COMMISSION DELEGATED REGULATION (EU) 2020/989

of 27 April 2020

amending 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)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) 2019/833 of the European Parliament and of the Council of 20 May 2019 laying down conservation and enforcement measures applicable in the Regulatory Area of the Northwest Atlantic Fisheries Organisation, amending Regulation (EU) 2016/1627 and repealing Council Regulations (EC) No 2115/2005 and (EC) No 1386/2007 ([1]), and in particular Article 50(1)thereof,

Whereas:

(1) The Union is party to the Convention on Future Multilateral Cooperation in the Northwest Atlantic Fisheries (the NAFO Convention), approved by Council Regulation (EEC) No 3179/78 ([2]).

(2) The European Parliament and the Council adopted Regulation (EU) 2019/833 in order to incorporate the NAFO conservation and enforcement measures in Union law.

(3) Article 50 of Regulation (EU) 2019/833 requires the Commission to adopt a delegated act to supplement it with the provisions of and Annexes to the NAFO conservation and enforcement measures referred to in the Annex to that Regulation.

(4) Article 50 of Regulation (EU) 2019/833 also empowers the Commission to adopt delegated acts in accordance with Article 51 to subsequently amend that delegated act.

(5) Commission Delegated Regulation (EU) 2020/124 ([3]) supplemented Regulation (EU) 2019/833 with a number of NAFO conservation and enforcement measures.

(6) The NAFO at its annual meeting in September 2019 amended nine annexes of its conservation and enforcement measures, related to the list of Vulnerable Marine Ecosystems (VME) indicator species (Part VI of Annex I.E), the vessel notification and authorisation formats (Annex II.C), the list of species (Annex I.C), the authorised topside chafers/shrimp toggle chains (Annex III.B), the format of the catch report (Annex II.D), the format of the cancellation catch report (Annex II.F), the standardised observer report template (Annex II.M), the observer report (Annex II.G), the inspection report (Annex IV.B). These annexes become binding on the Union on 3 December 2019.

(7) These changes should also be incorporated into Union law. Therefore, Delegated Regulation (EU) 2020/124 should be amended accordingly,

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([1]) OJ L 141, 28.5.2019, p. 1.

([2]) Council Regulation (EEC) No 3179/78 of 28 December 1978 concerning the conclusion by the European Economic Community of the Convention on Future Multilateral Cooperation in the Northwest Atlantic Fisheries (OJ L 378, 30.12.1978, p. 1).

([3]) Commission Delegated Regulation (EU) 2020/124 of 15 October 2019 supplementing Regulation (EU) 2019/833 of the European Parliament and of the Council laying down conservation and enforcement measures applicable in the Regulatory Area of the Northwest Atlantic Fisheries Organisation (OJ L 34 I, 6.2.2020, p. 1).

HAS ADOPTED THIS REGULATION:

Article 1

The Annex to Delegated Regulation (EU) 2020/124 is amended in accordance with the Annex to this Regulation.

Article 2

This Regulation shall enter into force on the third day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 27 April 2020.

For the Commission
The President
Ursula VON DER LEYEN

ANNEX

The Annex to Delegated Regulation (EU) 2020/124 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**
Large-Sized Sponges (PFR – Porifera)	*Asconema foliatum*	Rossellidae	ZBA
	Aphrocallistes beatrix	Aphrocallistidae	
	Asbestopluma (Asbestopluma) ruetzleri	Cladorhizidae	ZAB (Asbestopluma)
	Axinella sp.	Axinellidae	
	Chondrocladia grandis	Cladorhizidae	ZHD (Chondrocladia)
	Cladorhiza abyssicola	Cladorhizidae	ZCH (Cladorhiza)
	Cladorhiza kenchingtonae	Cladorhizidae	ZCH (Cladorhiza)
	Craniella spp.	Tetillidae	ZCS (Craniella spp.)
	Dictyaulus romani	Euplectellidae	ZDY (Dictyaulus)
	Esperiopsis villosa	Esperiopsidae	ZEW
	Forcepia spp.	Coelosphaeridae	ZFR
	Geodia barrette	Geodiidae	
	Geodia macandrewii	Geodiidae	
	Geodia parva	Geodiidae	
	Geodia phlegraei	Geodiidae	
	Haliclona sp.	Chalinidae	ZHL
	Iophon piceum	Acarnidae	WJP
	Isodictya palmata	Isodictyidae	
	Lissodendoryx (Lissodendoryx) complicata	Coelosphaeridae	ZDD
	Mycale (Mycale) lingua	Mycalidae	
	Mycale (Mycale) loveni	Mycalidae	
	Phakellia sp.	Axinellidae	
	Polymastia spp.	Polymastiidae	ZPY
	Stelletta normani	Ancorinidae	WSX (Stelletta)
	Stelletta tuberosa	Ancorinidae	WSX (Stelletta)
	Stryphnus fortis	Ancorinidae	WPH
	Thenea muricata	Pachastrellidae	ZTH (Thenea)
	Thenea valdiviae	Pachastrellidae	ZTH (Thenea)
	Weberella bursa	Polymastiidae	

