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ANNEXES 2 to 8

ANNEXES

to the

Proposal for a Council Regulation

**fixing for 2018 the fishing opportunities for certain fish stocks and groups of fish stocks,
applicable in Union waters and, for Union fishing vessels, in certain non-Union waters**

ANNEX IIA

FISHING EFFORT FOR VESSELS IN ICES SUBAREA 4

1. SCOPE

- 1.1. This Annex shall apply to Union fishing vessels carrying on board or deploying any of the gears referred to in Article 10 of Regulation (EC) No 1342/2008¹ and present in any of the geographical areas specified in that regulation.
- 1.2. This Annex shall not apply to vessels of less than 10 metres' length overall. Those vessels shall not be required to carry fishing authorisations issued in accordance with Article 7 of Regulation (EC) No 1224/2009. Member States concerned shall assess the fishing effort of those vessels, using appropriate sampling methods.

2. AUTHORISATIONS

If a Member State deems it appropriate in order to reinforce the sustainable implementation of this effort regime, it may introduce a prohibition to fish with regulated gear in any of the geographical areas to which this Annex applies by any of vessels flying its flag which has no record of such fishing activity, unless it ensures that equivalent capacity, measured in kilowatts, is prevented from fishing in that area.

3. MAXIMUM ALLOWABLE FISHING EFFORT

The maximum allowable effort referred to in Article 9(2) of Regulation (EC) No 676/2007 for the management period specified in Article 1(2)(b) of this Regulation shall be as follows:

Regulated gear: BT1+BT2: beam trawls (TBB) of mesh equal to or larger than 80 mm

Maximum allowable fishing effort in kilowatt days in ICES subarea 4:

Regulated gear	BE	DK	DE	NL	UK
BT1+BT2	pm	pm	pm	pm	pm

4. MANAGEMENT

- 4.1. Member States shall manage the maximum allowable effort in accordance with the conditions laid down in Article 9 of Regulation (EC) No 676/2007 and Articles 26 to 35 of Regulation (EC) No 1224/2009.
- 4.2. A Member State may establish management periods for allocating all or parts of the maximum allowable effort to individual vessels or groups of vessels. In such case, the number of days or hours for which a vessel may be present within the area during a management period shall be fixed at the discretion of the Member State concerned. During any such management periods, the Member State concerned may reallocate effort between individual vessels or groups of vessels.
- 4.3. If a Member State authorises vessels flying its flag to be present within an area by hours, it shall continue measuring the consumption of days in accordance with the conditions referred to in point 4.1. Upon request by the Commission, the Member State concerned shall demonstrate its precautionary measures taken to avoid an excessive consumption of effort within the area due to a vessel terminating presences in the area before the end of a 24-hour period.

¹ Council Regulation (EC) No 1342/2008 of 18 December 2008 establishing a long-term plan for cod stocks and the fisheries exploiting those stocks and repealing Regulation (EC) No 423/2004 (OJ L 348, 24.12.2008, p. 20)

5. FISHING EFFORT REPORT

Article 28 of Regulation (EC) No 1224/2009 shall apply to vessels falling under the scope of this Annex. The geographical area referred to in that Article shall be understood as ICES subarea 4.

6. COMMUNICATION OF RELEVANT DATA

Member States shall transmit to the Commission the data on fishing effort deployed by their fishing vessels in accordance with Articles 33 and 34 of Regulation (EC) No 1224/2009.

ANNEX IIB

FISHING EFFORT FOR VESSELS IN THE CONTEXT OF THE RECOVERY OF CERTAIN SOUTHERN HAKE AND NORWAY LOBSTER STOCKS IN ICES DIVISIONS 8c AND 9a EXCLUDING THE GULF OF CÁDIZ

Chapter I General Provisions

1. SCOPE

This Annex shall apply to Union fishing vessels of 10 metres' length overall or more carrying on board or deploying trawls, Danish seines or similar gears of mesh size equal to or larger than 32 mm and gill-nets of mesh size equal to or larger than 60 mm or bottom longlines in accordance with Regulation (EC) No 2166/2005, and present in ICES divisions 8c and 9a excluding the Gulf of Cádiz.

2. DEFINITIONS

For the purposes of this Annex:

- (a) 'gear grouping' means the grouping consisting of the following two gear categories:
 - (i) trawls, Danish seines or similar gears of mesh size equal to or larger than 32 mm; and
 - (ii) gill-nets of mesh size equal to or larger than 60 mm and bottom longlines;
- (b) 'regulated gear' means any of the two gear categories belonging to the gear grouping;
- (c) 'area' means ICES divisions 8c and 9a excluding the Gulf of Cádiz;
- (d) 'current management period' means the period specified in Article 1(2)(b) of this Regulation;
- (e) 'special conditions' means the special conditions set out in point 6.1.

3. LIMITATION IN ACTIVITY

Without prejudice to Article 29 of Regulation (EC) No 1224/2009, each Member State shall ensure that, when carrying on board any regulated gear, Union fishing vessels flying its flag shall be present within the area for no more than the number of days specified in Chapter III of this Annex.

Chapter II Authorisations

4. AUTHORISED VESSELS

- 4.1. A Member State shall not authorise fishing with regulated gear in the area by any vessel flying its flag which has no record of such fishing activity in the area in the period from 2002 to 2015, excluding the record of fishing activities as a result of transfer of days between fishing vessels, unless it ensures that equivalent capacity, measured in kilowatts, is prevented from fishing in the area.
- 4.2. A vessel flying the flag of a Member State having no quotas in the area shall not be authorised to fish in the area with regulated gear, unless the vessel is allocated a quota after

a transfer as permitted in accordance with Article 16(8) of Regulation (EU) No 1380/2013 and is allocated days at sea in accordance with point 11 or 12 of this Annex.

Chapter III

Number of days present within the area allocated to Union fishing vessels

5. MAXIMUM NUMBER OF DAYS

- 5.1. During the current management period, the maximum number of days at sea for which a Member State may authorise a vessel flying its flag to be present within the area having carried on board any regulated gear is shown in Table I.
- 5.2. If a vessel is able to demonstrate that its hake catches represent less than 8 % of the total live weight of fish caught in a given fishing trip, the flag Member State of the vessel shall be allowed not to count the days at sea associated with that fishing trip against the applicable maximum number of days at sea as set out in Table I.

6. SPECIAL CONDITIONS FOR THE ALLOCATION OF DAYS

- 6.1. For the purposes of fixing the maximum number of days at sea that a Union fishing vessel may be authorised by its flag Member State to be present within the area, the following special conditions shall apply in accordance with Table I:
- (a) the total landings of hake in each of the two calendar years 2013 and 2014 made by the vessel concerned shall represent less than 5 tonnes according to the landings in live weight; and
 - (b) the total landings of Norway lobster in the years specified in point (a) above made by the vessel concerned shall represent less than 2,5 tonnes according to the landings in live weight.
- 6.2. If a vessel benefits from an unlimited number of days as a result of its compliance with the special conditions, the vessel's landings in the current management period shall not exceed 5 tonnes of the total landings in live weight of hake and 2,5 tonnes of the total landings in live weight of Norway lobster.
- 6.3. When either of the special conditions is not met by a vessel, that vessel shall, with immediate effect, no longer be entitled to the allocation of days corresponding to the given special condition.
- 6.4. The application of the special conditions referred to in point 6.1. may be transferred from one vessel to one or more other vessels which replace that vessel in the fleet, provided that the replacing vessel uses similar gear and does not have in any year of its operation a record of landings of hake and Norway lobster higher than the quantities specified in point 6.1.

Table I
Maximum number of days a vessel may be present within the area by fishing gear per year

Special condition	Regulated gear	Maximum number of days	
	Trawls, Danish seines and similar gears of mesh size ≥ 32 mm, gill-nets of mesh size ≥ 60 mm and bottom longlines	ES	126
		FR	109
		PT	113

Special condition	Regulated gear	Maximum number of days
6.1.(a) and 6.1.(b)	Trawls, Danish seines and similar gears of mesh size ≥ 32 mm, gill-nets of mesh size ≥ 60 mm and bottom longlines	Unlimited

7. KILOWATT DAY SYSTEM

- 7.1. A Member State may manage its fishing effort allocations in accordance with a kilowatt days system. Through that system it may authorise any vessel concerned by any regulated gear and special conditions as set out in Table I to be present within the area for a maximum number of days which is different from that set out in that Table, provided that the overall amount of kilowatt days corresponding to the regulated gear and to the special conditions is respected.
- 7.2. This overall amount of kilowatt days shall be the sum of all individual fishing efforts allocated to the vessels flying the flag of that Member State and qualified for the regulated gear and, where applicable, the special conditions. Such individual fishing efforts shall be calculated in kilowatt days by multiplying the engine power of each vessel by the number of days at sea it would benefit from, according to Table I, if point 7.1. were not applied. For as long as the number of days is unlimited according to Table I, the relevant number of days the vessel would benefit from is 360.
- 7.3. A Member State wishing to benefit from the system referred to in point 7.1. shall submit a request to the Commission, for the regulated gear and special conditions as laid down in Table I, with reports in electronic format containing the details of the calculation based on:
- (a) the list of vessels authorised to fish by indicating their Union fishing fleet register number (CFR) and their engine power;
 - (b) the track record of the years specified in point 6.1.(a) for such vessels reflecting the catch composition defined in the special condition referred to in point 6.1.(a) or (b), if these vessels are qualified for such special conditions;
 - (c) the number of days at sea for which each vessel would have initially been authorised to fish according to Table I and the number of days at sea which each vessel would benefit from in application of point 7.1.
- 7.4. On the basis of that request, the Commission shall assess whether the conditions referred to in point 7 are complied with and, where applicable, may authorise that Member State to benefit from the system referred to in point 7.1.
- ## 8. ALLOCATION OF ADDITIONAL DAYS FOR PERMANENT CESSATION OF FISHING ACTIVITIES
- 8.1. An additional number of days at sea on which a vessel may be authorised by its flag Member State to be present within the area when carrying on board any regulated gear may be allocated to a Member State by the Commission on the basis of permanent cessations of fishing activities that have taken place during the preceding management period, either in accordance with Article 23 of Council Regulation (EC) No 1198/2006¹ or Council

¹ Council Regulation (EC) No 1198/2006 of 27 July 2006 on the European Fisheries Fund (OJ L 223, 15.8.2006, p. 1).

