |
| Squeteague (Gray Weakfish) | <i>Cynoscion regalis</i> | STG |
| Striped bass | <i>Morone saxatilis</i> | STB |
| Sturgeons (NS) | <i>Acipenseridae</i> | STU |
| Tarpon | <i>Tarpon (=megalops) atlanticus</i> | TAR |
| Trouts (NS) | <i>Salmo sp.</i> | TRO |
| White perch | <i>Morone americana</i> | PEW |
| Alfonsinos (NS) | <i>Beryx sp.</i> | ALF |
| Spiny (=picked) dogfish | <i>Squalus acantias</i> | DGS |
| Dogfishes (NS) | <i>Squalidae</i> | DGX |
| Sand Tiger shark | <i>Odontaspis taurus</i> | CCT |
| Porbeagle | <i>Lamna nasus</i> | POR |
| Shortfin mako shark | <i>Isurus oxyrinchus</i> | SMA |
| Dusky shark | <i>Carcharhinus obscurus</i> | DUS |
| Great Blue shark | <i>Prionace glauca</i> | BSH |
| Large sharks (NS) | <i>Squaliformes</i> | SHX |
| Atlantic Sharpnose shark | <i>Rhizoprionodon terraenova</i> | RHT |
| Black Dogfish | <i>Centroscyllium fabricii</i> | CFB |
| Boreal (Greenland) shark | <i>Somniosus microcephalus</i> | GSK |
| Basking shark | <i>Cetorhinus maximus</i> | BSK |
| Skates (NS) | <i>Raja sp.</i> | SKA |
| Little skate | <i>Leucoraja erinacea</i> | RJD |
| Arctic skate | <i>Amblyraja hyperborea</i> | RJG |
| Barndoor skate | <i>Dipturus laevis</i> | RJL |
| Winter skate | <i>Leucoraja ocellata</i> | RJT |
| Thorny skate (Starry Ray) | <i>Amblyraja radiata</i> | RJR |
| Smooth skate | <i>Malcoraja senta</i> | RJS |
| Spinytail skate (Spinetail Ray) | <i>Bathyraja spinicauda</i> | RJQ |
| Finfishes (NS) | | FIN |
| Invertebrates | | |
| Long-finned squid (<i>Loligo</i>) | <i>Loligo pealei</i> | SQL |
| Short-finned squid (<i>Illex</i>) | <i>Illex illecebrosus</i> | SQI |
| Squids (NS) | <i>Loliginidae, Ommastrephidae</i> | SQU |
| Atlantic razor clam | <i>Ensis directus</i> | CLR |
| Hard clam | <i>Mercenaria mercenaria</i> | CLH |
| Ocean quahog | <i>Arctica islandica</i> | CLQ |
| Soft clam | <i>Mya arenaria</i> | CLS |
| Surf clam | <i>Spisula solidissima</i> | CLB |
| Stimpson's surf clam | <i>Spisula polynyma</i> | CLT |
| Clams (NS) | <i>Prionodesmacea, Teleodesmacea</i> | CLX |
| Bay scallop | <i>Argopecten irradians</i> | SCB |
| Calico scallop | <i>Argopecten gibbus</i> | SCC |
| Iceland scallop | <i>Chlamys islandica</i> | ISC |
| Sea scallop | <i>Placopecten magellanicus</i> | SCA |
| Scallops (NS) | <i>Pectinidae</i> | SCX |
| American cupped oyster | <i>Crassostrea virginica</i> | OYA |
| Blue mussel | <i>Mytilus edulis</i> | MUS |
| Whelks (NS) | <i>Busycon sp.</i> | WHX |
| Periwinkles (NS) | <i>Littorina sp.</i> | PER |
| Marine molluscs (NS) | <i>Mollusca</i> | MOL |
| Atlantic rock crab | <i>Cancer irroratus</i> | CRK |

| Common English Name | Scientific Name | 3-Alpha Code |
|---------------------------|-------------------------------|--------------|
| Blue crab | <i>Callinectes sapidus</i> | CRB |
| Green crab | <i>Carcinus maenas</i> | CRG |
| Jonah crab | <i>Cancer borealis</i> | CRJ |
| Queen crab | <i>Chionoecetes opilio</i> | CRQ |
| Red crab | <i>Geryon quinqueedens</i> | CRR |
| Stone king crab | <i>Lithodes maia</i> | KCT |
| Marine crabs (NS) | Reptantia | CRA |
| American lobster | <i>Homarus americanus</i> | LBA |
| Northern prawn | <i>Pandalus borealis</i> | PRA |
| Aesop shrimp | <i>Pandalus montagui</i> | AES |
| Penaeus shrimps (NS) | <i>Penaeus</i> sp. | PEN |
| Pink (=Pandalid) shrimps | <i>Pandalus</i> sp. | PAN |
| Marine crustaceans (NS) | Crustacea | CRU |
| Sea-urchin | <i>Strongylocentrotus</i> sp. | URC |
| Marine worms (NS) | <i>Polycheata</i> | WOR |
| Horseshoe crab | <i>Limulus polyphemus</i> | HSC |
| Marine invertebrates (NS) | Invertebrata | INV |

*In accordance with a recommendation adopted by STACRES at the 1970 Annual Meeting (ICNAF Redbook 1970, Part I, Page 67), hakes of the Genus *Urophycis* are designated as follows for statistical reporting: (a) hake reported from Subareas 1, 2, and 3, and Divisions 4R, S, T and V be designated as white hake, *Urophycis tenuis*; (b) hake taken by line gears or any hake greater than 55 cm standard length, regardless of how caught, from Divisions 4W and X, Subarea 5 and Statistical Area 6 be designated as white hake, *Urophycis tenuis*; (c) except as noted in (b), other hake of the Genus *Urophycis* taken in Divisions 4W and X, Subarea 5 and Statistical Area 6 be designated as red hake, *Urophycis chuss*".