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

	Halipteris sp.	Halipteridae	ZHX (Halipteris)
	Kophobelemnon stelliferum	Kophobelemnidae	KVF
	Pennatula aculeata	Pennatulidae	QAC
	Pennatula grandis	Pennatulidae	
	Pennatula sp.	Pennatulidae	
	Protoptilum carpenteri	Protoptilidae	
	Umbellula lindahli	Umbellulidae	
	Virgularia mirabilis	Virgulariidae	
Tube-Dwelling Anemones	*Pachycerianthus borealis*	Cerianthidae	WQB
Erect Bryozoans (BZN – Bryozoa)	*Eucratea loricata*	Eucrateidae	WEL
Sea Lilies (CWD – Crinoidea)	*Conocrinus lofotensis*	Bourgueticrinidae	WCF
	Gephyrocrinus grimaldii	Hyocrinidae	
	Trichometra cubensis	Antedonidae	
Sea Squirts (SSX – Ascidiacea)	*Boltenia ovifera*	Pyuridae	WBO
	Halocynthia aurantium	Pyuridae	
Unlikely to be observed in trawls; *in situ* observations only:			
Large xenophyophores	*Syringammina* sp.	Syringamminidae	

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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

Data Element	Code	Mandatory/ Optional	Remarks
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

Data Element	Code	Mandatory/ Optional	Remarks
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 [1]	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

[1] 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 subparagraph of Article 25(6) of Regulation (EU) 2019/833

List of Species [1]

Common English Name	Scientific Name	3-Alpha Code
Groundfish		
Atlantic Cod	*Gadus morhua*	COD
Haddock	*Melanogrammus aeglefinus*	HAD
Atlantic redfishes	*Sebastes* sp.	RED
Golden redfish	*Sebastes marinus*	REG
Beaked redfish (deepwater)	*Sebastes mentella*	REB
Acadian redfish	*Sebastes fasciatus*	REN
Silver hake	*Merluccius bilinearis*	HKS
Red hake (*)	*Urophycis chuss*	HKR
Pollock (= Saithe)	*Pollachius virens*	POK