Regulation (EC) No 744/2008¹. Permanent cessations resulting from any other circumstances may be considered by the Commission on a case-by-case basis, following a written and duly motivated request from the Member State concerned. Such written request shall identify the vessels concerned and confirm, for each of them, that they shall never return to fishing activities.

- 8.2. The effort expended in 2003 measured in kilowatt days of the withdrawn vessels using the regulated gear shall be divided by the effort expended by all vessels using that gear during 2003. The additional number of days at sea shall be then calculated by multiplying the ratio so obtained by the number of days that would have been allocated according to Table I. Any part of a day resulting from that calculation shall be rounded to the nearest whole day.
- 8.3. Points 8.1. and 8.2. shall not apply where a vessel has been replaced in accordance with point 3 or 6.4., or when the withdrawal has already been used in previous years to obtain additional days at sea.
- 8.4. A Member State wishing to benefit from the allocations referred to in point 8.1. shall submit a request to the Commission, by 15 June of the current management period, with reports in electronic format containing, for the gear grouping and special conditions as laid down in Table I, the details of the calculation based on:
 - (a) lists of withdrawn vessels with their Union fishing fleet register number (CFR) and their engine power;
 - (b) the fishing activity deployed by such vessels in 2003 calculated in days at sea according to the grouping of fishing gears and, if necessary, special conditions.
- 8.5. On the basis of such a request by a Member State the Commission may, by means of implementing acts, allocate that Member State a number of days additional to that referred to in point 5.1. for that Member State. Those implementing acts shall be adopted in accordance with the examination procedure referred to in Article 42(2).
- 8.6. During the current management period, a Member State may re-allocate those additional days at sea to all or part of the vessels remaining in fleet and qualified for the regulated gears. Additional days stemming from a withdrawn vessel that benefited from a special condition referred to in point 6.1.(a) or (b) may not be allocated to a vessel remaining active that does not benefit from a special condition.
- 8.7. When the Commission allocates additional days at sea due to a permanent cessation of fishing activities during the preceding management period, the maximum number of days per Member State and gear shown in Table I shall be adjusted accordingly for the current management period.
9. **ALLOCATION OF ADDITIONAL DAYS FOR ENHANCED SCIENTIFIC OBSERVER COVERAGE**
- 9.1. Three additional days on which a vessel may be present within the area when carrying on board any regulated gear may be allocated to a Member State by the Commission on the basis of an enhanced programme of scientific observer coverage in partnership between scientists and the fishing industry. Such a programme shall focus in particular on levels of discarding and on catch composition and shall go beyond the requirements on data

¹ Council Regulation (EC) No 744/2008 of 24 July 2008 instituting a temporary specific action aiming to promote the restructuring of the European Community fishing fleets affected by the economic crisis (OJ L 202, 31.7.2008, p. 1).

collection, as laid down in Council Regulation (EC) No 199/2008¹ and its implementing rules for national programmes.

- 9.2. Scientific observers shall be independent from the owner, the master of the vessel and any crew member.
- 9.3. A Member State wishing to benefit from the allocations referred to in point 9.1. shall submit a description of its enhanced scientific observer coverage programme to the Commission for approval.
- 9.4. On the basis of that description, and after consultation with STECF, the Commission may, by means of implementing acts, allocate the Member State concerned a number of days additional to that referred to in point 5.1. for that Member State and for the vessels, the area and gear concerned by the enhanced programme of scientific observers. Those implementing acts shall be adopted in accordance with the examination procedure referred to in Article 42(2).
- 9.5. If an enhanced scientific observer coverage programme submitted by a Member State has been approved by the Commission in the past and the Member State concerned wishes to continue its application without changes, it shall inform the Commission of the continuation of that programme four weeks before the beginning of the period for which the programme applies.

Chapter IV Management

10. GENERAL OBLIGATION

Member States shall manage the maximum allowable effort in accordance with the conditions laid down in Article 8 of Regulation (EC) No 2166/2005 and Articles 26 to 35 of Regulation (EC) No 1224/2009.

11. MANAGEMENT PERIODS

- 11.1. A Member State may divide the days present within the area set out in Table I into management periods of durations of one or more calendar months.
- 11.2. The number of days or hours for which a vessel may be present within the area during a management period shall be fixed by the Member State concerned.
- 11.3. Where a Member State authorises vessels flying its flag to be present within the area by hours, the Member State shall continue measuring the consumption of days as specified in point 10. Upon request by the Commission, the Member State shall demonstrate its precautionary measures taken to avoid an excessive consumption of days within the area due to a vessel terminating presences in the area before the end of a 24-hour period.

Chapter V Exchanges of fishing effort allocations

12. TRANSFER OF DAYS BETWEEN FISHING VESSELS FLYING THE FLAG OF A MEMBER STATE

¹ Council Regulation (EC) No 199/2008 of 25 February 2008 concerning the establishment of a Community framework for the collection, management and use of data in the fisheries sector and support for scientific advice regarding the Common Fisheries Policy (OJ L 60, 5.3.2008, p. 1).

- 12.1. A Member State may permit any fishing vessel flying its flag to transfer days present within the area for which it has been authorised to another vessel flying its flag within the area, provided that the product of the days received by a vessel multiplied by its engine power in kilowatts (kilowatt days) is equal to or less than the product of the days transferred by the donor vessel and the engine power in kilowatts of that vessel. The engine power in kilowatts of the vessels shall be that recorded for each vessel in the Union fishing fleet register.
- 12.2. The total number of days present within the area transferred in accordance with point 12.1., multiplied by the engine power in kilowatts of the donor vessel, shall not be higher than the donor vessel's average annual days track record in the area as verified by the fishing logbook in the years specified in point 6.1.(a) multiplied by the engine power in kilowatts of that vessel.
- 12.3. The transfer of days as described in point 12.1. shall be permitted between vessels operating with any regulated gear and during the same management period.
- 12.4. The transfer of days is only permitted for vessels benefiting from an allocation of fishing days without special conditions.
- 12.5. On request from the Commission, Member States shall provide information on the transfers that have taken place. The format of spreadsheets for the collection and transmission of information referred to in this point may be established by the Commission, by means of implementing acts. Those implementing acts shall be adopted in accordance with the examination procedure referred to in Article 42(2).
13. **TRANSFER OF DAYS BETWEEN FISHING VESSELS FLYING THE FLAG OF DIFFERENT MEMBER STATES**
- Member States may permit the transfer of days present within the area for the same management period and within the area between any fishing vessels flying their flags provided that points 4.1. and 4.2. and 12 apply *mutatis mutandis*. Where Member States decide to authorise such a transfer, they shall notify the Commission, before the transfer takes place, of the details of the transfer, including the number of days to be transferred, the fishing effort and, where applicable, the fishing quotas relating thereto.

Chapter VI

Reporting obligations

14. **FISHING EFFORT REPORT**

Article 28 of Regulation (EC) No 1224/2009 shall apply to vessels falling under the scope of this Annex. The geographical area referred to in that Article shall be understood as the area specified in point 2 of this Annex.

15. **COLLECTION OF RELEVANT DATA**

Member States shall collect on a quarterly basis the information about total fishing effort deployed within the area for towed gears and static gears, effort deployed by vessels using different types of gear in the area, and the engine power of those vessels in kilowatt days, on the basis of information used for the management of fishing days present within the area as set out in this Annex.

16. **COMMUNICATION OF RELEVANT DATA**

Upon request from the Commission, Member States shall make available to the Commission a spreadsheet with data specified in point 15 in the format specified in

Tables II and III by sending it to the appropriate electronic mailbox address, which shall be communicated to the Member States by the Commission. Member States shall, upon the Commission's request, send detailed information to the Commission on effort allocated and consumed covering all or parts of the current and the precedent management periods, using the data format specified in Tables IV and V.

Table II
Reporting format kW-day information by management period

Member State	Gear	Management period	Cumulative effort declaration
(1)	(2)	(3)	(4)

Table III
Data format kW-day information by management period

Name of field	Maximum number of characters/digits	Alignment ⁽¹⁾ L(ef)t/R(igh)t	Definition and comments
(1) Member State	3		Member State (Alpha-3 ISO code) in which the vessel is registered
(2) Gear	2		One of the following gear types: TR = trawls, Danish seines and similar gear ≥ 32 mm GN = gillnets ≥ 60 mm LL = bottom longlines
(3) Management period	4		One management period in the period from the 2006 management period to the current management period
(4) Cumulative effort declaration	7	R	Cumulative amount of fishing effort expressed in kilowatt days deployed from 1 February until 31 January of the relevant management period
⁽¹⁾ Information relevant for transmission of data by fixed-length formatting.			

