

# COMMISSION SERVICES NON PAPER

## 8<sup>th</sup> December 2017

*This document serves as a basis for discussion at the Working Party on Internal and External Fisheries Policy. It cannot in any circumstances be regarded as the official position of the Commission. It is intended solely for those to whom it is addressed.*

### **Updates to Commission proposal COM(2016) 698 for a Council Regulation fixing for 2017 the fishing opportunities for certain fish stocks and groups of fish stocks, applicable in Union waters and, for Union vessels, in certain non-Union waters**

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1. TABLE OF AMMENDMENTS FOR TOP-UPS

Common name	TAC Unit	Code	ICES landings advice	Top-up as % of ICES landing advice	Top-up in tonnes	TAC proposal including top up	Explanation
<b>Haddock</b>	Union and international waters of VIb, XII and XIV	HAD/6B1214	4 130	13.56%	560	4 690	MS concerned identify tht all catches are by fleet under LO..
<b>Haddock</b>	Union and international waters of Vb and VIa	HAD/5BC6A	2991	6.4%	191	3182	Top up resulting from the methodology; transfer of 3794 total catch with 20.23% discard rate
<b>Hake (overall N. TAC)</b>	Vb, VI, VII, XII and XIV	HKE/571214	62 729	7.86%	4929	67658	Top up is 7.86%, allocation of discards based on landings.
	VIIIabde	HKE/8ABDE	41 837	7.1%	2 971	44 808	TR1 contribution corrected (42.8%)
<b>Hake</b>	VIIIc, IX and X; Union waters of CECAF 34.1.1	HKE/8C3411	6 838	7.6%	519	7357	Allocation of discards based on landings.
<b>Norway lobster</b>	Union waters of IIa and IV	NEP/2AC4-C	19 771	1.33%	263	20 034	Amended to reflect revised ICES advice.
<b>Plaice</b>	IIIa Kattegat	PLE/03AS	2 065	13.5%	278	2 343	Revision of the contribution to discards of fleet under LO; based on JRC data.
<b>Common sole</b>	VIIId	SOL/07D	2 257	6.84%	154	2 411	Allocation of dicards based on landings
<b>Common Sole</b>	VIIIfg	SOL/7FG	782	0.6%	4	786	Allocation of discards based on landings
<b>Common Sole</b>	Union waters of IIa and IV	SOL/24-C	14177	7.2%	1022	15209	All fleets under landing obligation. Estimations made for de minimis amount.

## 2. AMENDMENTS TO APPLY TOP-UPS TO FISHING OPPORTUNITIES TABLES IN ANNEX IA

The corresponding TAC tables in Annex IA of Commission proposal are replaced by the TAC tables below. This concerns TAC tables subject to quota uplifts to take into account that the landing obligation applies to certain demersal fisheries.

Species: Haddock <i>Melanogrammus aeglefinus</i>		Zone: Union and international waters of VIb, XII and XIV (HAD/6B1214)
Belgium	10	Analytical TAC
Germany	59	Article 7(2) of this Regulation applies
France	470	
Ireland	452	
United Kingdom	3 699	
Union	4 690	
TAC	4 690	

Species: Haddock <i>Melanogrammus aeglefinus</i>		Zone: Union and international waters of Vb and VIa (HAD/5BC6A.)
Belgium	7	Analytical TAC
Germany	9	Article 7(2) of this Regulation applies
France	351	
Ireland	250	
United Kingdom	2 565	
Union	3 182	
TAC	3 182	

Species: Hake <i>Merluccius merluccius</i>		Zone: VI and VII; Union and international waters of Vb; international waters of XII and XIV (HKE/571214)
Belgium	622 <sup>(1)</sup>	Analytical TAC
Spain	19 944	Article 7(2) of this Regulation applies
France	30 800 <sup>(1)</sup>	Article 12(1) of this Regulation applies
Ireland	3 732	
The Netherlands	401 <sup>(1)</sup>	
United Kingdom	12 159 <sup>(1)</sup>	
Union	67 658	
TAC	67 658 <sup>(2)</sup>	

(1) Transfers of this quota may be effected to Union waters of IIa and IV. However, such transfers shall be notified in advance to the Commission.

(2) Within the following overall TAC for the northern stock of hake:

119 732

Special condition: within the limits of the abovementioned quotas, no more than the quantities given below may be taken in the following zones:

VIIIa, VIIIb, VIIIc and VIIE (HKE/\*8ABDE)

Belgium	80
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Spain	3 218
France	3 218
Ireland	402
The Netherlands	40
United Kingdom	1 810
Union	8 767

Species: Hake <i>Merluccius merluccius</i>	Zone: VIIIa, VIIIb, VIIIc and VIIIe (HKE/8ABDE.)
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Belgium	20 <sup>(1)</sup>	Analytical TAC
Spain	13 787	Article 7(2) of this Regulation applies
France	30 961	
The Netherlands	40 <sup>(1)</sup>	
Union	44 808	

TAC 44 808 <sup>(2)</sup>

(1) Transfers of this quota may be effected to IV and Union waters of IIa. However, such transfers shall be notified in advance to the Commission.