[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
American plaice	*Hippoglossoides platessoides*	PLA
Witch flounder	*Glyptocephalus cynoglossus*	WIT
Yellowtail flounder	*Limanda ferruginea*	YEL
Greenland halibut	*Reinhardtius hippoglossoides*	GHL
Atlantic halibut	*Hippoglossus hippoglossus*	HAL
Winter flounder	*Pseudopleuronectes americanus*	FLW
Summer flounder	*Paralichthys dentatus*	FLS
Windowpane flounder	*Scophthalmus aquosus*	FLD
Flatfishes (NS)	*Pleuronectiformes*	FLX
American angler (= Goosefish)	*Lophius americanus*	ANG
Atlantic searobins	*Prionotus* sp.	SRA
Atlantic tomcod	*Microgadus tomcod*	TOM
Blue antimora	*Antimora rostrata*	ANT
Blue whiting	*Micromesistius poutassou*	WHB
Cunner	*Tautogolabrus adspersus*	CUN
Cusk (= Tusk)	*Brosme brosme*	USK
Greenland cod	*Gadus ogac*	GRC
Blue ling	*Molva dypterygia*	BLI
Ling	*Molva molva*	LIN
Lumpfish =(Lumpsucker)	*Cyclopterus lumpus*	LUM
Northern kingfish	*Menticirrhus saxatilis*	KGF
Northern puffer	*Sphoeroides maculatus*	PUF
Eelpouts (NS)	*Lycodes* sp.	ELZ
Ocean pout	*Macrozoarces americanus*	OPT
Polar cod	*Boreogadus saida*	POC
Roundnose grenadier	*Coryphaenoides rupestris*	RNG
Roughhead grenadier	*Macrourus berglax*	RHG
Sandeels (= Sand Lances)	*Ammodytes* sp.	SAN
Sculpins	*Myoxocephalus* sp.	SCU
Scup	*Stenotomus chrysops*	SCP
Tautog	*Tautoga onitis*	TAU
Tilefish	*Lopholatilus chamaeleonticeps*	TIL
White hake (*)	*Urophycis tenuis*	HKW
Longfin hake	*Urophycis chesteri*	GPE
Threebeard rockling	*Gaidropsarus ensis*	GDE
Wolffishes (NS)	*Anarhichas* sp.	CAT

Common English Name	Scientific Name	3-Alpha Code
Atlantic wolffish	*Anarhichas lupus*	CAA
Spotted wolffish	*Anarhichas minor*	CAS
Northern wolffish	*Anarhichas denticulatus*	CAB
Groundfish (NS)		GRO
Pelagics		
Atlantic herring	*Clupea harengus*	HER
Atlantic mackerel	*Scomber scombrus*	MAC
Atlantic butterfish	*Peprilus triacanthus*	BUT
Atlantic menhaden	*Brevoortia tyrannus*	MHA
Atlantic saury	*Scomberesox saurus*	SAU
Bay anchovy	*Anchoa mitchilli*	ANB
Bluefish	*Pomatomus saltatrix*	BLU
Crevalle jack	*Caranx hippos*	CVJ
Frigate tuna	*Auxis thazard*	FRI
King mackerel	*Scomberomourus cavalla*	KGM
Atlantic Spanish mackerel	*Scomberomourus maculates*	SSM
Sailfish	*Istiophorus platypterus*	SAI
White marlin	*Tetrapturus albidus*	WHM
Blue marlin	*Makaira nigricans*	BUM
Swordfish	*Xiphias gladius*	SWO
Albacore tuna	*Thunnus alalunga*	ALB
Atlantic bonito	*Sarda sarda*	BON
Little tunny	*Euthynnus alletteratus*	LTA
Bigeye tunny	*Thunnus obesus*	BET
Northern bluefin tuna	*Thunnus thynnus*	BFT
Skipjack tuna	*Katsuwonus pelamis*	SKJ
Yellowfin tuna	*Thunnus albacares*	YFT
Tunas (NS)	*Scombridae*	TUN
Pelagic fish (NS)		PEL
Other Fish		
Alewife	*Alosa pseudoharengus*	ALE
Amberjacks	*Seriola* sp.	AMX
American conger	*Conger oceanicus*	COA
American eel	*Anguilla rostrata*	ELA
Atlantic hagfish	*Myxine glutinosa*	MYG
American shad	*Alosa sapidissima*	SHA