4. Point 12 is replaced by the following:

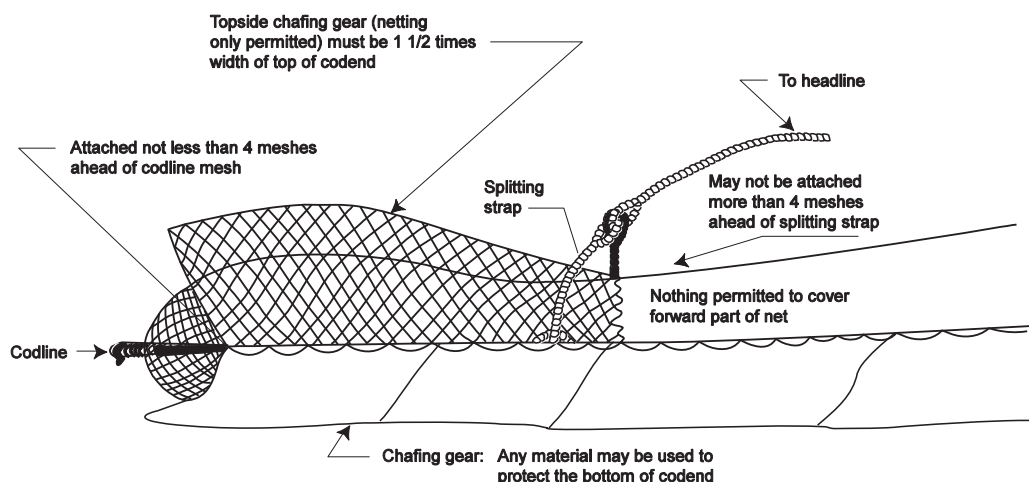
“(12) Annex III.B to the CEM referred to in Article 14 (2) and (3) of Regulation (EU) 2019/833

Authorised Topside Chafers/Shrimp Toggle Chains

(1) ICNAF-type topside chafer

The ICNAF-type topside chafer is a rectangular piece of netting to be attached to the upper side of the codend of the trawl net to reduce and prevent damage so long as such netting conforms to the following conditions:

- (a) this netting shall have a mesh size not less than that specified for the codend in Article 13;
- (b) this netting may be fastened to the codend only along the forward and lateral edges of the netting and at no other place in it, and shall be fastened in such a manner that it extends forward of the splitting strap no more than four meshes and ends not less than four meshes in front of the cod line mesh; where a splitting strap is not used, the netting shall not extend to more than one-third of the codend measured from not less than four meshes in front of the cod line mesh;
- (c) the width of this netting shall be at least one and a half times the width of the area of the codend which is covered, such widths to be measured at right angles to the long axis of the codend.



Legend:

Topside chafing gear (netting only permitted) must be 1 1/2 times width of top of codend =
Topside chafing gear (netting only permitted) must be 1 1/2 times width of top of codend

Attached not less than 4 meshes ahead of codline mesh = Attached not less than 4 meshes
ahead of codline mesh

Splitting strap = Splitting strap

To headline = To headline

May not be attached more than 4 meshes ahead of splitting strap = May not be attached more than 4 meshes ahead of splitting strap

Nothing permitted to cover forward part of net = Nothing permitted to cover forward part of net

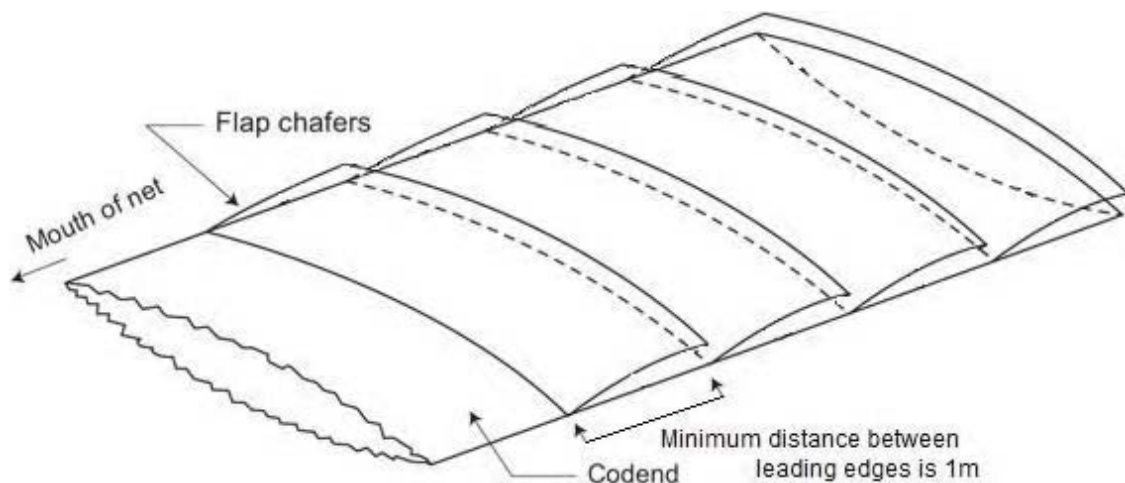
Codline = Codline

Chafing gear: Any material may be used to protect the bottom of codend = Chafing gear: Any material may be used to protect the bottom of codend

(2) Multiple flap-type topside chafer

The multiple flap-type topside chafer is defined as pieces of netting having in all their parts meshes the size of which is not less than that of the codend, provided that:

- (a) each piece of netting
- is fastened a minimum of one meter apart by its leading edge across the codend at right angles to its long axis;
 - does not overlap the leading edge of the next piece of netting (see illustration following this provision);
 - is of a width of at least the width of the codend (such width being measured at right angles to the long axis of the codend at the point of attachment); and
 - is constructed of a positively buoyant single twine material; and
- (b) the aggregate length of all the pieces of netting so attached does not exceed two-thirds of the length of the codend.