(2) Within the following overall TAC for the northern stock of hake:

119 732

Special condition: within the limits of the abovementioned quotas, no more than the quantities given below may be taken in the following zones:

VI and VII; Union and international waters of Vb; international waters of XII and XIV (HKE/\*57-14)

Belgium	4
Spain	3 994
France	7 188
The Netherlands	12
Union	11 198

Species: Hake <i>Merluccius merluccius</i>	Zone: VIIIc, IX and X; Union waters of CECAF 34.1.1 (HKE/8C3411)
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Spain	4 708	Analytical TAC
France	452	Article 7(2) of this Regulation applies
Portugal	2 197	
Union	7 357	

TAC 7 357

Species: Norway lobster <i>Nephrops norvegicus</i>	Zone: Union waters of IIa and IV (NEP/2AC4-C)
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Belgium	1 048	Analytical TAC
Denmark	1 048	
Germany	15	
France	31	
The Netherlands	539	
United Kingdom	17 353	
Union	20 034	

TAC 20 034

Species: Plaice <i>Pleuronectes platessa</i>	Zone: Kattegat (PLE/03AS.)
Denmark	2 086
Germany	23
Sweden	234
Union	2 343
TAC	2 343

Species: Common sole <i>Solea solea</i>	Zone: Union waters of IIa and IV (SOL/24-C.)
Belgium	1 267
Denmark	579
Germany	1 013
France	253
The Netherlands	11 436
United Kingdom	651
Union	15 199
Norway	10 <sup>(1)</sup>
TAC	15 209
(1)	May be fished only in Union waters of IV (SOL/*04-C.).

Species: Common sole <i>Solea solea</i>	Zone: VIIId (SOL/07D.)
Belgium	649
France	1 298
United Kingdom	464
Union	2 411
TAC	2 411

Species: Common sole <i>Solea solea</i>	Zone: VIIIf and VIIg (SOL/7FG.)
Belgium	491
France	49
Ireland	25
United Kingdom	221
Union	786
TAC	786

### 3. AMENDMENTS TO ANNEX IA REGARDING RESOLUTION OF THE COD PLAN

The fishing opportunities table for cod in the Irish Sea (VIIa) is replaced by the following:

Species: Cod	Zone: VIIa
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<i>Gadus morhua</i>		(COD/07A.)
Belgium	0	Analytical TAC
France	0	
Ireland	0	
The Netherlands	0	
United Kingdom	0	
Union	0	
TAC	0	

#### 4. AMENDMENTS TO ANNEX IA REGARDING SPRAT IN THE NORTH SEA

The fishing opportunities table for sprat and associated by-catches in Union waters of IIa and IV is replaced by the following:

Species:	Sprat and associated by-catches <i>Sprattus sprattus</i>	Zone:	Union waters of IIa and IV (SPR/2AC4-C)
Belgium	316 <sup>(1)</sup>	Analytical TAC	
Denmark	24 984 <sup>(1)</sup>		
Germany	316 <sup>(1)</sup>		
France	316 <sup>(1)</sup>		
The Netherlands	316 <sup>(1)</sup>		
Sweden	1 330 <sup>(1)(2)</sup>		
United Kingdom	1 042 <sup>(1)</sup>		
Union	28 620		
Norway	0		
Faroe Islands	0 <sup>(3)</sup>		
TAC	28 620		

(1) Without prejudice to the landing obligation, catches of dab and whiting may be counted against up to 2% of the quota (OTH/\*2AC4C), provided that not more than 9% in total of this quota for sprat is accounted for by these catches and by-catches of those species. This provision shall not apply where a Member State uses the flexibility provided in Article 15(8) of Regulation (EU) No 1380/2013.

(2) Including sandeel.

(3) May contain up to 4% of by-catch of herring

#### 5. AMENDMENTS TO ANNEX IG REGARDING SOUTHERN BLUEFIN TUNA

Annex IG is replaced by the following:

##### "ANNEX IG

##### SOUTHERN BLUEFIN TUNA – AREAS OF DISTRIBUTION

Species:	Southern bluefin tuna <i>Thunnus maccoyii</i>	Zone:	All areas of distribution (SBF/F41-81)

Union	10	<sup>(1)</sup>	Analytical TAC Article 3 of Regulation (EC) No 847/96 shall not apply. Article 4 of Regulation (EC) No 847/96 shall not apply.
TAC	14 467		
<sup>(1)</sup>	Exclusively for by-catches. No directed fisheries are permitted under this quota.		