Common English Name	Scientific Name	3-Alpha Code
Argentines (NS)	*Argentina* sp.	ARG
Atlantic croaker	*Micropogonias undulatus*	CKA
Atlantic needlefish	*Strongylura marina*	NFA
Atlantic salmon	*Salmo salar*	SAL
Atlantic silverside	*Menidia menidia*	SSA
Atlantic thread herring	*Opisthonema oglinum*	THA
Baird's slickhead	*Alepocephalus bairdii*	ALC
Black drum	*Pogonias cromis*	BDM
Black seabass	*Centropristis striata*	BSB
Blueback herring	*Alosa aestivalis*	BBH
Capelin	*Mallotus villosus*	CAP
Chars (NS)	*Salvelinus* sp.	CHR
Cobia	*Rachycentron canadum*	CBA
Common (Florida) pompano	*Trachinotus carolinus*	POM
Gizzard shad	*Dorosoma cepedianum*	SHG
Grunts (NS)	*Pomadasyidae*	GRX
Hickory shad	*Alosa mediocris*	SHH
Lanternfish	*Notoscopelus* sp.	LAX
Mullets (NS)	*Mugilidae*	MUL
North atlantic harvestfish	*Peprilus alepidotus (= paru)*	HVF
Pigfish	*Orthopristis chrysoptera*	PIG
Rainbow smelt	*Osmerus mordax*	SMR
Red drum	*Sciaenops ocellatus*	RDM
Red porgy	*Pagrus pagrus*	RPG
Rough scad	*Trachurus lathami*	RSC
Sand perch	*Diplectrum formosum*	PES
Sheepshead	*Archosargus probatocephalus*	SPH
Spot croaker	*Leiostomus xanthurus*	SPT
Spotted weakfish	*Cynoscion nebulosus*	SWF
Squeteague (Gray Weakfish)	*Cynoscion regalis*	STG
Striped bass	*Morone saxatilis*	STB
Sturgeons (NS)	*Acipenseridae*	STU
Tarpon	*Tarpon (= megalops) atlanticus*	TAR
Trouts (NS)	*Salmo* sp.	TRO
White perch	*Morone americana*	PEW

Common English Name	Scientific Name	3-Alpha Code
Alfonsinos (NS)	*Beryx* sp.	ALF
Spiny (= picked) dogfish	*Squalus acantias*	DGS
Dogfishes (NS)	*Squalidae*	DGX
Sand Tiger shark	*Odontaspis taurus*	CCT
Porbeagle	*Lamna nasus*	POR
Shortfin mako shark	*Isurus oxyrinchus*	SMA
Dusky shark	*Carcharhinus obscurus*	DUS
Great Blue shark	*Prionace glauca*	BSH
Large sharks (NS)	*Squaliformes*	SHX
Atlantic Sharpnose shark	*Rhizoprionodon terraenova*	RHT
Black Dogfish	*Centroscyllium fabricii*	CFB
Boreal (Greenland) shark	*Somniosus microcephalus*	GSK
Basking shark	*Cetorhinus maximus*	BSK
Skates (NS)	*Raja* sp.	SKA
Little skate	*Leucoraja erinacea*	RJD
Arctic skate	*Amblyraja hyperborea*	RJG
Barndoor skate	*Dipturus laevis*	RJL
Winter skate	*Leucoraja ocellata*	RJT
Thorny skate (Starry Ray)	*Amblyraja radiata*	RJR
Smooth skate	*Malcoraja senta*	RJS
Spinytail skate (Spinetail Ray)	*Bathyraja spinicauda*	RJQ
Finfishes (NS)		FIN
Invertebrates		
Long-finned squid (*Loligo*)	*Loligo pealei*	SQL
Short-finned squid (*Illex*)	*Illex illecebrosus*	SQI
Squids (NS)	*Loliginidae, Ommastrephidae*	SQU
Atlantic razor clam	*Ensis directus*	CLR
Hard clam	*Mercenaria mercenaria*	CLH
Ocean quahog	*Arctica islandica*	CLQ
Soft clam	*Mya arenaria*	CLS
Surf clam	*Spisula solidissima*	CLB
Stimpson's surf clam	*Spisula polynyma*	CLT
Clams (NS)	*Prionodesmacea, Teleodesmacea*	CLX
Bay scallop	*Argopecten irradians*	SCB
Calico scallop	*Argopecten gibbus*	SCC
Iceland scallop	*Chlamys islandica*	ISC