Legend:

Mouth of net = Mouth of net

Flap chafers = Flap chafers

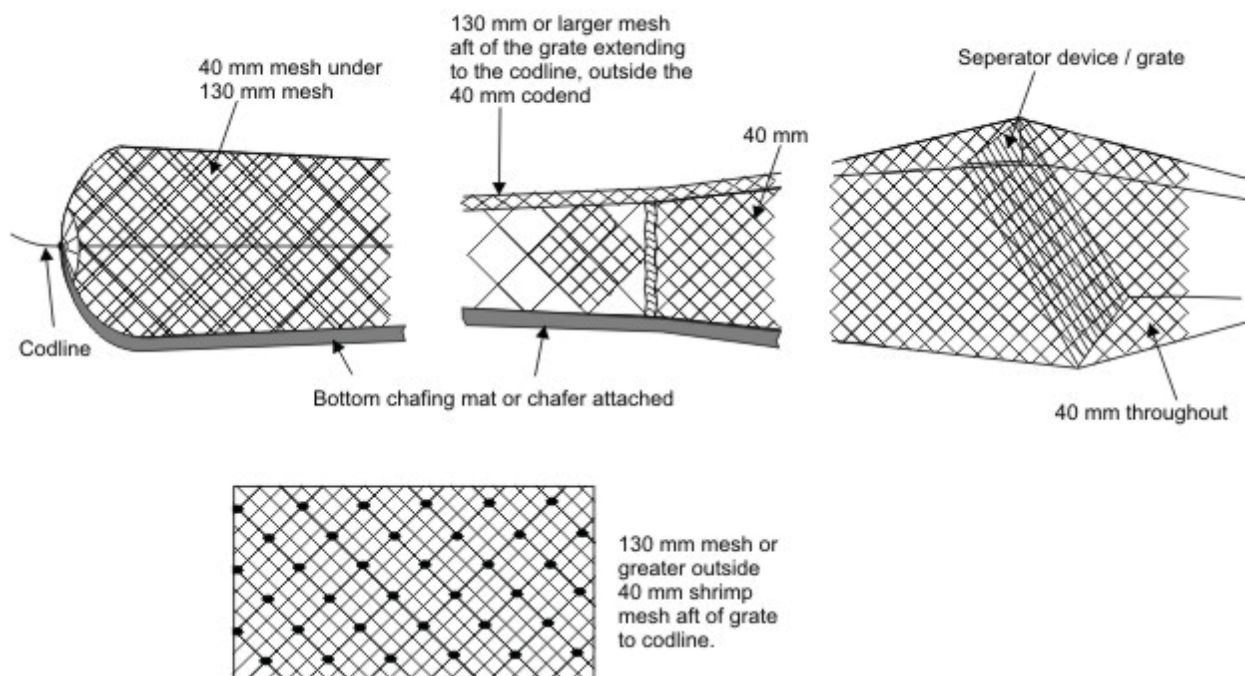
Codend = Codend

Minimum distance between leading edges is 1m = Minimum distance between leading edges is 1m

(3) Shrimp Trawl – Codend Strengthening Bag, for vessels directing for shrimp in the NRA

A strengthening bag is defined as an outer covering of netting that can be used on a shrimp trawl to protect and provide strength to the codend of the shrimp trawl.

- (a) Vessels shall not use a strengthening bag of which the mesh size is less than 130 millimetres.
- (b) The strengthening bag shall not extend forward of the sorting grids or grates or obstruct the sorting grids or grates in any way.
- (c) A strengthening bag shall not be attached in any way that restricts the authorized mesh or obstructs the mesh opening.
- (d) Vessels shall not use a strengthening bag with any other top-side chafers simultaneously.



Legend:

40 mm mesh under 130 mm mesh = 40 mm mesh under 130 mm mesh

130 mm or larger mesh aft of the grate extending to the codline, outside the 40 mm codend =
130 mm or larger mesh aft of the grate extending to the codline, outside the 40 mm codend

Separator device/grate = Separator device/grate

Codline = Codline

Bottom chafing mat or chafer attached = Bottom chafing mat or chafer attached

40 mm throughout = 40 mm throughout

130 mm mesh or greater outside 40 mm shrimp mesh aft of grate to codline = 130 mm mesh
or greater outside 40 mm shrimp mesh aft of grate to codline

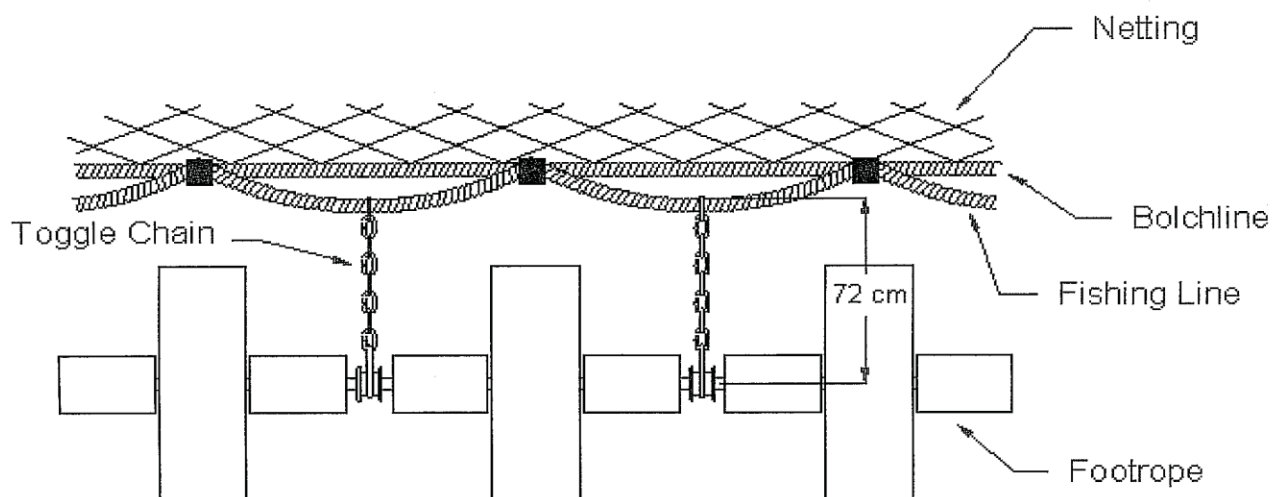
Shrimp Toggle Chains

Toggle chains are chains, ropes, or a combination of both, which attach the footrope to the fishing line or bolchline at varying intervals.

The terms “fishing line “and “bolchline” are interchangeable. Some vessels use one line only; others use both a fishing line and a bolchline as shown in the sketch.