Table IV
Reporting format for vessel-related information

Member State	CFR	External marking	Length of management period	Gear notified				Special condition applying to notified gear(s)				Days eligible using notified gear(s)				Days spent with notified gear(s)				Transfer of days
				No 1	No 2	No 3	...	No 1	No 2	No 3	...	No 1	No 2	No 3	...	No 1	No 2	No 3	...	
(1)	(2)	(3)	(4)	(5)	(5)	(5)	(5)	(6)	(6)	(6)	(6)	(7)	(7)	(7)	(7)	(8)	(8)	(8)	(8)	(9)

Table V
Data format for vessel-related information

Name of field	Maximum number of characters/digits	Alignment ⁽¹⁾ L(eft)/R(ight)	Definition and comments
(1) Member State	3		Member State (Alpha-3 ISO code) in which vessel is registered
(2) CFR	12		Union fishing fleet register number (CFR) Unique identification number of a fishing vessel Member State (Alpha-3 ISO code) followed by an identifying series (9 characters). Where a series has fewer than 9 characters, additional zeros shall be inserted on the left hand side

Name of field	Maximum number of characters/digits	Alignment ⁽¹⁾ L(ef t)/R(igh t)	Definition and comments
(3) External marking	14	L	Under Commission Regulation (EEC) No 1381/87 ⁽²⁾
(4) Length of management period	2	L	Length of the management period measured in months
(5) Gears notified	2	L	One of the following gear types: TR = trawls, Danish seines and similar gear ≥ 32 mm GN = gillnets ≥ 60 mm LL = bottom longlines
(6) Special condition applying to notified gear(s)	2	L	Indication of which, if any, of the special condition referred to in point 6.1.(a) or (b) of Annex IIB that apply
(7) Days eligible using notified gear(s)	3	L	Number of days for which the vessel is eligible under Annex IIB for the choice of gears and length of management period notified
(8) Days spent with notified gear(s)	3	L	Number of days the vessel actually spent present within the area and using gear corresponding to gear notified during the notified management period
(9) Transfers of days	4	L	For days transferred indicate '– number of days transferred' and for days received indicate '+ number of days transferred'
⁽¹⁾ Information relevant for transmission of data by fixed-length formatting. ⁽²⁾ Commission Regulation (EEC) No 1381/87 of 20 May 1987 establishing detailed rules concerning the marking and documentation of fishing vessels (OJ L 132, 21.5.1987, p. 9).			

ANNEX IIC

FISHING EFFORT FOR VESSELS IN THE CONTEXT OF THE MANAGEMENT OF WESTERN CHANNEL SOLE STOCKS IN ICES DIVISION 7e

Chapter I General provisions

1. SCOPE

- 1.1. This Annex shall apply to Union fishing vessels of 10 metres length overall or more carrying on board or deploying beam trawls of mesh size equal to or greater than 80 mm and static nets including gill-nets, trammel-nets and tangle-nets with mesh size equal to or less than 220 mm in accordance with Regulation (EC) No 509/2007, and present in ICES division 7e.
- 1.2. Vessels fishing with static nets with mesh size equal to or larger than 120 mm and with track records of less than 300 kg live weight of sole per year during the three previous years, according to their fishing records, shall be exempt from the application of this Annex subject to the following conditions:
- (a) such vessels caught less than 300 kg live weight of sole during the 2015 management period;
 - (b) such vessels do not tranship any fish at sea to another vessel;
 - (c) by 31 July 2018 and 31 January 2019 each Member State concerned makes a report to the Commission on these vessels' catch records for sole in the three previous years as well as on catches of sole in 2018.

Where any of these conditions is not met, the vessels concerned shall cease to be exempt from the application of this Annex, with immediate effect.

2. DEFINITIONS

For the purposes of this Annex the following definitions shall apply:

- (a) 'gear grouping' means the grouping consisting of the following two gear categories:
 - (i) beam trawls of mesh size equal to or greater than 80 mm; and
 - (ii) static nets, including gill-nets, trammel nets and tangle-nets, with mesh size equal to or less than 220 mm;
- (b) 'regulated gear' means any of the two gear categories belonging to the gear grouping;
- (c) 'area' means ICES division 7e;
- (d) 'current management period' means the period from 1 February 2018 to 31 January 2019.

3. LIMITATION IN ACTIVITY

Without prejudice to Article 29 of Regulation (EC) No 1224/2009, each Member State shall ensure that, when carrying on board any regulated gear, Union fishing vessels flying its flag and registered in the Union shall be present within the area for no more than the number of days set out in Chapter III of this Annex.

Chapter II Authorisations

4. AUTHORISED VESSELS

- 4.1 A Member State shall not authorise fishing with regulated gear in the area by any vessel flying its flag which has no record of such fishing activity in the area in the period from 2002 to 2015, excluding the record of fishing activities as a result of transfer of days between fishing vessels, unless it ensures that equivalent capacity, measured in kilowatts, is prevented from fishing in the area.
- 4.2 However, a vessel with a track record of using a regulated gear may be authorised to use a different fishing gear, provided that the number of days allocated to this latter gear is greater than or equal to the number of days allocated to the regulated gear.
- 4.3 A vessel flying the flag of a Member State having no quotas in the area shall not be authorised to fish in the area with regulated gear, unless the vessel is allocated a quota after a transfer as permitted in accordance with Article 16(8) of Regulation (EU) No 1380/2013 and is allocated days at sea in accordance with point 10 or 11 of this Annex.

Chapter III Number of days present within the area allocated to Union fishing vessels

5. MAXIMUM NUMBER OF DAYS

During the current management period, the maximum number of days at sea for which a Member State may authorise a vessel flying its flag to be present within the area having carried on board any regulated gear is shown in Table I.

Table I
Maximum number of days a vessel may be present within the area
by category of regulated gear per year

Regulated gear	Maximum number of days	
Beam trawls of mesh size ≥ 80 mm	BE	176
	FR	188
	UK	222
Static nets with mesh size ≤ 220 mm	BE	176
	FR	191
	UK	176

6. KILOWATT DAY SYSTEM

- 6.1. During the current management period, a Member State may manage its fishing effort allocations in accordance with a kilowatt days system. Through that system it may authorise any vessel concerned by any regulated gear as set out in Table I to be present within the area for a maximum number of days which is different from that set out in that Table, provided that the overall amount of kilowatt days corresponding to the regulated gear is respected.

- 6.2. This overall amount of kilowatt days shall be the sum of all individual fishing efforts allocated to the vessels flying the flag of that Member State and qualified for the regulated gear. Such individual fishing efforts shall be calculated in kilowatt days by multiplying the engine power of each vessel by the number of days at sea it would benefit from, according to Table I, if point 6.1. were not applied.
- 6.3. A Member State wishing to benefit from the system referred to in point 6.1. shall submit a request to the Commission, for the regulated gear as laid down in Table I, with reports in electronic format containing the details of the calculation based on:
- (a) the list of vessels authorised to fish by indicating their Union fishing fleet register number (CFR) and their engine power;
 - (b) the number of days at sea for which each vessel would have initially been authorised to fish according to Table I and the number of days at sea which each vessel would benefit from in application of point 6.1.
- 6.4. On the basis of that request, the Commission shall assess whether the conditions referred to in point 6 are complied with and, where applicable, may authorise that Member State to benefit from the system referred to in point 6.1.
7. ALLOCATION OF ADDITIONAL DAYS FOR PERMANENT CESSATION OF FISHING ACTIVITIES
- 7.1. An additional number of days at sea on which a vessel may be authorised by its flag Member State to be present within the area when carrying on board any regulated gear may be allocated to a Member State by the Commission on the basis of permanent cessations of fishing activities that have taken place during the preceding management period either in accordance with Article 23 of Regulation (EC) No 1198/2006 or Regulation (EC) No 744/2008. Permanent cessations resulting from any other circumstances may be considered by the Commission on a case-by-case basis, following a written and duly motivated request from the Member State concerned. Such written request shall identify the vessels concerned and confirm, for each of them, that they shall never return to fishing activities.
- 7.2. The effort expended in 2003 measured in kilowatt days of the withdrawn vessels using a given gear grouping shall be divided by the effort expended by all vessels using that gear grouping during 2003. The additional number of days at sea shall be then calculated by multiplying the ratio so obtained by the number of days that would have been allocated according to Table I. Any part of a day resulting from that calculation shall be rounded to the nearest whole day.
- 7.3. Points 7.1. and 7.2. shall not apply where a vessel has been replaced in accordance with point 4.2., or when the withdrawal has already been used in previous years to obtain additional days at sea.
- 7.4. A Member State wishing to benefit from the allocations referred to in point 7.1. shall submit a request to the Commission, by 15 June of the current management period, with reports in electronic format containing for the gear grouping as laid down in Table I, the details of the calculation based on:
- (a) lists of withdrawn vessels with their Union fishing fleet register number (CFR) and their engine power;
 - (b) the fishing activity deployed by such vessels in 2003 calculated in days at sea according to the grouping of fishing gears.