"

## 6. AMENDMENTS TO ANNEX IA REGARDING JOINTLY MANAGED STOCKS AND EXCHANGES WITH THIRD COUNTRIES

The relevant fishing opportunities tables in Annex IA are replaced by the following:

Species:	Tusk <i>Brosme brosme</i>	Zone:	Union and international waters of V, VI and VII (USK/567EI.)
Germany	13	Precautionary TAC	
Spain	46	Article 12(1) of this Regulation applies	
France	548		
Ireland	53		
United Kingdom	264		
Others	13	<sup>(1)</sup>	
Union	937		
Norway	2 923	<sup>(2)(3)(4)(5)</sup>	

TAC 3 860

<sup>(1)</sup> Exclusively for by-catches. No directed fisheries are permitted under this quota.

<sup>(2)</sup> To be fished in Union waters of IIa, IV, Vb, VI and VII (USK/\*24X7C).

<sup>(3)</sup> Special condition: of which an incidental catch of other species of 25 % per ship, at any moment, is authorised in Vb, VI and VII. However, this percentage may be exceeded in the first 24 hours following the beginning of the fishing on a specific ground. The total incidental catch of other species in Vb, VI and VII shall not exceed the following amount in tonnes (OTH/\*5B67-):

3 000

<sup>(4)</sup> Including ling. The following quotas for Norway shall only be fished with long-lines in Vb, VI and VII:

Ling (LIN/*5B67-)	6 500
Tusk (USK/*5B67-)	2 923

<sup>(5)</sup> The tusk and ling quotas for Norway are interchangeable up to the following amount, in tonnes:

0

Species:	Tusk <i>Brosme brosme</i>	Zone:	Norwegian waters of IV (USK/04-N.)
Belgium	0	Precautionary TAC	
Denmark	165	Article 3 of Regulation (EC) No 847/96 shall not apply	
Germany	1	Article 4 of Regulation (EC) No 847/96 shall not apply	
France	0		
The Netherlands	0		
United Kingdom	4		
Union	170		
TAC	Not relevant		

Species:	Herring (1) <i>Clupea harengus</i>	Zone:	IIIa (HER/03A.)
Denmark	21 325 <sup>(2)</sup>	Analytical TAC	
Germany	341 <sup>(2)</sup>	Article 7(2) of this Regulation applies	
Sweden	22 307 <sup>(2)</sup>		
Union	43 973 <sup>(2)</sup>		
Norway	6 767		
Faroe Islands	400 <sup>(3)</sup>		
TAC	50 740		
(1)	Catches of herring taken in fisheries using nets with mesh sizes equal to or larger than 32 mm.		
(2)	Special condition: up to 50 % of this amount may be fished in Union waters of IV (HER/*04-C.).		
(3)	May only be fished in the Skagerrak (HER/*03AN.).		

Species:	Herring (1) <i>Clupea harengus</i>	Zone:	Union and Norwegian waters of IV north of 53° 30' N (HER/4AB.)
Denmark	82 613	Analytical TAC	
Germany	51 066	Article 7(2) of this Regulation applies	
France	23 572		
The Netherlands	60 314		
Sweden	4 900		
United Kingdom	66 300		
Union	288 765		
Faroe Islands	200		
Norway	139 666 <sup>(2)</sup>		
TAC	481 608		
(1)	Catches of herring taken in fisheries using nets with mesh sizes equal to or larger than 32 mm.		
(2)	Catches taken within this quota are to be deducted from Norway's share of the TAC. Within the limit of this quota, no more than the quantity given below may be taken in Union waters of IVa and IVb (HER/*4AB-C).		
	50 000		

Special condition: within the limits of the abovementioned quotas, no more than the quantities given below may be taken in the following zone:

Norwegian waters south of 62° N (HER/\*04N-)(1)

Union	50 000	
(1)	Catches of herring taken in fisheries using nets with mesh sizes equal to or larger than 32 mm.	

Species:	Herring (1) <i>Clupea harengus</i>	Zone:	Norwegian waters south of 62° N (HER/04-N.)
Sweden	1 151 <sup>(1)</sup>	Analytical TAC	
Union	1 151	Article 3 of Regulation (EC) No 847/96 shall not apply Article 4 of Regulation (EC) No 847/96 shall not apply	
TAC	481 608		
(1)	By-catches of cod, haddock, pollack and whiting and saithe are to be counted against the quota for these species.		

Species:	Herring (1) <i>Clupea harengus</i>	Zone:	IIIa (HER/03A-BC)
Denmark	5 692	Analytical TAC	
Germany	51	Article 7(2) of this Regulation applies	



Sweden 916  
 Union 6 659

TAC 6 659  
 (1) Exclusively for catches of herring taken as by-catch in fisheries using nets with mesh sizes smaller than 32 mm.