The toggle chain length should be measured from the centre of the chain or wire running through the footrope (centre of footrope) to the underside of the fishing line.

The attached sketch shows how to measure the toggle and chain length.



Legend:

Toggle Chain = Toggle Chain

Netting = Netting

Bolchline = Bolchline

Fishing Line = Fishing Line

Footrope = Footrope

“

5. Point 31 is replaced by the following:

“(31) Format for catch report in Annex II.D to the CEM referred to in Article 25 (6) and (8) and in point (b) of Article 26 (9) of Regulation (EU) 2019/833

Data Exchange Format and Protocols

A. Data transmission format

Each data transmission is structured as follows:

- (1) Data characters in accordance with ISO 8859.1
- (2) Each data transmission is structured as follows:
 - double slash (“//”) and the characters “SR” indicate the start of a message;
 - a double slash (“//”) and field code indicate the start of a data element;
 - a single slash (“/”) separates the field code and the data;
 - pairs of data are separated by space;
 - the characters “ER” and a double slash (“//”) at the end indicates the end of a record.

B. Data exchange protocols

Authorized data exchange protocols for electronic transmission of reports and messages between Contracting Parties and the Secretary shall be in accordance with Annex II.B, Rules on Confidentiality.

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

| Category | Data Element | Field code | Type | Contents | Definitions |
|---------------------------|--|------------|-----------------|--------------------------|--|
| System | Start Record | SR | | | Indicates start of the record |
| Details | End Record | ER | | | Indicates end of the record |
| | Return Status | RS | Char*3 | Codes | ACK/NAK = Acknowledged/Not Acknowledged |
| | Return Error Number | RE | Num*3 | 001 - 999 | Codes indicating errors as received at operation centre, see Annex II.D.D(2) |
| Message | Address destination | AD | Char*3 | ISO-3166 Address | Address of the party receiving the message, "XNW" for NAFO |
| Details | From | FR | Char*3 | ISO-3166 Address | Address of the transmitting party, (Contracting Party) |
| | Type of Message | TM | Char*3 | Code | Code for the message type |
| | Sequence Number | SQ | Num*6 | NNNNNN | Serial number of messages sent from a vessel to the final destination (XNW). It is unique for each vessel for a calendar year. At the beginning of the current year this value will be reset to 1 for each vessel and will increment at the sending of each message. |
| | Record Number | RN | Num*6 | NNNNNN | Serial number of records sent from the FMC to XNW. It is unique for each FMC for a calendar year. At the beginning of the current year this value will be reset to 1 and will increment at the sending of each record. |
| | Record Date | RD | Num*8 | YYYYMMDD | Year, month and day in UTC from the FMC |
| | Record Time | RT | Num*4 | HHMM | Hours and minutes in UTC from the FMC |
| | Date | DA | Num*8 | YYYYMMDD | Year, month and day in UTC of first transmission. In cases of RET messages first transmission is from the FMC, in all other cases first transmission is from the vessel. |
| | Time | TI | Num*4 | HHMM | Hours and minutes in UTC of first transmission. In cases of RET messages first transmission is from the FMC, in all other cases first transmission is from the vessel. |
| | Cancelled report | CR | Num*6 | NNNNNN | Record Number of the record to be cancelled |
| | Year of the report cancelled | YR | Num*4 | NNNN | Year in UTC of the report to be cancelled |
| Vessel | Radio Call Sign | RC | Char*7 | IRCS Code | International Radio Call Sign of the vessel |
| Registration | Vessel name | NA | Char*30 | | Name of the vessel |
| Details | Ext. registration | XR | Char*14 | | Side Number of the vessel |
| | Flag State | FS | Char*3 | ISO-3166 | State of registration |
| | Contracting Party internal ref. number | IR | Char*3 Num*9 | ISO-3166 +max. 9N | Unique vessel number attributed by the flag State in accordance with registration |
| | Port Name | PO | Char*20 | | Port of registration of the vessel/homeport |
| | Vessel Owner | VO | Char*60 | | Name and address of the vessel owner |
| | Vessel Charterer | VC | Char*60 | | Name and address of the vessel charterer |
| Vessel IMO Number | IMO Number | IM | Num*7 | NNNNNNN | IMO ship identification number |
| Vessel Character. Details | Vessel Tonnage Unit | VT | Char*2 Num*4 | "OC"/"LC" Tonnage | According to: "OC" OSLO 1947 Convention /"LC" LONDON ICTM-69 |
| | Vessel Power Unit | VP | Char*2 Num*5 | 0-99999 | Total main engine power in "KW" |
| | Vessel Length | VL | Char*2 Num*3 | "OA" Length in meters | Unit "OA" length overall. Total length of the vessel in meters, rounded to the |