- 7.5. On the basis of such a request by a Member State the Commission may, by means of implementing acts, allocate that Member State a number of days additional to that referred to in point 5 for that Member State. Those implementing acts shall be adopted in accordance with the examination procedure referred to in Article 42(2).
- 7.6. During the current management period, a Member State may re-allocate those additional days at sea to all or part of the vessels remaining in fleet and qualified for the regulated gears.
- 7.7. When the Commission allocates additional days at sea due to a permanent cessation of fishing activities during the preceding management period the maximum number of days per Member State and gear shown in Table I shall be adjusted accordingly for the current management period.
8. **ALLOCATION OF ADDITIONAL DAYS FOR ENHANCED SCIENTIFIC OBSERVER COVERAGE**
- 8.1. Three additional days on which a vessel may be present within the area when carrying on board any regulated gear may be allocated between 1 February 2018 and 31 January 2019 to a Member State by the Commission on the basis of an enhanced programme of scientific observer coverage in partnership between scientists and the fishing industry. Such a programme shall focus in particular on levels of discarding and on catch composition and go beyond the requirements on data collection, as laid down in Regulation (EC) No 199/2008 and its implementing rules for national programmes.
- 8.2. Scientific observers shall be independent from the owner, the master of the fishing vessel and any crew member.
- 8.3. A Member State wishing to benefit from the allocations referred to in point 8.1. shall submit a description of its enhanced scientific observer coverage programme to the Commission for approval.
- 8.4. On the basis of that description, and after consultation with STECF, the Commission may, by means of implementing acts, allocate the Member State concerned a number of days additional to that referred to in point 5 for that Member State and for the vessels, the area and gear concerned by the enhanced programme of scientific observers. Those implementing acts shall be adopted in accordance with the examination procedure referred to in Article 42(2).
- 8.5. If an enhanced scientific observer coverage programme submitted by a Member State has been approved by the Commission in the past and the Member State concerned wishes to continue its application without changes, it shall inform the Commission of the continuation of that programme four weeks before the beginning of the period for which the programme applies.

Chapter IV

Management

9. **GENERAL OBLIGATION**
- Member States shall manage the maximum allowable effort in accordance with Articles 26 to 35 of Regulation (EC) No 1224/2009.
10. **MANAGEMENT PERIODS**
- 10.1. A Member State may divide the days present within the area set out in Table I into management periods of durations of one or more calendar months.

- 10.2. The number of days or hours for which a vessel may be present within the area during a management period shall be fixed by the Member State concerned.
- 10.3. Where a Member State authorises vessels flying its flag to be present within the area by hours, the Member State shall continue measuring the consumption of days as specified in point 9. Upon request by the Commission, the Member State shall demonstrate its precautionary measures taken to avoid an excessive consumption of days within the area due to a vessel terminating presences in the area before the end of a 24-hour period.

Chapter V

Exchanges of fishing effort allocations

11. TRANSFER OF DAYS BETWEEN FISHING VESSELS FLYING THE FLAG OF A MEMBER STATE

- 11.1. A Member State may permit any fishing vessel flying its flag to transfer days present within the area for which it has been authorised to another vessel flying its flag within the area, provided that the product of the days received by a vessel multiplied by its engine power in kilowatts (kilowatt days) is equal to or less than the product of the days transferred by the donor vessel and the engine power in kilowatts of that vessel. The engine power in kilowatts of the vessels shall be that recorded for each vessel in the Union fishing fleet register.
- 11.2. The total number of days present within the area transferred in accordance with point 11.1., multiplied by the engine power in kilowatts of the donor vessel, shall not be higher than the donor vessel's average annual days track record in the area as verified by the fishing logbook in the years 2001, 2002, 2003, 2004 and 2005 multiplied by the engine power in kilowatts of that vessel.
- 11.3. The transfer of days as described in point 11.1. shall be permitted between vessels operating with any regulated gear and during the same management period.
- 11.4. On request from the Commission, Member States shall provide information on the transfers that have taken place. Formats of spreadsheet for the collection and transmission of information referred to in this point may be established by the Commission, by means of implementing acts. Those implementing acts shall be adopted in accordance with the examination procedure referred to in Article 42(2).

12. TRANSFER OF DAYS BETWEEN FISHING VESSELS FLYING THE FLAG OF DIFFERENT MEMBER STATES

Member States may permit transfer of days present within the area for the same management period and within the area between any fishing vessels flying their flags provided that points 4.2., 4.4., 5, 6 and 10 apply *mutatis mutandis*. Where Member States decide to authorise such a transfer, they shall notify the Commission before the transfer takes place, the details of the transfer, including the number of days to be transferred, the fishing effort and, where applicable, the fishing quotas relating thereto.

Chapter VI

Reporting obligations

13. FISHING EFFORT REPORT

Article 28 of Regulation (EC) No 1224/2009 shall apply to vessels falling under the scope of this Annex. The geographical area referred to in that Article shall be understood as the area specified in point 2 of this Annex.

14. COLLECTION OF RELEVANT DATA

Member States shall collect on a quarterly basis the information about total fishing effort deployed within the area for towed gears and static gears, effort deployed by vessels using different types of gear in the area, and the engine power of those vessels in kilowatt days, on the basis of information used for the management of fishing days present within the area as set out in this Annex.

15. COMMUNICATION OF RELEVANT DATA

Upon request from the Commission, Member States shall make available to the Commission a spreadsheet with data specified in point 14 in the format specified in Tables II and III by sending it to the appropriate electronic mailbox address, which shall be communicated to the Member States by the Commission. Member States shall, upon the Commission's request, send detailed information to the Commission on effort allocated and consumed covering all or parts of the 2014 and 2015 management periods, using the data format specified in Tables IV and V.

Table II
Reporting format kW-day information by management period

Member State	Gear	Management period	Cumulative effort declaration
(1)	(2)	(3)	(4)

Table III
Data format kW-day information by management period

Name of field	Maximum number of characters/digits	Alignment ⁽¹⁾ L(eft)/R(ight)	Definition and comments
(1) Member State	3		Member State (Alpha-3 ISO code) in which the vessel is registered
(2) Gear	2		One of the following gear types: BT = beam trawls \geq 80 mm GN = gillnet < 220 mm TN = trammel net or entangling net < 220 mm
(3) Management period	4		One year in the period from the 2006 management period to the current management period
(4) Cumulative effort declaration	7	R	Cumulative amount of fishing effort expressed in kilowatt days deployed from 1 February until 31 January of the relevant management period
⁽¹⁾ Information relevant for transmission of data by fixed-length formatting.			

Table IV
Reporting format for vessel-related information

Member State	CFR	External marking	Length of management period	Gear notified				Days eligible using notified gear(s)				Days spent with notified gear(s)				Transfer of days
				No 1	No 2	No 3	...	No 1	No 2	No 3	...	No 1	No 2	No 3	...	
(1)	(2)	(3)	(4)	(5)	(5)	(5)	(5)	(6)	(6)	(6)	(6)	(7)	(7)	(7)	(7)	(8)

Table V
Data format for vessel-related information

Name of field	Maximum number of characters/digits	Alignment ⁽¹⁾ L(eft)/R(ight)	Definition and comments
(1) Member State	3		Member State (Alpha-3 ISO code) in which vessel is registered
(2) CFR	12		Union fishing fleet register number (CFR) Unique identification number of a fishing vessel Member State (Alpha-3 ISO code) followed by an identifying series (9 characters). Where a series has fewer than 9 characters, additional zeros shall be inserted on the left hand side

Name of field	Maximum number of characters/digits	Alignment ⁽¹⁾ L(eft)/R(ight)	Definition and comments
(3) External marking	14	L	Under Regulation (EEC) No 1381/87
(4) Length of management period	2	L	Length of the management period measured in months
(5) Gears notified	2	L	One of the following gear types: BT = beam trawls ≥ 80 mm GN = gillnet < 220 mm TN = trammel net or entangling net < 220 mm
(6) Special condition applying to notified gear(s)	3	L	Number of days for which the vessel is eligible under Annex IIC for the choice of gears and length of management period notified
(7) Days spent with notified gear(s)	3	L	Number of days the vessel actually spent present within the area and using a gear corresponding to gear notified during the notified management period
(8) Transfers of days	4	L	For days transferred indicate '– number of days transferred' and for days received indicate '+ number of days transferred'
⁽¹⁾ Information relevant for transmission of data by fixed-length formatting.			