Common English Name	Scientific Name	3-Alpha Code
Sea scallop	*Placopecten magellanicus*	SCA
Scallops (NS)	Pectinidae	SCX
American cupped oyster	*Crassostrea virginica*	OYA
Blue mussel	*Mytilus edulis*	MUS
Whelks (NS)	*Busycon* sp.	WHX
Periwinkles (NS)	*Littorina* sp.	PER
Marine molluscs (NS)	Mollusca	MOL
Atlantic rock crab	*Cancer irroratus*	CRK
Blue crab	*Callinectes sapidus*	CRB
Green crab	*Carcinus maenas*	CRG
Jonah crab	*Cancer borealis*	CRJ
Queen crab	*Chionoecetes opilio*	CRQ
Red crab	*Geryon quinquedens*	CRR
Stone king crab	*Lithodes maia*	KCT
Marine crabs (NS)	Reptantia	CRA
American lobster	*Homarus americanus*	LBA
Northern prawn	*Pandalus borealis*	PRA
Aesop shrimp	*Pandalus montagui*	AES
Penaeus shirmps (NS)	*Penaeus* sp.	PEN
Pink (= Pandalid) shrimps	*Pandalus* sp.	PAN
Marine crustaceans (NS)	*Crustacea*	CRU
Sea-urchin	*Strongylocentrotus* sp.	URC
Marine worms (NS)	*Polycheata*	WOR
Horseshoe crab	*Limulus polyphemus*	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