Species:	Herring (1) <i>Clupea harengus</i>	Zone:	IV, VIId and Union waters of IIa (HER/2A47DX)
Belgium	56	Analytical TAC	
Denmark	10 891	Article 7(2) of this Regulation applies	
Germany	56		
France	56		
The Netherlands	56		
Sweden	53		
United Kingdom	207		
Union	11 375		
Faroe Islands	0		

TAC 11 375  
 (1) Exclusively for catches of herring taken as by-catch in fisheries using nets with mesh sizes smaller than 32 mm.

Species:	Herring (1) <i>Clupea harengus</i>	Zone:	IVc, VIId(2) (HER/4CXB7D)
Belgium	9 310 <sup>(3)</sup>	Analytical TAC	
Denmark	1 202 <sup>(3)</sup>	Article 7(2) of this Regulation applies	
Germany	741 <sup>(3)</sup>		
France	13 142 <sup>(3)</sup>		
The Netherlands	23 475 <sup>(3)</sup>		
United Kingdom	5 107 <sup>(3)</sup>		
Union	52 977		

TAC 481 608  
 (1) Exclusively for catches of herring taken in fisheries using nets with mesh sizes equal to or larger than 32 mm.  
 (2) Except Blackwater stock: reference is to the herring stock in the maritime region of the Thames estuary within a zone delimited by a rhumb line running due south from Landguard Point (51° 56' N, 1° 19,1' E) to latitude 51° 33' N and hence due west to a point on the coast of the United Kingdom.  
 (3) Special condition: up to 50 % of this quota may be taken in IVb (HER/\*04B.).

Species:	Cod <i>Gadus morhua</i>	Zone:	Skagerrak (COD/03AN.)
Belgium	14	Analytical TAC	
Denmark	4 596	Article 7(2) of this Regulation applies	
Germany	115		
The Netherlands	29		
Sweden	804		
Union	5 558		
TAC	5 744		

Species: Cod <i>Gadus morhua</i>	Zone: IV; Union waters of IIa; that part of IIIa not covered by the Skagerrak and Kattegat (COD/2A3AX4)
Belgium	1 159
Denmark	6 659
Germany	4 222
France	1 432
The Netherlands	3 762
Sweden	44
United Kingdom	15 275
Union	32 553
Norway	6 667 <sup>(1)</sup>
TAC	39 220
(1)	May be taken in Union waters. Catches taken within this quota are to be deducted from Norway's share of the TAC.

Special condition: within the limits of the abovementioned quotas, no more than the quantities given below may be taken in the following zone:

Norwegian waters of IV (COD/\*04N-)

Union	28 293
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Species: Cod <i>Gadus morhua</i>	Zone: Norwegian waters south of 62° N (COD/04-N.)
Sweden	382 <sup>(1)</sup>
Union	382
TAC	Not relevant
(1)	By-catches of haddock, pollack and whiting and saithe are to be counted against the quota for these species.

Species: Cod <i>Gadus morhua</i>	Zone: VIId (COD/07D.)
Belgium	88
France	1 730
The Netherlands	51
United Kingdom	190
Union	2 059
TAC	2 059

Species: Common dab and European flounder <i>Limanda limanda</i> and <i>Platichthys flesus</i>	Zone: Union waters of IIa and IV (D/F/2AC4-C)
Belgium	503
Denmark	1 888
Germany	2 832
France	196
The Netherlands	11 421
Sweden	6
TAC	Precautionary TAC

United Kingdom	1 588
Union	18 434
TAC	18 434

Species:	Anglerfish <i>Lophiidae</i>	Zone:	Norwegian waters of IV (ANF/04-N.)
Belgium	45	Precautionary TAC	
Denmark	1 152	Article 3 of Regulation (EC) No 847/96 shall not apply	
Germany	18	Article 4 of Regulation (EC) No 847/96 shall not apply	
The Netherlands	16		
United Kingdom	269		
Union	1 500		
TAC	Not relevant		

Species:	Haddock <i>Melanogrammus aeglefinus</i>	Zone:	IIIa, Union waters of Subdivisions 22-32 (HAD/3A/BCD)
Belgium	10	Analytical TAC	
Denmark	1 667		
Germany	106		
The Netherlands	2		
Sweden	197		
Union	1 982		
TAC	0		

Species:	Haddock <i>Melanogrammus aeglefinus</i>	Zone:	IV; Union waters of IIa (HAD/2AC4.)
Belgium	280	Analytical TAC	
Denmark	1 925		
Germany	1 225		
France	2 135		
The Netherlands	210		
Sweden	136		
United Kingdom	20 494		
Union	26 405		
Norway	7 238		
TAC	33 643		

Special condition: within the limits of the abovementioned quotas, no more than the quantities given below may be taken in the following zones:

Norwegian waters of IV (HAD/*04N-)	
Union	19 641

Species:	Haddock	Zone:	Norwegian waters south of 62° N
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<i>Melanogrammus aeglefinus</i>		(HAD/04-N.)
Sweden	707 <sup>(1)</sup>	Analytical TAC
Union	707	Article 3 of Regulation (EC) No 847/96 shall not apply Article 4 of Regulation (EC) No 847/96 shall not apply
TAC	Not relevant	
<sup>(1)</sup> By-catches of cod, pollack, whiting and saithe are to be counted against the quota for these species.		