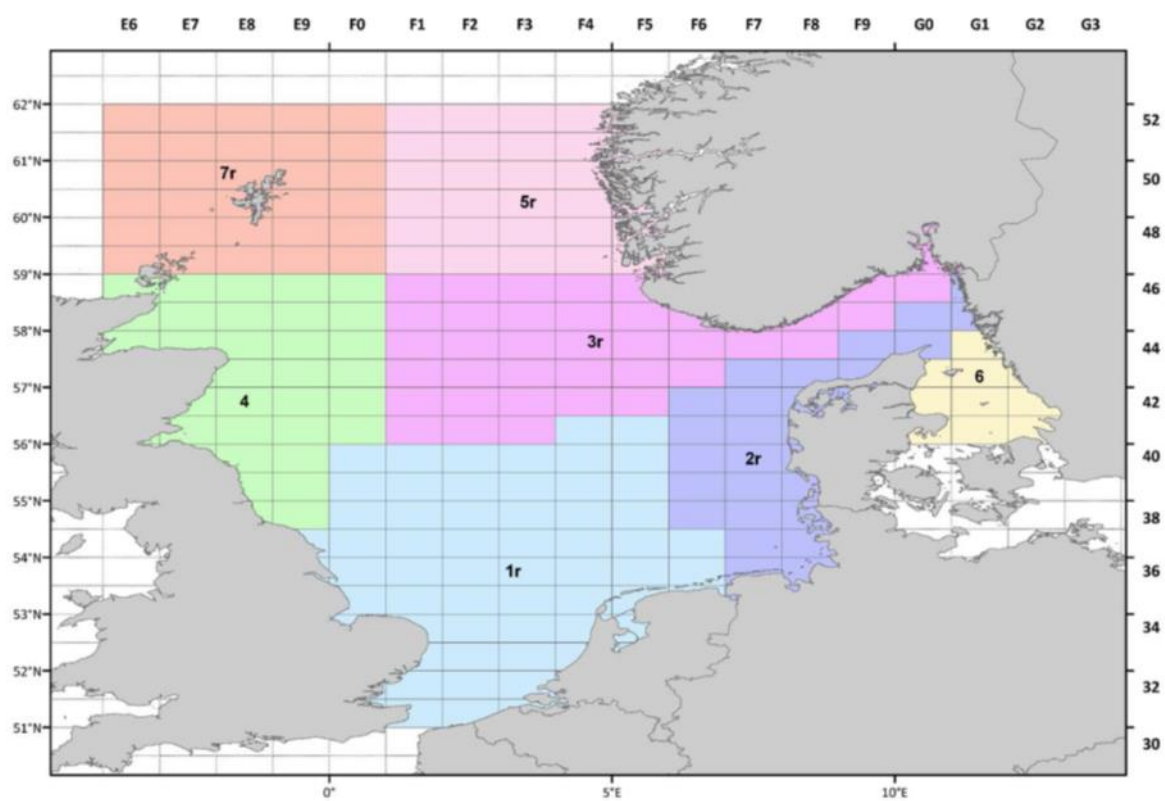
ANNEX IID

MANAGEMENT AREAS FOR SANDEEL IN ICES DIVISIONS 2a, 3a AND ICES SUBAREA 4

For the purposes of the management of the fishing opportunities of sandeel in ICES divisions 2a, 3a and ICES subarea 4 fixed in Annex IA, the management areas within which specific catch limits apply are defined as shown below and in the Appendix to this Annex:

Sandeel management area	ICES statistical rectangles
1r	31–33 E9–F4; 33 F5; 34–37 E9–F6; 38–40 F0–F5; 41 F4–F5
2r	35 F7–F8; 36 F7–F9; 37 F7–F8; 38–41 F6–F8; 42 F6–F9; 43 F7–F9; 44 F9–G0; 45 G0–G1; 46 G1
3r	41–46 F1–F3; 42–46 F4–F5; 43–46 F6; 44–46 F7–F8; 45–46 F9; 46–47 G0; 47 G1 and 48 G0
4	38–40 E7–E9 and 41–46 E6–F0
5r	47–52 F1–F5
6	41–43 G0–G3; 44 G1
7r	47–52 E6–F0

Appendix 1 to Annex IID
SANDEEL MANAGEMENT AREAS



ANNEX III

MAXIMUM NUMBER OF FISHING AUTHORISATIONS FOR UNION FISHING VESSELS FISHING IN THIRD-COUNTRY WATERS

Area of fishing	Fishery	Number of fishing authorisations	Allocation of fishing authorisations amongst Member States		Maximum number of vessels present at any time
Norwegian waters and fishery zone around Jan Mayen	Herring, north of 62° 00' N	pm	DK	pm	pm
			DE	pm	
			FR	pm	
			IE	pm	
			NL	pm	
			PL	pm	
			SV	pm	
			UK	pm	

Area of fishing	Fishery	Number of fishing authorisations	Allocation of fishing authorisations amongst Member States		Maximum number of vessels present at any time
	Demersal species, north of 62° 00' N	pm	DE	pm	pm
			IE	pm	
			ES	pm	
			FR	pm	
			PT	pm	
			UK	pm	
			Unallocated	pm	
	Mackerel ⁽¹⁾	Not relevant	Not relevant		pm
	Industrial species, south of 62° 00' N	pm	DK	pm	pm
			UK	pm	
Faroese waters	All trawl fisheries with vessels of not more than 180 feet in the zone between 12 and 21 miles from the Faroese baselines	pm	BE	pm	pm
			DE	pm	
			FR	pm	
			UK	pm	

Area of fishing	Fishery	Number of fishing authorisations	Allocation of fishing authorisations amongst Member States		Maximum number of vessels present at any time
	Directed fisheries for cod and haddock with a minimum mesh of 135 mm, restricted to the area south of 62° 28' N and east of 6° 30' W	pm ⁽²⁾	Not relevant		pm
	Trawl fisheries outside 21 miles from the Faroese baseline. In the periods from 1 March to 31 May and from 1 October to 31 December, these vessels may operate in the area between 61° 20' N and 62° 00' N and between 12 and 21 miles from the baselines	pm	BE	pm	pm
			DE	pm	
			FR	pm	
			UK	pm	
	Trawl fisheries for blue ling with a minimum mesh of 100 mm in the area south of 61° 30' N and west of 9° 00' W and in the area between 7° 00' W and 9° 00' W south of 60° 30' N and in the area south-west of a line between 60° 30' N, 7° 00' W and 60° 00' N, 6° 00' W	pm	DE ⁽³⁾	pm	pm ⁽⁴⁾
			FR ⁽³⁾	pm	
	Directed trawl fisheries for saithe with a minimum mesh size of 120 mm and with the possibility to use round-straps around the codend	pm	Not relevant		pm ⁽⁴⁾

Area of fishing	Fishery	Number of fishing authorisations	Allocation of fishing authorisations amongst Member States		Maximum number of vessels present at any time
	Fisheries for blue whiting. The total number of fishing authorisations may be increased by four vessels to form pairs, should the Faroese authorities introduce special rules of access to an area called 'main fishing area of blue whiting'	pm	DE	pm	pm
			DK	pm	
			FR	pm	
			NL	pm	
			UK	pm	
			SE	pm	
			ES	pm	
			IE	pm	
			PT	pm	
	Line fisheries	pm	UK	pm	pm

Area of fishing	Fishery	Number of fishing authorisations	Allocation of fishing authorisations amongst Member States		Maximum number of vessels present at any time
	Mackerel	pm	DK	pm	pm
			BE	pm	
			DE	pm	
			FR	pm	
			IE	pm	
			NL	pm	
			SE	pm	
			UK	pm	
	Herring, north of 62° 00' N	pm	DK	pm	pm
			DE	pm	
			IE	pm	
			FR	pm	
			NL	pm	
			PL	pm	
			SE	pm	
			UK	pm	

Area of fishing	Fishery	Number of fishing authorisations	Allocation of fishing authorisations amongst Member States		Maximum number of vessels present at any time
I, IIb ⁽⁵⁾	Fishery for snow crab with pots	pm	EE	pm	Not applicable
			ES	pm	
			LV	pm	
			LT	pm	
			PL	pm	
⁽¹⁾ Without prejudice to additional licences granted to Sweden by Norway in accordance with established practice.					
⁽²⁾ These figures are included in the figures for all trawl fisheries with vessels of not more than 180 feet in the zone between 12 and 21 miles from the Faroese baselines.					
⁽³⁾ These figures refer to the maximum number of vessels present at any time.					
⁽⁴⁾ These figures are included in the figures for ‘Trawl fisheries outside 21 miles from the Faroese baselines’.					
⁽⁵⁾ The allocation of fishing opportunities available to the Union in the zone of Svalbard is without prejudice to the rights and obligations deriving from the Treaty of Paris of 1920.					

ANNEX IV

ICCAT CONVENTION AREA¹

1. Maximum number of Union bait boats and trolling boats authorised to fish actively for bluefin tuna between 8 kg/75 cm and 30 kg/115 cm in the Eastern Atlantic

Spain	pm
France	pm
Union	pm

2. Maximum number of Union coastal artisanal fishing vessels authorised to fish actively for bluefin tuna between 8 kg/75 cm and 30 kg/115 cm in the Mediterranean

Spain	pm
France	pm
Italy	pm
Cyprus	pm ²
Malta	pm ²
Union	pm

¹ The numbers shown in sections 1, 2 and 3 may decrease in order to comply with international obligations of the Union.

² This number may increase if a purse seine vessel is replaced by 10 longline vessels in accordance with footnote 4 or footnote 6 of table A in point 4 of this Annex.

3. Maximum number of Union fishing vessels authorised to fish actively for bluefin tuna between 8 kg/75 cm and 30 kg/115 cm in the Adriatic Sea for farming purposes

Croatia	pm
Italy	pm
Union	pm

4. Maximum number and total capacity in gross tonnage of fishing vessels of each Member State that may be authorised to fish for, retain on board, tranship, transport, or land bluefin tuna in the eastern Atlantic and Mediterranean

Table A

	Number of fishing vessels ¹						
	Cyprus ²	Greece ³	Croatia	Italy	France	Spain	Malta ⁴
Purse Seiners	pm	pm	pm	pm	pm	pm	pm
Longliners	pm ⁵	pm	pm	pm	pm	pm	pm
Baitboat	pm	pm	pm	pm	pm	pm	pm
Handline	pm	pm	pm	pm	pm ⁶	pm	pm
Trawler	pm	pm	pm	pm	pm	pm	pm
Other artisanal ⁷	pm	pm	pm	pm	pm	pm	pm

Table B

	Total capacity in gross tonnage						
	Cyprus	Croatia	Greece	Italy	France	Spain	Malta
Purse Seiners	To be established	To be established	To be established	To be established	To be established	To be established	To be established
Longliners	To be established	To be established	To be established	To be established	To be established	To be established	To be established
Baitboats	To be established	To be established	To be established	To be established	To be established	To be established	To be established

¹ The numbers in this Table A of section 4 may be further increased, provided that the international obligations of the Union are complied with.