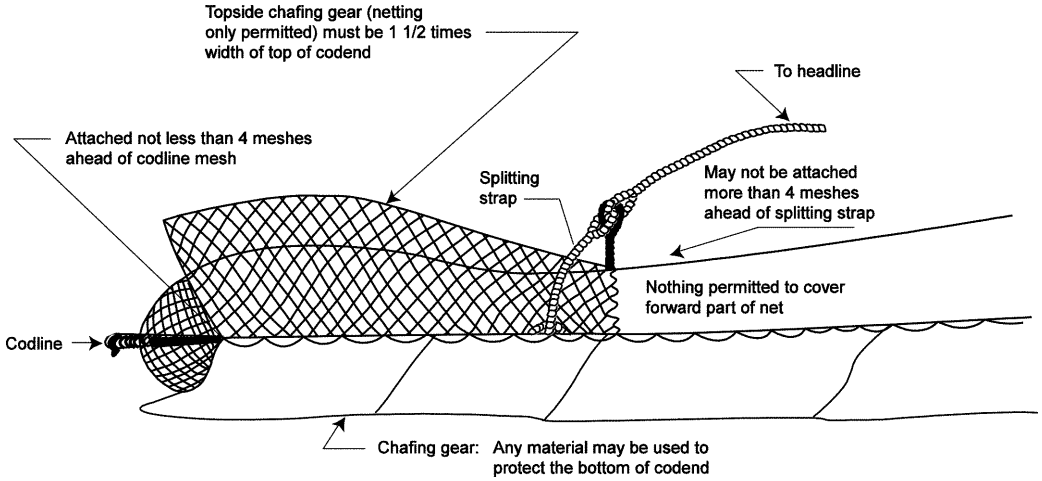
(1) ICNAF-type topside chafer

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

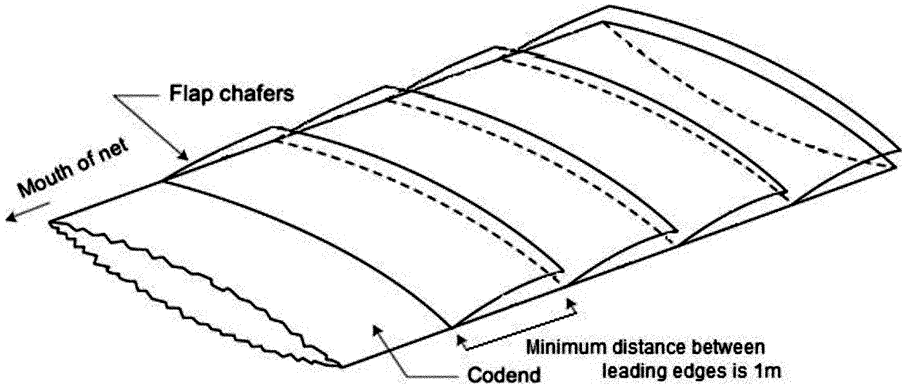
(2) Multiple flap-type topside chafer

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

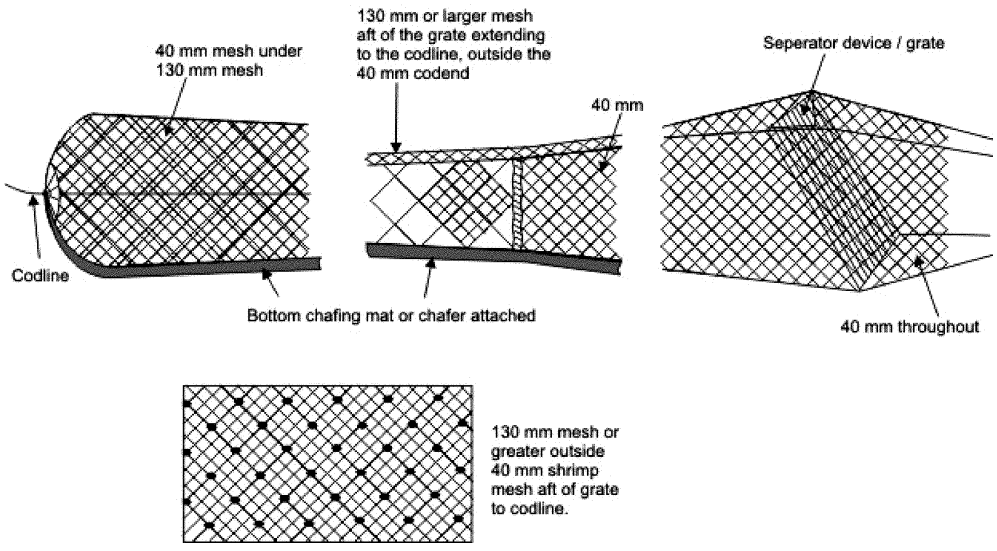
A strengthening bag is defined as an outer covering of netting that can be used on a shrimp trawl to protect and provide strength to the codend of the shrimp trawl.

(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

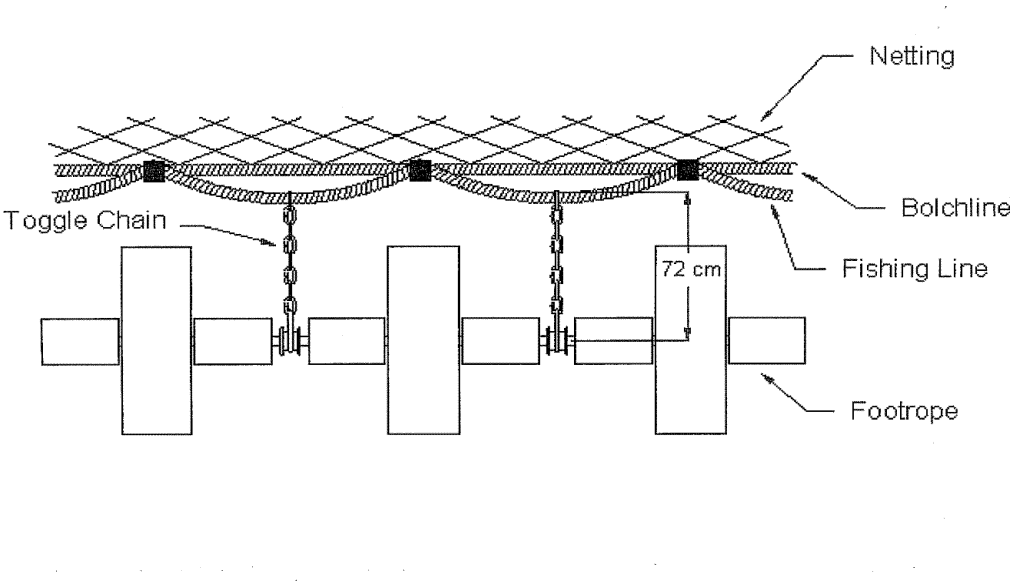
Shrimp Toggle Chains

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

Category	Data Element	Field code	Type	Contents	Definitions
	Date	DA	Num*8	YYYYMM-DD	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 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