| Category | Data Element | Field code | Type | Contents | Definitions |
|-----------------------|--------------------------------------|------------|-----------------------|--|---|
| | | | | | nearest whole meter |
| | Vessel Type | TP | Char*3 | Code | As listed in Annex II.I |
| | Fishing Gear | GE | Char*3 | FAO Code | International Standard Statistical Classification of the Fishing Gear as Annex II.J |
| Authorization details | Start Date | SD | Num*8 | YYYYMMDD | Licence detail; date on which the authorization starts |
| | End Date | ED | Num*8 | YYYYMMDD | Licence detail; date on which the authorization ends |
| | Targeted species and Area | TA | Char*3 Char*10 | Stock specifications, FAO Species code and NAFO defined area code or "ANY" | Species and area allowed for directed fishery. Regulated species of Annex I.A or I.B must refer to the stock specification. For unregulated species use Sub Area or division or "ANY". Allow for several pairs of fields. e.g. //TA/GHL 3LMNO COD 3M RED 3LN RED 3M HER ANY// |
| Activity Details | Latitude | LA | Char*5 | NDDMM (WGS-84) | e.g. //LA/N6235 = 62°35' North |
| | Longitude | LO | Char*6 | E/WDDMM (WGS-84) | e.g. //LO/W02134 = 21°34' West |
| | Latitude (decimal) | LT | Char*7 | +/-DD.ddd | Value negative if latitude is in the southern hemisphere ¹ (WGS84) |
| | Longitude (decimal) | LG | Char*8 | +/-DDD.ddd | Value negative if longitude is in the western hemisphere ¹ (WGS84) |
| | Trip Number | TN | Num*3 | 001-999 | Number of the fishing trip in current year |
| | Catch Species Quantity | CA | Char*3 Num*7 | FAO species code 0-9999999 | Daily catch by species and by Division, retained on board, in kilograms live weight |
| | Quantity onboard Species Quantity | OB | Char*3 Num*7 | FAO species code 0-9999999 | Total quantity by species on board the vessel at the moment of sending the hail message concerned in kilograms live weight |
| | Discard Species Quantity | RJ | Char*3 Num*7 | FAO species code 0 - 9999999 | Catch discarded by species and by Division in kilograms live weight |
| | Undersize Species Quantity | US | Char*3 Num*7 | FAO species code 0 - 9999999 | Undersize catch by species and by Division in kilograms live weight |
| | Transferred species Species Quantity | KG | Char*3 Num*7 | FAO species code 0-9999999 | Information concerning the quantities transferred between vessels by species in kilograms live weight rounded to the nearest 100 Kg. whilst operating in the R.A. |
| | Relevant Area | RA | Char*6 | ICES/NAFO Codes | Code for the relevant fishing area |
| | Directed Species | DS | Char*3 | FAO species codes | Code for the species for which the vessel directed as per Article 5.2. Allow for several species, separated by a space. e.g. //DS/species species species// |
| | Observer on board | OO | Char*1 | Y or N | Presence of a compliance observer on board |
| | Transhipped From | TF | Char*7 | IRCS Code | International Radio Call Sign of the donor vessel |
| | Transhipped To | TT | Char*7 | IRCS Code | International Radio Call Sign of the receiving vessel |
| Master Name | MA | Char*30 | | Name of the vessels master | |
| Coastal State | CS | Char*3 | ISO-3166 3 Alpha Code | Coastal State of Port of Landing | |

| Category | Data Element | Field code | Type | Contents | Definitions |
|----------|-------------------------|------------|----------|-------------------|--|
| | Predicted Date | PD | Num*8 | YYYYMMDD | Estimated date UTC when the master intends to be in port |
| | Predicted Time | PT | Num*4 | HHMM | Estimated time UTC when the master intends to be in port |
| | Port Name | PO | Char*20 | | Name of the actual port of landing |
| | Speed | SP | Num*3 | Knots*10 | e.g. //SP/105 = 10.5 knots |
| | Course | CO | Num*3 | 360° degree scale | e.g. //CO/270 = 270 |
| | Chartering Flag Catches | CH | Char*3 | ISO-3166 | Flag of Chartering Contracting Party |
| | Area of Entry | AE | Char*6 | ICES/NAFO Codes | NAFO Division entering into |
| | Days fished | DF | Num*3 | 1-365 | Number of days the vessel spent in the fishing zone during the trip. |
| | Apparent Infringement | AF | Char*1 | Y or N | For onboard observer to report his observations |
| | Mesh Size | ME | Num*3 | 0 – 999 | Average mesh size in millimetres |
| | Production | PR | Char*3 | Code | Code for the production Annex II.K |
| | Logbook | LB | Char*1 | Y or N | For onboard observer to confirm the entries in the vessels logbook |
| | Hails | HA | Char*1 | Y or N | For onboard observer to confirm the hails sent from the vessel |
| | Observer Name | ON | Char*30 | Text | Name of the onboard observer |
| | Free Text | MS | Char*255 | Text | Activity detail; for further comments by observer |

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

D. 1) Structure of reports and messages as laid down in Annex II.E and Annex II.F when forwarded by Contracting Parties to the Secretary.

Where appropriate, each Contracting Party shall retransmit to the Secretary reports and messages received from its vessels in accordance with Articles 28 and 29; subject to the following amendments:

- (a) the address (AD) shall be replaced by the address of the Secretary (XNW)
- (b) the data elements “record date” (RD), “record time” (RT), “record number” (RN) and “from” (FR) shall be inserted.

D. 2) Return messages.

If a Contracting Party so requests, the Secretary shall send a return message every time an electronic transmission of a report or message is received.

A) Return message format:

| Data Element | Field Code | Mandatory/Optional | Remarks |
|-----------------|------------|--------------------|---|
| Start Record | SR | M | System detail; indicates start of record |
| Address | AD | M | Message detail; destination, Contracting Party sending the report |
| From | FR | M | Message detail; XNW is NAFO (who is sending the return message) |
| Type of message | TM | M | Message detail; message type RET for return message |
| Radio call sign | RC | O | Reporting detail; international radio call sign of the |

| | | | |
|---------------------|----|---|---|
| | | | vessel, copied from the report which is received. |
| Sequence number | SQ | O | Reporting detail; serial number of the report from the vessel in the relevant year, copied from the report which is received. |
| Return Status | RS | M | Reporting detail; code showing whether the message is acknowledged or not (ACK or NAK) |
| Return error number | RE | O | Reporting detail; number showing the type of error. See table B) for return error numbers. |
| Record number | RN | M | Reporting detail; record number of the message which is received |
| Date | DA | M | Message detail; date of transmission |
| Time | TI | M | Message detail; time of transmission |
| End of Record | ER | M | System detail; indicates end of the record |

B) Return error numbers

| Subject/Article | Errors Numbers | | | Error Cause |
|-----------------|---|--|---|---|
| | Rejected (NAK) Follow up action required | Accepted and Stored (ACK) Follow up action required | Accepted and Stored (ACK) with warning | |
| Communication | 101 | | | Message is unreadable |
| | 102 | | | Data value or size out of range |
| | 104 | | | Mandatory data missing |
| | 105 | | | This report is a duplicate; attempt to re-send a report previously rejected |
| | 106 | | | Unauthorized data source |
| | | | 150 | Sequence error |
| | | | 151 | Date/Time in the future |
| | | | 155 | This report is a duplicate; attempt to re-send a report previously accepted |
| Article 25 | | | 250 | Attempt to re-Notify a vessel |
| | | 251 | | Vessel is not Notified |
| | | 252 | | Species not AUT or SUS |
| Article 28 | | 301 | | Catch prior to Catch on Entry |
| | | 302 | | Transshipment prior to Catch on Entry |
| | | 303 | | Catch on Exit prior to Catch on Entry |
| | | 304 | | No position received (CAT, TRA, COX) |
| | | | 350 | Position without Catch on Entry |