Species: Whiting <i>Merlangius merlangus</i>		Zone: IIIa (WHG/03A.)
Denmark	929	Precautionary TAC
The Netherlands	3	
Sweden	99	
Union	1 031	
TAC	0	

Species: Whiting <i>Merlangius merlangus</i>		Zone: IV; Union waters of IIa (WHG/2AC4.)
Belgium	450	Analytical TAC
Denmark	1 944	Article 7(2) of this Regulation applies
Germany	506	
France	2 922	
The Netherlands	1 124	
Sweden	3	
United Kingdom	7 754	
Union	14 703	
Norway	1 300 <sup>(1)</sup>	
TAC	16 003	
<sup>(1)</sup> May be taken in Union waters. Catches taken within this quota are to be deducted from Norway's share of the TAC.		

Special condition: within the limits of the abovementioned quotas, no more than the quantities given below may be taken in the following zones:

Norwegian waters of IV (WHG/\*04N-)

Union	9 961	
Species: Whiting and pollack <i>Merlangius merlangus and Pollachius pollachius</i>		Zone: Norwegian waters south of 62° N (W/P/04-N.)
Sweden	190 <sup>(1)</sup>	Precautionary TAC
Union	190	
TAC	Not relevant	
<sup>(1)</sup> By-catches of cod, haddock and saithe are to be counted against the quota for these species.		

Species:	Blue whiting <i>Micromesistius poutassou</i>	Zone:	Norwegian waters of II and IV (WHB/24-N.)
Denmark	209 469	Analytical TAC	
United Kingdom	11 025		
Union	220 494		
TAC	Not relevant		

Species:	Blue whiting <i>Micromesistius poutassou</i>	Zone:	Union and international waters of I, II, III, IV, V, VI, VII, VIIIa, VIIIb, VIIIc, VIIIe, XII and XIV (WHB/1X14)
Denmark	58 818 <sup>(1)</sup>	Analytical TAC	
Germany	22 869 <sup>(1)</sup>	Article 7(2) of this Regulation applies	
Spain	49 865 <sup>(1)(2)</sup>		
France	40 933 <sup>(1)</sup>		
Ireland	45 547 <sup>(1)</sup>		
The Netherlands	71 721 <sup>(1)</sup>		
Portugal	4 632 <sup>(1)(3)</sup>		
Sweden	14 550 <sup>(1)</sup>		
United Kingdom	76 319 <sup>(1)</sup>		
Union	385 254 <sup>(1)(3)</sup>		
Norway	110 000		
Faroe Islands	9 000		
TAC	Not relevant		
(1)	Special condition: within a total access quantity of 21 500 tonnes for the Union, Member States may fish up to the following percentage of their quotas in Faroese waters (WHB/*05-F.): 9,2%		
(2)	Transfers of this quota may be effected to VIIIc, IX and X; Union waters of CEECAF 34.1.1. However, such transfers shall be notified in advance to the Commission.		
(3)	Special condition: from the EU quotas in Union and international waters of I, II, III, IV, V, VI, VII, VIIIa, VIIIb, VIIIc, VIIIe, XII and XIV (WHB/*NZJM1) and in VIIIc, IX and X; Union waters of CEECAF 34.1.1 (WHB/*NZJM2), the following quantity may be fished in the Norwegian Economic Zone or in the fishery zone around Jan Mayen:		
	220 494		

Species:	Blue whiting <i>Micromesistius poutassou</i>	Zone:	VIIIc, IX and X; Union waters of CEECAF 34.1.1 (WHB/8C3411)
Spain	41 375	Analytical TAC	
Portugal	10 344	Article 7(2) of this Regulation applies	
Union	51 719 <sup>(1)</sup>		
TAC	Not relevant		
(1)	Special condition: from the EU quotas in Union and international waters of I, II, III, IV, V, VI, VII, VIIIa, VIIIb, VIIIc, VIIIe, XII and XIV (WHB/*NZJM1) and in VIIIc, IX and X; Union waters of CEECAF 34.1.1 (WHB/*NZJM2), the following quantity may be fished in the Norwegian Economic Zone or in the fishery zone around Jan Mayen:		
	220 494		

Species:	Blue whiting <i>Micromesistius poutassou</i>	Zone:	Union waters of II, IVa, V, VI north of 56° 30' N and VII west of 12° W (WHB/24A567)
Norway	220 494 <sup>(1)(2)</sup>	Analytical TAC	
Faroe Islands	21 500 <sup>(3)(4)</sup>	Article 7(2) of this Regulation applies	