² One medium size purse seiner may be replaced by no more than 10 longline vessels or one small purse seiner and no more than three longline vessels.

³ One medium size purse seiner may be replaced by no more than 10 longline vessels or one small size purse seine vessel and three other artisanal vessels.

⁴ One medium size purse seiner may be replaced by no more than 10 longline vessels.

⁵ Polyvalent vessels, using multi-gear equipment.

⁶ Line vessels operating in the Atlantic.

⁷ Polyvalent vessels, using multi-gear equipment (longline, handline, trolling line).

	Total capacity in gross tonnage						
	Cyprus	Croatia	Greece	Italy	France	Spain	Malta
Handlines	To be established	To be established	To be established	To be established	To be established	To be established	To be established
Trawlers	To be established	To be established	To be established	To be established	To be established	To be established	To be established
Other artisanal	To be established	To be established	To be established	To be established	To be established	To be established	To be established

5. Maximum number of traps engaged in the eastern Atlantic and Mediterranean bluefin tuna fishery authorised by each Member State

	Number of traps ¹
Spain	pm
Italy	pm
Portugal	pm

6. Maximum bluefin tuna farming capacity and fattening capacity for each Member State and maximum input of wild caught bluefin tuna that each Member State may allocate to its farms in the eastern Atlantic and Mediterranean

Table A

Maximum tuna farming capacity and fattening capacity		
	Number of farms	Capacity (in tonnes)
Spain	pm	pm
Italy	pm	pm
Greece	pm	pm
Cyprus	pm	pm
Croatia	pm	pm
Malta	pm	pm

Table B²

Maximum input of wild caught bluefin tuna (in tonnes)	
Spain	pm
Italy	pm

¹ This number may be further increased, provided that the international obligations of the Union are complied with.

² The farming capacity of Portugal of 500 tonnes is covered by the unused capacity of the Union set out in table A.

Maximum input of wild caught bluefin tuna (in tonnes)	
Greece	pm
Cyprus	pm
Croatia	pm
Malta	pm
Portugal	pm

7. The distribution between the Member States of the maximum number of fishing vessels flying the flag of a Member State authorised to fish for northern albacore as a target species in accordance with Article 12 of Regulation (EC) No 520/2007 shall be as follows:

Member State	Maximum number of vessels
Ireland	pm
Spain	pm
France	pm
United Kingdom	pm
Portugal	pm

8. Maximum number of Union fishing vessels of at least 20 meters length that fish for bigeye tuna in the ICCAT Convention Area shall be as follows:

Member State	Maximum number of vessels with purse seines	Maximum number of vessels with longlines
Spain	pm	pm
France	pm	pm
Portugal	pm	pm
Union	pm	pm

ANNEX V

CCAMLR CONVENTION AREA

PART A

PROHIBITION OF DIRECTED FISHING IN CCAMLR CONVENTION AREA

Target species	Zone	Period of prohibition
Sharks (all species)	Convention Area	pm
<i>Notothernia rossii</i>	FAO 48.1. Antarctic, in the Peninsula Area FAO 48.2. Antarctic, around the South Orkneys FAO 48.3. Antarctic, around South Georgia	pm
Finfish	FAO 48.1. Antarctic ⁽¹⁾ FAO 48.2. Antarctic ⁽¹⁾	pm
<i>Gobionotothen gibberifrons</i> <i>Chaenocephalus aceratus</i> <i>Pseudochaenichthys georgianus</i> <i>Lepidonotothen squamifrons</i> <i>Patagonotothen guntheri</i> <i>Electrona carlsbergi</i> ⁽¹⁾	FAO 48.3.	pm
<i>Dissostichus</i> spp.	FAO 48.5. Antarctic	pm

Target species	Zone	Period of prohibition
<i>Dissostichus</i> spp.	FAO 88.3. Antarctic ⁽¹⁾ FAO 58.5.1. Antarctic ^{(1) (2)} FAO 58.5.2. Antarctic east of 79° 20' E and outside the EEZ to the west of 79° 20' E ⁽¹⁾ FAO 58.4.4. Antarctic ^{(1) (2)} FAO 58.6. Antarctic ^{(1) (2)} FAO 58.7. Antarctic ⁽¹⁾	pm
<i>Lepidonotothen squamifrons</i>	FAO 58.4.4. ^{(1) (2)}	pm
All species except <i>Champsocephalus gunnari</i> and <i>Dissostichus eleginoides</i>	FAO 58.5.2. Antarctic	pm
<i>Dissostichus mawsoni</i>	FAO 48.4. Antarctic ⁽¹⁾ within the area bounded by latitudes 55° 30' S and 57° 20' S and by longitudes 25° 30' W and 29° 30' W	pm
⁽¹⁾ Except for scientific research purposes. ⁽²⁾ Excluding waters subject to national jurisdiction (EEZs).		

PART B
TACs AND BY-CATCH LIMITS FOR EXPLORATORY FISHERIES IN THE CCAMLR CONVENTION AREA IN 2016/2017

Subarea/ Division	Region	Season	SSRUs		<i>Dissostichus mawsoni</i> catch limit (in tonnes)		By-catch catch limit (in tonnes)		
			SSRU	Limit			Skates and rays	<i>Macrourus</i> spp.	Other species
58.4.1.	Whole Division	pm	A, B, D, F, H	pm	pm	5841-1	pm	pm	pm
			C (including 58.4.1_1, 58.4. 1_2)	pm		5841-2	pm	pm	pm
			E (58.4.1_3, 58.4.1_4)	pm		5841-3	pm	pm	pm
						5841-4	pm	pm	pm
			G (including 58.4.1_5, 58.4.1_6)	pm		5841-5	pm	pm	pm
						5841-6	pm	pm	pm
58.4.2.	Whole Division	pm	A, B, C, D	pm	pm		pm	pm	pm
			E (including 58.4.2_1)	pm					
58.4.3a.	Whole Division58.4.3a._1	pm		pm	pm		pm	pm	pm
			Not relevant	pm					
				pm					

Subarea/ Division	Region	Season	SSRUs		<i>Dissostichus mawsoni</i> catch limit (in tonnes)		By-catch catch limit (in tonnes)				
			SSRU	Limit				Skates and rays	<i>Macrourus</i> spp.	Other species	
88.1.	Whole Subarea	pm	A, D, E, F, M	pm	pm						
			B, C, G	pm		A, D, E, F, M	pm	A, D, E, F, M	pm	A, D, E, F, M	pm
			H, I, K	pm		B, C, G	pm	B, C, G	pm	B, C, G	pm
			J, L	pm		H, I, K	pm	H, I, K	pm	H, I, K	pm
				pm		J, L	pm	J, L	pm	J, L	pm
88.2.		pm	A, B, I	pm	pm		pm				
			C, D, E, F, G (88.2_1 to 88.2_4)	pm		A, B	pm	A, B	pm	A, B	pm
			H	pm		C, D, E, F, G, H, I	pm	C, D, E, F, G, H, I	pm	C, D, E, F, G, H, I	pm

List of Small-Scale Research Units (SSRUs)

Region	SSRU	Boundary line
48.6	A	From 50° S 20° W, due east to 1°30' E, due south to 60° S, due west to 20° W, due north to 50° S.
	B	From 60° S 20° W, due east to 10° W, due south to coast, westward along coast to 20° W, due north to 60° S.
	C	From 60° S 10° W, due east to 0° longitude, due south to coast, westward along coast to 10° W, due north to 60° S.
	D	From 60° S 0° longitude, due east to 10° E, due south to coast, westward along coast to 0° longitude, due north to 60° S.
	E	From 60° S 10° E, due east to 20° E, due south to coast, westward along coast to 10° E, due north to 60° S.
	F	From 60° S 20° E, due east to 30° E, due south to coast, westward along coast to 20° E, due north to 60° S.
	G	From 50° S 1° 30' E, due east to 30° E, due south to 60° S, due west to 1° 30' E, due north to 50° S.
58.4.1	A	From 55° S 86° E, due east to 150° E, due south to 60° S, due west to 86° E, due north to 55° S.
	B	From 60° S 86° E, due east to 90° E, due south to coast, westward along coast to 80° E, due north to 64° S, due east to 86° E, due north to 60° S.
	C	From 60° S 90° E, due east to 100° E, due south to coast, westward along coast to 90° E, due north to 60° S.
	D	From 60° S 100° E, due east to 110° E, due south to coast, westward along coast to 100° E, due north to 60° S.
	E	From 60° S 110° E, due east to 120° E, due south to coast, westward along coast to 110° E, due north to 60° S.
	F	From 60° S 120° E, due east to 130° E, due south to coast, westward along coast to 120° E, due north to 60° S.