E. Types of reports and messages

| Annex | Provisions | Code | Message / Report | Remarks |
|--------|--|---|--|---|
| II.C | Article 25.1a | NOT | Notification | Notification of fishing vessels |
| II.C | Article 25.1b | WIT | Withdrawal | Notification of the withdrawal of a registered vessel |
| II.C | Article 25.5a | AUT | Authorization | Notification of vessels authorized to conduct fishing activities in the R.A. |
| II.C | Article 25.5b | SUS | Suspension | Notification of the suspension of an authorization to conduct fishing activities in the Regulatory Area, within its initial period of validity |
| II.E | Article 29.2 Article 29.8 | ENT POS EXI MAN | Entry Position Exit Manual position | VMS messages Reports transmitted by fishing vessels with a defective satellite tracking device to the Contracting Party |
| II.F | Article 28.6(a) Article 28.6(c) Article 28.6(d) Article 28.6(e) Article 28.6(f) Article 28.6(b) Article 28.6 | COE CAT COB TRA POR COX CAN | Catch on Entry Catch Cross boundary Transshipment Port of Landing Catch on Exit Cancel | Report transmitted by fishing vessels, prior to entering the R.A. Catch report daily, for all species by Division Catch report prior to crossing boundary to 3L Report on quantities on-loaded or off-loaded in the R.A. Report on catch onboard and weight to be landed Report transmitted by fishing vessels, prior to leaving the R.A. Report for cancellation of a report set out in the Article 28.6 |
| II.D.D | Article 29.10(a) Article 28.9(c) | RET | Return | Automatic electronic message in accordance with reception of records |
| II.G. | Article 30.14(e) | OBR | Observer | Daily Observer report |

“

6. Point 32 is replaced by the following:

“(32) Format for cancellation of catch report in Annex II.F to the CEM referred to in Article 25 (6) and (7) of Regulation (EU) 2019/833

“CANCEL” report

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

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

¹ Cancel report should not be used to cancel other Cancel report.

² If the report is not sent from a vessel the time will be from the FMC and be the same as RD, RT.

“

7. Point 35 is replaced by the following:

“(35) Observer report in Annex II.M to the CEM referred to in point (a) of Article 27 (11) Regulation (EU) 2019/833

Standardised Observer Report Template

Part 1. A - Fishing Vessel – Fishing Trip and Observer Information

| Fishing Vessel information | |
|--|--|
| Vessel Name | |
| Vessel Radio Call Sign | |
| Flag State | |
| External Registration number | |
| Vessel IMO number | |
| Vessel Length (m) | |
| Vessel Gross Tonnage | |
| Engine Power (indicate HP or KW) | |
| Vessel Type | |
| Total Frozen Hold Capacity (m ³) | |
| Fish Meal Hold Capacity (m ³) | |
| Other Hold Capacity (m ³) | |

| Trip information | |
|------------------------------|--|
| Fishing Master's Name | |
| Trip Number | |
| Number of Crew | |
| Directed Species | |
| Date of Entry into NRA (ENT) | |
| Date of Exit from NRA (EXI) | |
| NAFO Division/s visited | |
| Other Area/s visited | |
| Transshipment | |
| Port of Landing | |

| Observer information | |
|-----------------------------|--|
| Observer's Name | |
| Observation Date Started | |
| Observation Date Ended | |
| Date of Report | |

| Comments |
|-----------------|
| |

Part 1.B - Fishing Gear Information

| Trawl Gear | | | | | | | | | | | | | | | | | | | |
|-------------------|-----------|-----------|----------------|-----|---------|------|-----|---------|-------------------|-----|---------|--------|-----|-------------|---------------|-------------------|----------|---------------------------------------|---------------|
| Gear | Gear Type | Gear Make | Mesh Size (mm) | | | | | | | | | | | Attachments | Grate Spacing | Straps (Describe) | Comments | | |
| | | | Wings | | | Body | | | Lengthening Piece | | | Codend | | | | | | Measured by observer/inspector/master | Date measured |
| | | | High | Low | Average | High | Low | Average | High | Low | Average | High | Low | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | |

| Longline | | | | | | | | | | | |
|-----------------|-----------|--------------|--------|---------------------|-----------|-----------|---------------------|----------------|--------------------|--------------------|----------|
| Gear | Gear Type | Total Length | Hooks | | | Hook size | Buoys Marked yes/no | Anchors Number | Main line material | Bait line material | Comments |
| | | | Number | Average spacing (m) | Hook type | | | | | | |
| 1 | | | | | | | | | | | |
| 2 | | | | | | | | | | | |
| 3 | | | | | | | | | | | |
| ... | | | | | | | | | | | |

Part 2. Catch and effort information by tow/set/

| Tow /Set type | STARTS* | | | | | | FINISH* | | | | | | Duration** | Species (FAO 3-alpha Species Code***) | Directed Species (Yes or no) | Product Form | Observers Estimates | | |
|---------------|---------------|--------------------|---------------------|-----------|-------------------|------------------|---------------|--------------------|---------------------|-----------|-------------------|------------------|------------|---------------------------------------|------------------------------|--------------|---------------------------------|---------------------------|----------------------------|
| | NAFO Division | Latitude (decimal) | Longitude (decimal) | Depth (m) | Time (UTC) (HHMM) | Date (YYYYM MDD) | NAFO Division | Latitude (decimal) | Longitude (decimal) | Depth (m) | Time (UTC) (HHMM) | Date (YYYYM MDD) | | | | | Observer Conversion Factor Used | Retained (kg live weight) | Discarded (kg live weight) |
| 1 | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | |

* In the case of trawl fisheries, start is the time at the end of setting, finish is the time at the start of gear retrieval. In any other case, start is the time at the start of gear setting, finish is the end of gear retrieval.

** Decimal hours. In the case of trawl fisheries, the time from the end of setting to the start of gear retrieval. In any other case, the time from the start of gear setting to the end of retrieval.