## TAC

Not  
relevant

- (1) To be counted against Norway's catch limits established under the Coastal States arrangement.
- (2) Special condition: the catch in IVa shall be no more than the following amount (WHB/\*04A-C):
- 55 124

This catch limit in IVa amounts to the following percentage of Norway's access quota:

25%

- (3) To be counted against the catch limits of the Faroe Islands.
- (4) Special conditions: may also be fished in VIb (WHB/\*06B-C). The catch in IVa shall be no more than the following amount (WHB/\*04A-C):
- 5 375

Species:	Blue ling <i>Molva dypterygia</i>	Zone:	Union and international waters of Vb, VI, VII (BLI/5B67-)
Germany	116	Analytical TAC	
Estonia	18	Article 7(2) of this Regulation applies	
Spain	365	Article 12(1) of this Regulation applies	
France	8 323		
Ireland	32		
Lithuania	7		
Poland	4		
United Kingdom	2 117		
Others	32 <sup>(1)</sup>		
Union	11 014		
Norway	150 <sup>(2)</sup>		
Faroe Islands	150 <sup>(3)</sup>		

## TAC

11 314

- (1) Exclusively for by-catches. No directed fisheries are permitted under this quota.
- (2) To be fished in Union waters of IIa, IV, Vb, VI and VII (BLI/\*24X7C).
- (3) By-catches of roundnose grenadier and black scabbardfish to be counted against this quota. To be fished in EU waters of VIa north of 56° 30'N and VIb. This provision shall not apply for catches subject to the landing obligation.

Species:	Ling <i>Molva molva</i>	Zone:	Union waters of IV (LIN/04-C.)
Belgium	2	Precautionary TAC	
Denmark	24		
Germany	15		
France	13		
The Netherlands	1		
Sweden	1		
United Kingdom	179		
Union	235		
TAC	235		

Species:	Ling <i>Molva molva</i>	Zone:	Union and international waters of VI, VII, VIII, IX, X, XII and XIV (LIN/6X14.)
Belgium	51	Precautionary TAC	
Denmark	9	Article 12(1) of this Regulation applies	
Germany	187		
Spain	3 774		

France	4 024	
Ireland	1 008	
Portugal	9	
United Kingdom	4 634	
Union	13 696	
Norway	6 500	(1)(2)(3)
Faroe Islands	200	(4)(5)

TAC 20 396

(1) Special condition: of which an incidental catch of other species of 25 % per ship, at any moment, is authorised in Vb, VI and VII. However, this percentage may be exceeded in the first 24 hours following the beginning of the fishing on a specific ground. The total incidental catch of other species in Vb, VI and VII shall not exceed the following amount in tonnes (OTH/\*6X14.):

3 000

(2) Including tusk. The quotas for Norway shall only be fished with long-lines in Vb, VI and VII, and they amount to:

Ling (LIN/*5B67-)	6 500
Tusk (USK/*5B67-)	2 923

(3) The ling and tusk quotas for Norway are interchangeable up to the following amount, in tonnes:

2 000

(4) Including tusk. To be fished in VIb and VIa north of 56° 30' N (LIN/\*6BAN.).

(5) Special condition: of which an incidental catch of other species of 20 % per ship, at any moment, is authorised in VIa and VIb. However, this percentage may be exceeded in the first 24 hours following the beginning of the fishing on a specific ground. The total incidental catch of other species in VIa and VIb shall not exceed the following amount in tonnes (OTH/\*6AB.):

75

Species:	Ling <i>Molva molva</i>	Zone:	Norwegian waters of IV (LIN/04-N.)
Belgium	9	Precautionary TAC	
Denmark	1 187	Article 3 of Regulation (EC) No 847/96 shall not apply	
Germany	33	Article 4 of Regulation (EC) No 847/96 shall not apply	
France	13		
The Netherlands	2		
United Kingdom	106		
Union	1 350		
TAC	Not relevant		

Species:	Norway lobster <i>Nephrops norvegicus</i>	Zone:	Norwegian waters of IV (NEP/04-N.)
Denmark	947	Analytical TAC	
Germany	0	Article 3 of Regulation (EC) No 847/96 shall not apply	
United Kingdom	53	Article 4 of Regulation (EC) No 847/96 shall not apply	
Union	1 000		
TAC	Not relevant		

Species:	Northern prawn <i>Pandalus borealis</i>	Zone:	IIIa (PRA/03A.)
Denmark	2 429	Analytical TAC	

Sweden	1 309	Article 7(2) of this Regulation applies
Union	3 738	
TAC	7 000	

Species:	Northern prawn <i>Pandalus borealis</i>	Zone:	Union waters of IIa and IV (PRA/2AC4-C)
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Denmark	0	Analytical TAC
The Netherlands	0	
Sweden	0	
United Kingdom	0	
Union	0	

TAC 0

Species:	Northern prawn <i>Pandalus borealis</i>	Zone:	Norwegian waters south of 62° N (PRA/04-N.)
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Denmark	205	Analytical TAC
Sweden	123 <sup>(1)</sup>	Article 3 of Regulation (EC) No 847/96 shall not apply
Union	328	Article 4 of Regulation (EC) No 847/96 shall not apply

TAC Not relevant

(1) By-catches of cod, haddock, pollack, whiting and saithe are to be counted against the quotas for these species.