Region	SSRU	Boundary line
	G	From 60° S 130° E, due east to 140° E, due south to coast, westward along coast to 130° E, due north to 60° S.
	H	From 60° S 140° E, due east to 150° E, due south to coast, westward along coast to 140° E, due north to 60° S.
58.4.2	A	From 62° S 30° E, due east to 40° E, due south to coast, westward along coast to 30° E, due north to 62° S.
	B	From 62° S 40° E, due east to 50° E, due south to coast, westward along coast to 40° E, due north to 62° S.
	C	From 62° S 50° E, due east to 60° E, due south to coast, westward along coast to 50° E, due north to 62° S.
	D	From 62° S 60° E, due east to 70° E, due south to coast, westward along coast to 60° E, due north to 62° S.
	E	From 62° S 70° E, due east to 73° 10' E, due south to 64° S, due east to 80° E, due south to coast, westward along coast to 70° E, due north to 62° S.
58.4.3a	A	Whole division, from 56° S 60° E, due east to 73° 10' E, due south to 62° S, due west to 60° E, due north to 56° S.
58.4.3b	A	From 56° S 73° 10' E, due east to 79° E, south to 59° S, due west to 73° 10' E, due north to 56° S.
	B	From 60° S 73° 10' E, due east to 86° E, south to 64° S, due west to 73° 10' E, due north to 60° S.
	C	From 59° S 73° 10' E, due east to 79° E, south to 60° S, due west to 73° 10' E, due north to 59° S.
	D	From 59° S 79° E, due east to 86° E, south to 60° S, due west to 79° E, due north to 59° S.
	E	From 56° S 79° E, due east to 80° E, due north to 55° S, due east to 86° E, south to 59° S, due west to 79° E, due north to 56° S.

Region	SSRU	Boundary line
58.4.4	A	From 51° S 40° E, due east to 42° E, due south to 54° S, due west to 40° E, due north to 51° S.
	B	From 51° S 42° E, due east to 46° E, due south to 54° S, due west to 42° E, due north to 51° S.
	C	From 51° S 46° E, due east to 50° E, due south to 54° S, due west to 46° E, due north to 51° S.
	D	Whole division excluding SSRUs A, B, C, and with outer boundary from 50° S 30° E, due east to 60° E, due south to 62° S, due west to 30° E, due north to 50° S.
58.6	A	From 45° S 40° E, due east to 44° E, due south to 48° S, due west to 40° E, due north to 45° S.
	B	From 45° S 44° E, due east to 48° E, due south to 48° S, due west to 44° E, due north to 45° S.
	C	From 45° S 48° E, due east to 51° E, due south to 48° S, due west to 48° E, due north to 45° S.
	D	From 45° S 51° E, due east to 54° E, due south to 48° S, due west to 51° E, due north to 45° S.
58.7	A	From 45° S 37° E, due east to 40° E, due south to 48° S, due west to 37° E, due north to 45° S.
88.1	A	From 60° S 150° E, due east to 170° E, due south to 65° S, due west to 150° E, due north to 60° S.
	B	From 60° S 170° E, due east to 179° E, due south to 66°40' S, due west to 170° E, due north to 60° S.
	C	From 60° S 179° E, due east to 170° W, due south to 70° S, due west to 178° W, due north to 66°40' S, due west to 179° E, due north to 60° S.
	D	From 65° S 150° E, due east to 160° E, due south to coast, westward along coast to 150° E, due north to 65° S.

Region	SSRU	Boundary line
	E	From 65° S 160° E, due east to 170° E, due south to 68° 30' S, due west to 160° E, due north to 65° S.
	F	From 68° 30' S 160° E, due east to 170° E, due south to coast, westward along coast to 160° E, due north to 68° 30' S.
	G	From 66° 40' S 170° E, due east to 178° W, due south to 70° S, due west to 178° 50' E, due south to 70° 50' S, due west to 170° E, due north to 66° 40' S.
	H	From 70° 50' S 170° E, due east to 178° 50' E, due south to 73° S, due west to coast, northward along coast to 170° E, due north to 70° 50' S.
	I	From 70° S 178° 50' E, due east to 170° W, due south to 73° S, due west to 178° 50' E, due north to 70° S.
	J	From 73° S at coast near 170° E, due east to 178° 50' E, due south to 80° S, due west to 170° E, northward along coast to 73° S.
	K	From 73° S 178° 50' E, due east to 170° W, due south to 76° S, due west to 178° 50' E, due north to 73° S.
	L	From 76° S 178° 50' E, due east to 170° W, due south to 80° S, due west to 178° 50' E, due north to 76° S.
	M	From 73° S at coast near 169° 30' E, due east to 170° E, due south to 80° S, due west to coast, northward along coast to 73° S.
88.2	A	From 60° S 170° W, due east to 160° W, due south to coast, westward along coast to 170° W, due north to 60° S.
	B	From 60° S 160° W, due east to 150° W, due south to coast, westward along coast to 160° W, due north to 60° S.
	C	From 70° 50' S 150° W, due east to 140° W, due south to coast, westward along coast to 150° W, due north to 70° 50' S.
	D	From 70° 50' S 140° W, due east to 130° W, due south to coast, westward along coast to 140° W, due north to 70° 50' S.

Region	SSRU	Boundary line
	E	From 70° 50' S 130° W, due east to 120° W, due south to coast, westward along coast to 130° W, due north to 70° 50' S.
	F	From 70° 50' S 120° W, due east to 110° W, due south to coast, westward along coast to 120° W, due north to 70° 50' S.
	G	From 70°50' S 110° W, due east to 105° W, due south to coast, westward along coast to 110° W, due north to 70° 50' S.
	H	From 65° S 150° W, due east to 105° W, due south to 70° 50' S, due west to 150° W, due north to 65° S.
	I	From 60° S 150° W, due east to 105° W, due south to 65° S, due west to 150°W, due north to 60° S.
88.3	A	From 60° S 105° W, due east to 95° W, due south to coast, westward along coast to 105° W, due north to 60° S.
	B	From 60° S 95° W, due east to 85° W, due south to coast, westward along coast to 95° W, due north to 60° S.
	C	From 60° S 85° W, due east to 75° W, due south to coast, westward along coast to 85° W, due north to 60° S.
	D	From 60° S 75° W, due east to 70° W, due south to coast, westward along coast to 75° W, due north to 60° S.

PART C

ANNEX 21-03/A

NOTIFICATION OF INTENT TO PARTICIPATE IN A FISHERY
FOR EUPHAUSIA SUPERBA

General information

Member:

Fishing season:

Name of vessel:

Expected level of catch (tonne):

Vessel's daily processing capacity (tonnes in green weight):

Intended fishing subareas and divisions

This conservation measure applies to notifications of intentions to fish for krill in Subareas 48.1, 48.2, 48.3 and 48.4 and Divisions 58.4.1 and 58.4.2. Intentions to fish for krill in other subareas and divisions must be notified under Conservation Measure 21-02.

Subarea/Division	Tick the appropriate boxes
48.1	<input type="checkbox"/>
48.2	<input type="checkbox"/>
48.3	<input type="checkbox"/>
48.4	<input type="checkbox"/>
58.4.1	<input type="checkbox"/>
58.4.2	<input type="checkbox"/>

Fishing technique: Tick the appropriate boxes

- ☐ Conventional trawl
☐ Continuous fishing system
☐ Pumping to clear codend
☐ Other method: Please specify

Product types and methods for direct estimation of green weight of krill caught

Product type	Method for direct estimation of green weight of krill caught, where relevant (refer to Annex 21-03/B) ⁽¹⁾
Whole frozen	
Boiled	
Meal	
Oil	
Other product, please specify	
⁽¹⁾ If the method is not listed in Annex 21-03/B, then please describe in detail	

Net configuration

Net measurements	Net 1		Net 2		Other net(s)	
Net opening (mouth)						
Maximum vertical opening (m)						
Maximum horizontal opening (m)						
Net circumference at mouth ⁽¹⁾ (m)						
Mouth area (m ²)						
Panel average mesh size ⁽³⁾ (mm)	Outer ⁽²⁾	Inner ⁽²⁾	Outer ⁽²⁾	Inner ⁽²⁾	Outer ⁽²⁾	Inner ⁽²⁾
1st panel						
2nd panel						
3rd panel						

...						
Final panel (Codend)						
(1)	Expected in operational conditions.					
(2)	Size of outer mesh, and inner mesh where a liner is used.					
(3)	Inside measurement of stretched mesh based on the procedure in Conservation Measure 22-01.					

Net diagram(s):

For each net used, or any change in net configuration, refer to the relevant net diagram in the CCAMLR fishing gear library if available (www.ccamlr.org/node/74407), or submit a detailed diagram and description to the forthcoming meeting of WG-EMM. Net diagrams must include:

1. Length and width of each trawl panel (in sufficient detail to allow calculation of the angle of each panel with respect to water flow.)
2. Mesh size (inside measurement of stretched mesh based on the procedure in Conservation Measure 22-01), shape (e.g. diamond shape) and material (e.g. polypropylene).
3. Mesh construction (e.g. knotted, fused).
4. Details of streamers used inside the trawl (design, location on panels, indicate 'nil' if streamers are not in use); streamers prevent krill fouling the mesh or escaping.

Marine mammal exclusion device

Device diagram(s):

For each type of device used, or any change in device configuration, refer to the relevant diagram in the CCAMLR fishing gear library if available (www.ccamlr.org/node/74407), or submit a detailed diagram and description to the forthcoming meeting of WG-EMM.