*** Including VMEs indicators

| Vessel Conversion Factor Used | Vessel Fishing Logbook | | Vessel Production Logbook | | Discrepancy Identified? (Yes/no) | Discrepancy Details | Comments |
|-------------------------------|---------------------------|----------------------------|---------------------------|--|----------------------------------|---------------------|----------|
| | Retained (kg live weight) | Discarded (kg live weight) | Retained (kg) | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Part 3. Compliance Information

Enter observation on:

| Observations | Details |
|--|---------|
| Any instance of obstruction, intimidation, interference with or otherwise prevention of the observer from performing his/her duties. | |
| Discrepancies between stowage and stowage plan (As Art 30.14.b) | |
| Functioning of the satellite tracking device (report all interruptions, interference and malfunctions) | |
| Transshipments (report all) | |
| Undersized fish catches | |
| At-Sea Inspections (report dates, times and any other observation) | |
| Any other observation | |

Part 4. Effort and Catch Summary

4A. Effort Summary

| Effort Summary Table | | | | | | | | | |
|----------------------|-----------|-------------------|-------|--------|--------------------|-----------|---------|----------------|-----------------|
| NAFO Division | Gear Type | Directed Species* | Date | | Number of Tow/sets | Depth (m) | | Hours fished** | Fishing Days*** |
| | | | Start | Finish | | Minimum | Maximum | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

* As per CEM Article 5.2

** In the case of trawl fisheries, fishing time is the time from the end of setting to the start of gear retrieval. In any other case, fishing time is the time from the start of gear setting to the end of retrieval. Summed haul duration for all hauls in the listed division, by gear type and directed species

*** As per CEM Article 1.6

Part 6. Length Frequency Form

| | | | | | |
|-------------------------|--|--|--|--|--|
| Observer's Name | | | | | |
| Vessel Call Sign | | | | | |
| Trip Number | | | | | |

| | | | | | |
|---|--|--|--|--|--|
| Year | | | | | |
| Month | | | | | |
| Day | | | | | |
| Gear number | | | | | |
| Tow/Set Number | | | | | |
| Species 3 alpha code | | | | | |
| Catch weight (kg live weight) | | | | | |
| Sample Type (discard, retained, mix) | | | | | |

| | | | | | |
|--|--|--|--|--|--|
| Sample Weight in kg live weight | | | | | |
| Min Size | | | | | |
| Max Size | | | | | |
| Sex | | | | | |
| Total Number of Samples (n=) | | | | | |
| Meas. Convention (TL, SL, FL, etc.) | | | | | |
| Measure Type | | | | | |
| Unit (mm or cm) | | | | | |
| Comments | | | | | |

| Size between | Number | Number | Number | Number | Number |
|---------------------|---------------|---------------|---------------|---------------|---------------|
| 9.5-10.0 | | | | | |
| 10.0-10.5 | | | | | |
| 10.5-11.0 | | | | | |
| 11.0-11.5 | | | | | |
| 11.5-12.0 | | | | | |
| 12.0-12.5 | | | | | |
| 12.5-13.0 | | | | | |
| ... | | | | | |
| ... | | | | | |
| ... | | | | | |
| 97.0-97.5 | | | | | |
| 97.5-98.0 | | | | | |
| 98.0-98.5 | | | | | |
| 98.5-99.0 | | | | | |
| 99.0-99.5 | | | | | |
| 99.5-100.0 | | | | | |
| 100.0-100.5 | | | | | |
| ... | | | | | |

“

8. Point 36 is replaced by the following:

“(36) Report in Annex II.G to the CEM transmitted daily by the observer as referred to in point (c) of Article 27 (11) of Regulation (EU) 2019/833

Observer Report

| Data Element | Code | Mandatory / Optional | Requirements for the field |
|------------------------|------|----------------------|--|
| Start record | SR | M | System detail; indicates start of record |
| Address | AD | M | Message detail; destination, “XNW” for NAFO |
| Sequence Number | SQ | M | Message detail; message serial number in current year |
| Type of Message | TM | M | Message detail; message type, “OBR” as Observer report |
| Radio call sign | RC | M | Vessel registration detail; international radio call sign of the vessel |
| Fishing Gear | GE | M ¹ | Activity detail; FAO code for fishing gear |
| Directed Species | DS | M ¹ | Activity detail; FAO species code for each directed species since the last OBR report |
| Mesh Size | ME | M ¹ | Activity detail; average mesh size in millimetres |
| Relevant Area | RA | M | Activity detail; NAFO Division |
| Daily Catches | CA | M M | Activity detail; catch retained on board by species and by Division since last OBR report in kilograms rounded to the nearest 100 kilograms. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes) + live weight in kilograms (until 9 digits), with each field separated by a space, e.g. //CA/speciesspaceweightspacspeciespaceweightspacspeiesspaceweight// |
| Discarding | RJ | M ¹ | Activity detail; Catch discarded by species and by Division since last OBR report, in kg rounded to the nearest 100 kg. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes) + live weight in kilograms (until 9 digits), with each field separated by a space, e.g. //RJ/speciesspaceweightspacspeciespaceweightspacspeciespaceweight// |
| Undersize ⁶ | US | M ¹ | Activity detail; Undersize catch by species and by Division since last OBR report, in kg rounded to the nearest 100 kg. Allow for several pairs of fields, consisting of species (FAO 3 alpha codes) + live weight in kilograms (until 9 digits), with each field separated by a space, e.g. //US/speciesspaceweightspacspeciespaceweightspacspeciespaceweight// |
| Logbook | LB | M | Activity detail; “Yes” or “No” ² |
| Hails | HA | M | Activity detail; “Yes” or “No” ³ |
| Apparent Infringements | AF | M | Activity detail; “Yes” or “No” ⁴ |
| Observer Name | ON | M | Message detail; name of the observer signing the report |
| Date | DA | M | Message detail; date of transmission of this report |
| Free Text | MS | O ⁵ | Activity detail; for further comments by the observer |
| Time | TI | M | Message detail; time of transmission of this report |
| End of record | ER | M | System detail; indicates end of the record |

¹ Only to be transmitted if relevant.