Species:	Plaice <i>Pleuronectes platessa</i>	Zone:	Skagerrak (PLE/03AN.)
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Belgium	106	Analytical TAC
Denmark	13 733	Article 7(2) of this Regulation applies
Germany	70	
The Netherlands	2 641	
Sweden	736	
Union	17 286	

TAC 17 639

Species:	Plaice <i>Pleuronectes platessa</i>	Zone:	IV; Union waters of IIa; that part of IIIa not covered by the Skagerrak and the Kattegat (PLE/2A3AX4)
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Belgium	7 538	Analytical TAC
Denmark	24 499	Article 7(2) of this Regulation applies
Germany	7 067	
France	1 414	
The Netherlands	47 112	
United Kingdom	34 864	
Union	122 494	
Norway	9 220	

TAC 131 714



Special condition: within the limits of the abovementioned quotas, no more than the quantities given below may be taken in the following zone:

Norwegian waters of IV (PLE/\*04N-)

Union 50 264

Species:	Saithe <i>Pollachius virens</i>	Zone:	IIIa and IV; Union waters of IIa, IIIb, IIIc and Subdivisions 22-32 (POK/2A34.)
Belgium	35	Analytical TAC	
Denmark	4 137	Article 7(2) of this Regulation applies	
Germany	10 447		
France	24 587		
The Netherlands	104		
Sweden	568		
United Kingdom	8 010		
Union	47 888		
Norway	52 399 <sup>(1)</sup>		
TAC	100 287		

(1) May only be taken in Union waters of IV and in IIIa (POK/\*3A4-C). Catches taken within this quota are to be deducted from Norway's share of the TAC.

Species:	Saithe <i>Pollachius virens</i>	Zone:	VI; Union and international waters of Vb, XII and XIV (POK/56-14)
Germany	723	Analytical TAC	
France	7 181	Article 7(2) of this Regulation applies	
Ireland	240		
United Kingdom	1 750		
Union	9 894		
Norway	510 <sup>(1)</sup>		
TAC	10 404		

(1) To be fished north of 56° 30' N (POK/\*5614N).

Species:	Saithe <i>Pollachius virens</i>	Zone:	Norwegian waters south of 62° N (POK/04-N.)
Sweden	880 <sup>(1)</sup>	Analytical TAC	
Union	880	Article 3 of Regulation (EC) No 847/96 shall not apply Article 4 of Regulation (EC) No 847/96 shall not apply	
TAC	Not relevant		

(1) By-catches of cod, haddock, pollack and whiting are to be counted against the quota for these species.

Species:	Greenland halibut	Zone:	Union waters of IIa and IV; Union and international waters of Vb and VI
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<i>Reinhardtius hippoglossoides</i>		(GHL/2A-C46)
Denmark	16	Analytical TAC
Germany	28	
Estonia	16	
Spain	16	
France	259	
Ireland	16	
Lithuania	16	
Poland	16	
United Kingdom	1 017	
Union	1 400	
Norway	1 100 <sup>(1)</sup>	
<b>TAC</b>	<b>2 500</b>	
(1)	To be taken in Union waters of IIa and VI. In VI this quantity may only be fished with long-lines (GHL/*2A6-C).	

Species:	Mackerel	Zone:	IIIa and IV; Union waters of IIa, IIIb, IIIc and Subdivisions 22-32 (MAC/2A34.)
	<i>Scomber scombrus</i>		
Belgium	639 <sup>(1)</sup>	Analytical TAC	
Denmark	22 031 <sup>(1)</sup>		
Germany	666 <sup>(1)</sup>		
France	2 013 <sup>(1)</sup>		
The Netherlands	2 026 <sup>(1)</sup>		
Sweden	6 034 <sup>(1) (2)</sup>		
United Kingdom	1 877 <sup>(1)</sup>		
Union	35 286 <sup>(1) (2)</sup>		
Norway	211 560 <sup>(3)</sup>		
<b>TAC</b>	<b>Not relevant</b>		

(1) Within the limits of the abovementioned quotas, no more than the quantities given below may also be taken in the two following zones:

	Norwegian waters of IIa (MAC/*02AN-)	Faroese waters (MAC/*FRO1)
Belgium	86	91
Denmark	2 968	3 131
Germany	90	95
France	271	286
The Netherlands	273	288
Sweden	813	854
United Kingdom	253	267
Union	4 754	5 012

(2) Special condition: including the following tonnage to be taken in Norwegian waters south of 62° N (MAC/\*04N-):

328

When fishing under this special condition, by-catches of cod, haddock, pollack and whiting and saithe are to be counted against the quotas for these species.