Category	Data Element	Field code	Type	Contents	Definitions
Authorization details	Start Date	SD	Num*8	YYYYMM-DD	Licence detail; date on which the authorization starts
	End Date	ED	Num*8	YYYYMM-DD	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/WDDD-MM (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 on-board 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

Category	Data Element	Field code	Type	Contents	Definitions
	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
	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		Transhipment 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	ENT POS EXI	Entry Position Exit	VMS messages
	Article 29.8	MAN	Manual position	Reports transmitted by fishing vessels with a defective satellite tracking device to the Contracting Party
II.F	Article 28.6(a)	COE	Catch on Entry	Report transmitted by fishing vessels, prior to entering the R. A.
	Article 28.6(c)	CAT	Catch	Catch report daily, for all species by Division
	Article 28.6(d)	COB	Cross boundary	Catch report prior to crossing boundary to 3L
	Article 28.6(e)	TRA	Transhipment	Report on quantities on-loaded or off-loaded in the R. A.
	Article 28.6(f)	POR	Port of Landing	Report on catch onboard and weight to be landed
	Article 28.6(b)	COX	Catch on Exit	Report transmitted by fishing vessels, prior to leaving the R. A.
	Article 28.6	CAN	Cancel	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	

Fishing Vessel information	
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	
Transhipment	
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)												Measured by observer/inspector/master	Date measured	Attachments	Grate Spacing	Straps (Describe)	Comments
			Wings			Body			Lengthening Piece			Codend								
			High	Low	Average	High	Low	Average	High	Low	Average	High	Low	Average						
1																				
2																				
3																				

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

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

Tow/Set	Gear 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 (YYYYMMDD)	NAFO Division	Latitude (decimal)	Longitude (decimal)	Depth (m)	Time (UTC) (HHMM)	Date (YYYYMMDD)					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 Fishing Logbook			Vessel Production Logbook	Discrepancy Identified? (yes/no)	Discrepancy Details	Comments
Vessel Conversion Factor Used	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

Comments	
1	On Fishing activity by Division
2	On Data Communication
3	On Mesh sizes
4	Other issues

4B. **Catch Summary**

Trip Catch Summary (catch by Division and Species)							
		Observer Estimates			Recorded in the Fishing Logbook		
Species (FAO 3-alpha Species Code	Division	Retained (kg live weight)	Discarded (kg live weight)	Total (kg live weight)	Retained (kg live weight)	Discarded (kg live weight)	Total (kg live weight)
Total							

Comments	
1	On composition of catch and sizes
2	On discrepancies with the fishing logbook entries
3	On discards
4	Other issues

Part 5. Catch of Greenland Shark Information by Haul

Tow/Set Number	Total Number of Sharks	Shark Number	Estimated Weight (kg live weight)	Length	Length Measured or Estimated?	Sex	Catch Disposition (Alive, Dead, Unknown)	Comments

Tow/Set Number	Total Number of Sharks	Shark Number	Estimated Weight (kg live weight)	Length	Length Measured or Estimated?	Sex	Catch Disposition (Alive, Dead, Unknown)	Comments

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

Data Element	Code	Mandatory/Optional	Requirements for the field
Relevant Area	RA	M	Activity detail; NAFO Division
Daily Catches species live weight	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/speciesspaceweightspacespeciesspace-weightspacespeiesspaceweight//
Discarding species live weight	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/speciesspaceweightspacespeciesspaceweight-spacespeciesspaceweight//
Undersize ([6]) species live weight	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/speciesspaceweightspacespeciesspaceweight-spacespeciesspaceweight//
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	Date of Certification	
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 II.A	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
1st Net																					
2nd Net																					
Chafer – Samples of meshes																					
1st Net																					
2nd Net																					

Rest of Net																				
1st Net																				
2nd Net																				

(10) SUMMARY OF CATCHES FROM LOGBOOKS FOR THE CURRENT FISHING TRIP

Days in NAFO RA						
Date of entry into RA/Division	Division	Fish species (3-alpha code)	Catch (metric tonnes)	Conversion factor(s)	Product Form (s)	Discards

(11) RESULT OF INSPECTION OF FISH

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

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

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

".