Collection of acoustic data

Provide information on the echosounders and sonars used by the vessel.

Type (e.g. echosounder, sonar)			
Manufacturer			
Model			
Transducer frequencies (kHz)			

Collection of acoustic data (detailed description):.....

Outline steps which will be taken to collect acoustic data to provide information on the distribution and abundance of *Euphausia superba* and other pelagic species such as *myctophiids* and *salps* (SC-CAMLR-XXX, paragraph 2.10)

GUIDELINES FOR ESTIMATING
THE GREEN WEIGHT OF KRILL CAUGHT

Method	Equation (kg)	Parameter			
		Description	Type	Estimation method	Unit
Holding tank volume	$W \cdot L \cdot H \cdot \rho \cdot 1\,000$	W = tank width	Constant	Measure at the start of fishing	m
		L = tank length	Constant	Measure at the start of fishing	m
		ρ = volume-to-mass conversion factor	Variable	Volume-to-mass conversion	kg/litre
		H = depth of krill in tank	Haul-specific	Direct observation	m
Flow meter ⁽¹⁾	$V \cdot F_{\text{krill}} \cdot \rho$	V = volume of krill and water combined	Haul ¹ -specific	Direct observation	litre
		F_{krill} = fraction of krill in the sample	Haul ¹ -specific	Flow meter volume correction	-
		ρ = volume-to-mass conversion factor	Variable	Volume-to-mass conversion	kg/litre
Flow meter ⁽²⁾	$(V \cdot \rho) - M$	V = volume of krill paste	Haul ¹ -specific	Direct observation	litre
		M = amount of water added to the process, converted to mass	Haul ¹ -specific	Direct observation	kg
		ρ = density of krill paste	Variable	Direct observation	kg/litre

Method	Equation (kg)	Parameter			
		Description	Type	Estimation method	Unit
Flow scale	$M*(1-F)$	M = mass of krill and water combined	Haul ² -specific	Direct observation	kg
		F = fraction of water in the sample	Variable	Flow scale mass correction	-
Plate tray	$(M-M_{\text{tray}})*N$	M_{tray} = mass of empty tray	Constant	Direct observation prior to fishing	kg
		M = mean mass of krill and tray combined	Variable	Direct observation, prior to freezing with water drained	kg
		N = number of trays	Haul-specific	Direct observation	-
Meal conversion	$M_{\text{meal}}*MCF$	M_{meal} = mass of meal produced	Haul-specific	Direct observation	kg
		MCF = meal conversion factor	Variable	Meal to whole krill conversion	-
Codend volume	$W*H*L*\rho*\pi/4*1\ 000$	W = codend width	Constant	Measure at the start of fishing	m
		H = codend height	Constant	Measure at the start of fishing	m
		ρ = volume-to-mass conversion factor	Variable	Volume-to-mass conversion	kg/litre
		L = codend length	Haul-specific	Direct observation	m
Other	Please specify				
⁽¹⁾ Individual haul when using a conventional trawl, or integrated over a six-hour period when using the continuous fishing system. ⁽²⁾ Individual haul when using a conventional trawl, or a two-hour period when using the continuous fishing system.					

Observation steps and frequency

Holding tank volume

At the start of fishing	Measure the width and length of the holding tank (if the tank is not rectangular in shape, then additional measurements may be required; precision $\pm 0,05$ m)
Every month ⁽¹⁾	Estimate the volume-to-mass conversion derived from the drained mass of krill in a known volume (e.g. 10 litres) taken from the holding tank
Every haul	Measure the depth of krill in the tank (if krill are held in the tank between hauls, then measure the difference in depth; precision $\pm 0,1$ m) Estimate the green weight of krill caught (using equation)

Flow meter ⁽¹⁾

Prior to fishing	Ensure that the flow meter is measuring whole krill (i.e. prior to processing)
More than once per month ⁽¹⁾	Estimate the volume-to-mass conversion (ρ) derived from the drained mass of krill in a known volume (e.g. 10 litres) taken from the flow meter
Every haul ⁽²⁾	Obtain a sample from the flow meter and: measure the volume (e.g. 10 litres) of krill and water combined estimate the flow meter volume correction derived from the drained volume of krill Estimate the green weight of krill caught (using equation)

Flow meter ⁽²⁾

Prior to fishing	Ensure that both flow meters (one for the krill product and one for the water added) are calibrated (i.e. show the same, correct reading)
Every week ⁽¹⁾	Estimate the density (ρ) of the krill product (ground krill paste) by measuring the mass of a known volume of krill product (e.g. 10 litres) taken from the corresponding flow meter

Every haul ⁽²⁾	<p>Read both flow meters, and calculate the total volumes of the krill product (ground krill paste) and that of the water added; density of the water is assumed to be 1 kg/litre</p> <p>Estimate the green weight of krill caught (using equation)</p>
Flow scale	
Prior to fishing	Ensure that the flow scale is measuring whole krill (i.e. prior to processing)
Every haul ⁽²⁾	<p>Obtain a sample from the flow scale and:</p> <p>measure the mass of krill and water combined</p> <p>estimate the flow scale mass correction derived from the drained mass of krill</p> <p>Estimate the green weight of krill caught (using equation)</p>
Plate tray	
Prior to fishing	Measure the mass of the tray (if trays vary in design, then measure the mass of each type; precision $\pm 0,1$ kg)
Every haul	<p>Measure the mass of krill and tray combined (precision $\pm 0,1$ kg)</p> <p>Count the number of trays used (if trays vary in design, then count the number of trays of each type)</p> <p>Estimate the green weight of krill caught (using equation)</p>
Meal conversion	
Every month ⁽¹⁾	Estimate the meal to whole krill conversion by processing 1 000 to 5 000 kg (drained mass) of whole krill
Every haul	<p>Measure the mass of meal produced</p> <p>Estimate the green weight of krill caught (using equation)</p>

Codend volume

At the start of fishing	Measure the width and height of the codend (precision $\pm 0,1$ m)
Every month ⁽¹⁾	Estimate the volume-to-mass conversion derived from the drained mass of krill in a known volume (e.g. 10 litres) taken from the codend
Every haul	Measure the length of codend containing krill (precision $\pm 0,1$ m) Estimate the green weight of krill caught (using equation)

⁽¹⁾ A new period will commence when the vessel moves to a new subarea or division.

⁽²⁾ Individual haul when using a conventional trawl, or integrated over a six-hour period when using the continuous fishing system.

ANNEX VI

IOTC AREA OF COMPETENCE

1. Maximum number of Union fishing vessels authorised to fish for tropical tunas in the IOTC Area of Competence

Member State	Maximum number of vessels	Capacity (gross tonnage)
Spain	pm	pm
France	pm	pm
Portugal	pm	pm
Italy	pm	pm
Union	pm	pm

2. Maximum number of Union fishing vessels authorised to fish for swordfish and albacore in the IOTC Area of Competence

Member State	Maximum number of vessels	Capacity (gross tonnage)
Spain	pm	pm
France	pm ⁽¹⁾	pm
Portugal	pm	pm
United Kingdom	pm	pm
Union	pm	pm
⁽¹⁾ This figure does not include vessels registered in Mayotte; it may be increased in the future in accordance with Mayotte's fleet development plan.		

3. The vessels referred to in point 1 shall also be authorised to fish for swordfish and albacore in the IOTC Area of Competence.
4. The vessels referred to in point 2 shall also be authorised to fish for tropical tunas in the IOTC Area of Competence.
-

ANNEX VII

WCPFC CONVENTION AREA

Maximum number of Union fishing vessels authorised to fish for swordfish in areas south of 20° S of the WCPFC Convention Area

Spain	pm
Union	pm

ANNEX VIII

QUANTITATIVE LIMITATIONS OF FISHING AUTHORISATIONS FOR THIRD-COUNTRY VESSELS FISHING IN UNION WATERS

Flag State	Fishery	Number of fishing authorisations	Maximum number of vessels present at any time
Norway	Herring, north of 62° 00' N	pm	pm
Faroe Islands	Mackerel, 6a (north of 56° 30' N), 2a, 4a (north of 59° N) Horse mackerel, 4, 6a (north of 56° 30' N), 7e, 7f, 7h	pm	pm
	Herring, north of 62° 00' N	pm	pm
	Herring, 3a	pm	pm
	Industrial fishing for Norway pout, 4, 6a (north of 56° 30' N) (including unavoidable by-catches of blue whiting)	pm	pm
	Ling and tusk	pm	pm
	Blue whiting, 2, 4a, 5, 6a (north of 56° 30' N), 6b, 7 (west of 12° 00' W)	pm	pm
	Blue ling	pm	pm
Venezuela ⁽¹⁾	Snappers (French Guiana waters)	pm	pm
⁽¹⁾ To issue those fishing authorisations, proof must be produced that a valid contract exists between the ship owner applying for the fishing authorisation and a processing undertaking situated in the Department of French Guiana, and that it includes an obligation to land at least 75 % of all snapper catches from the vessel concerned in that department so that they may be processed in that undertaking's plant. Such a contract must be endorsed by the French authorities, which shall ensure that it is consistent both with the actual capacity of the contracting processing undertaking and with the objectives for the development of the Guianese economy. A copy of the duly endorsed contract shall be appended to the fishing authorisation application. Where such an endorsement is refused, the French authorities shall give notification of this refusal and state their reasons for it to the party concerned and to the Commission.			