² “Yes” if the observer confirms the Logbook entries have been made in accordance with the CEMs.

³ “Yes” if the observer confirms the reports required under Article 13.11, 13.12, and 28.6 have been transmitted in accordance with the CEMs.

⁴ “Yes” if the observer detects a discrepancy with the CEMs.

⁵ Mandatory if “LB” = “No”, or “HA” = “No”, or “AF” = “Yes”.

⁶ Discarded undersized catch reported in the US field should also be included in the quantities expressed in the Discarding (RJ) field.”.

9. Point 41 is replaced by the following:

“(41) Inspection Report in Annex IV.B to the CEM referred to in Article 33 (1), point (a) of Article 34 (2) and point (d) of Article 45 of Regulation (EU) 2019/833

Report of Inspection

THE NORTHWEST ATLANTIC FISHERIES ORGANIZATION

(Inspector: Please use CAPITAL BLOCK LETTERS in BLACK PEN)

(1) INSPECTION VESSEL

| | |
|--|----------------------|
| 1.1 NAME | 1.2 REGISTRATION |
| 1.3 International Radio Call Sign (IRCS) | 1.4 Port of registry |

(2) INSPECTORS (Note if Trainee)

| | |
|------|-------------------|
| NAME | CONTRACTING PARTY |
| | |
| | |
| | |
| | |

(3) INFORMATION ON VESSEL INSPECTED

| | |
|--|-----------------|
| Contracting Party and Port of Registry | |
| Vessel name | Radio Call Sign |
| External number | IMO Number |
| Master's Name | |
| Master's Address (only for infringement) | |
| Owner's name and address | |

| | | | | |
|---------------------------------|-----|-----|------|----------|
| Inspection Vessel Time/Position | UTC | Lat | Long | Division |
| Inspected Vessel Time/Position | UTC | Lat | Long | |

(4) DATE OF LAST SEA INSPECTION

| | |
|------|--|
| DATE | |
|------|--|

(5) DATE AND TIME OF CURRENT INSPECTION

| | | |
|------|--------------------------|-----|
| DATE | TIME OF ARRIVAL ON BOARD | UTC |
|------|--------------------------|-----|

(6) VERIFICATION

| | |
|---|-------------|
| Vessel Documentation | Checked Y/N |
| Certified Drawings or description of fish room and freezers kept on board | Checked Y/N |
| Daily Stowage Plan conforms to Article 28.5 | Checked Y/N |

(7) RECORDING OF FISHING EFFORT AND CATCHES

| | | |
|---|-------------|--------------------|
| Fishing Logbook | Checked Y/N | Electronic / Paper |
| Production Logbook | Checked Y/N | Electronic / Paper |
| Are recordings made in accordance with Article 28 & Annex IIA | Checked Y/N | |
| If not, indicate the inaccurate or missing recording(s) | | |

(8) OBSERVER INFORMATION

| | |
|--|-----|
| Is there a notified Observer present on the vessel | Y/N |
| Observer's name | |
| Observer Contracting Party | |

(9) MESH MEASUREMENT - IN MILLIMETERS

| | |
|-----------|--|
| Gear Type | |
|-----------|--|

Codend (inclusive of lengthener(s), if any)

| | Average Width | | | | | | | | | | Legal Size | |
|---------------------|---------------|--|--|--|--|--|--|--|--|--|------------|--|
| 1 st Net | | | | | | | | | | | | |
| 2 nd Net | | | | | | | | | | | | |

Chafer - Samples of _____ meshes

| | | | | | | | | | | | | |
|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| 1 st Net | | | | | | | | | | | | |
| 2 nd Net | | | | | | | | | | | | |

Rest of Net

| | | | | | | | | | | | | |
|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| 1 st Net | | | | | | | | | | | | |
| 2 nd Net | | | | | | | | | | | | |

(11) RESULT OF INSPECTION OF FISH

11.1. Catches Observed IN THE LAST TOW (if appropriate)

| Duration of the tow | All species taken | Depth of tow | Percentage of each |
|---------------------|-------------------|--------------|--------------------|
| Total tonnes | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

11.2. Catches ON BOARD

| |
|---|
| Inspectors Estimate (tonnes) |
| Inspectors comments on how estimate was calculated: |

| | |
|--------------------|----------|
| Labelling Correct? | Yes / No |
|--------------------|----------|

(12) RESULT OF INSPECTION OF FISH ON BOARD

12.1. Difference from Logbooks

Comment in the case of a difference between the inspector's estimates of the catches on board and the related summaries of catches from the logbooks, note this difference with the percentage

12.2. Infringements

| CEM REFERENCE | NATURE OF INFRINGEMENTS |
|--|-------------------------|
| | |
| Comments: | |
| I acknowledge being informed about the alleged infringements and, if applicable, the placement of seals to secure evidence | |
| DATE: | |
| SIGNATURE of MASTER | |

(13) COMMENTS AND OBSERVATIONS (additional pages can be added as necessary)

Documents inspected following an infringement

| |
|--|
| Comments, statements and/or observations by Inspector(s) |
| Statement of Master's witness(es) |
| Statements of Second Inspector or Witness |

- (14) SIGNATURE OF INSPECTOR IN CHARGE
- (15) NAME AND SIGNATURE OF SECOND INSPECTOR OR WITNESS
- (16) NAME AND SIGNATURE OF MASTER'S WITNESS(ES)
- (17) DATES AND TIMES OF INSPECTION CONCLUSION AND OF DEPARTURE

| | | |
|------------------------------|------|-----|
| INSPECTION CONCLUSION | | |
| DATE | TIME | UTC |

| | | |
|------------------|------|------|
| DEPARTURE | | |
| DATE | TIME | UTC |
| POSITION | Lat | Long |

(18) ACKNOWLEDGEMENT AND RECEIPT OF REPORT BY THE MASTER (additional pages can be added as necessary)

| | |
|--|-----------|
| Comments by the Master of vessel | |
| I, the undersigned, Master of the vessel....., hereby confirm that a copy of this report has been delivered to me on this date. My signature does not constitute acceptance of any part of the contents of the report. | |
| DATE | SIGNATURE |