(3) To be deducted from Norway's share of the TAC (access quota). This amount includes the following Norwegian share in the North Sea TAC :

61 341

This quota may be fished in IVa only (MAC/\*04A.), except for the following amount, in tonnes, which may be fished in IIIa (MAC/\*03A.):

3 000

Special condition: within the limits of the abovementioned quotas, no more than the quantities given below may be taken in the following zones:

	IIIa	IIIa and IVbc	IVb	IVc	VI, international waters of IIa, from 1 January to 15 February 2017 and from 1 September to 31 December 2017
	(MAC/*03A.)	(MAC/*3A4BC)	(MAC/*04B.)	(MAC/*04C.)	(MAC/*2A6.)
Denmark	0	4130	0	0	13219
France	0	490	0	0	0
The Netherlands	0	490	0	0	0
Sweden	0	0	390	10	3424
United Kingdom	0	490	0	0	0
Norway	3000	0	0	0	0

Species: Mackerel <i>Scomber scombrus</i>	Zone: VI, VII, VIIIa, VIIIb, VIIIc and VIIIe; Union and international waters of Vb; international waters of IIa, XII and XIV (MAC/2CX14-)
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	Analytical TAC
Germany	25 928
Spain	28
Estonia	216
France	17 287
Ireland	86 426
Latvia	159
Lithuania	159
The Netherlands	37 811
Poland	1 826
United Kingdom	237 677
Union	407 517
Norway	18 261 <sup>(1) (2)</sup>
Faroe Islands	38 576 <sup>(3)</sup>

TAC Not relevant

(1) May be fished in IIa, VIa north of 56° 30' N, IVa, VIId, VIIe, VIIf and VIIh (MAC/\*AX7H).

(2) The following additional amount of access quota, in tonnes, may be fished by Norway North of 56°30' N and counted against its catch limit (MAC/\*N5630):

42 312

(3) This amount shall be deducted from the Faroe Islands' catch limit (access quota). It may be fished only in VIa north of 56° 30' N (MAC/\*6AN56). However, from 1 January to 15 February and from 1 October to 31 December this quota may also be fished in IIa, IVa north of 59° (EU zone) (MAC/\*24N59).

Special condition: within the limits of the abovementioned quotas, no more than the quantities given below may be taken in the following zones and periods:

	Union waters of IIa; Union and Norwegian waters of IVa. During the periods from 1 January to 15 February 2017 and from 1 September to 31 December 2017	Norwegian waters of IIa	Faroeese waters
	(MAC/*4A-EN)	(MAC/*2AN-)	(MAC/*FRO2)
Germany	15 648	2 108	2 157
France	10 433	1 404	1 438
Ireland	52 161	7 028	7 192
The Netherlands	22 820	3 073	3 146
United Kingdom	143 448	19 331	19 778

Union	244 510	32 944	33 711
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Species:	Mackerel <i>Scomber scombrus</i>	Zone:	VIIIc, IX and X; Union waters of CECAF 34.1.1 (MAC/8C3411)
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Spain	38 432	<sup>(1)</sup>	Analytical TAC
France	255	<sup>(1)</sup>	
Portugal	7 944	<sup>(1)</sup>	
Union	46 631		

TAC Not relevant

(1) Special condition: quantities subject to exchanges with other Member States may be taken in VIIIa, VIIIb and VIIIc (MAC/\*8ABD.). However, the quantities provided by Spain, Portugal or France for exchange purposes and to be taken in VIIIa, VIIIb and VIIIc shall not exceed 25 % of the quotas of the donor Member State.

Special condition: within the limits of the abovementioned quotas, no more than the quantities given below may be taken in the following zone:  
VIIIb (MAC/\*08B.)

Spain	3 227
France	21
Portugal	667

Species:	Mackerel <i>Scomber scombrus</i>	Zone:	Norwegian waters of IIa and IVa (MAC/2A4A-N)
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Denmark	16 004	Analytical TAC
Union	16 004	

TAC Not relevant

Species:	Common sole <i>Solea solea</i>	Zone:	Union waters of IIa and IV (SOL/24-C.)
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Belgium	1 267	Analytical TAC	
Denmark	579		
Germany	1 013	Article 7(2) of this Regulation applies	
France	253		
The Netherlands	11 436		
United Kingdom	651		
Union	15 199		
Norway	10		<sup>(1)</sup>

TAC 15 209

(1) May be fished only in Union waters of IV (SOL/\*04-C.).

Species:	Sprat and associated by-catches <i>Sprattus sprattus</i>	Zone:	IIIa (SPR/03A.)
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Denmark	22 300	<sup>(1)</sup>	Precautionary TAC
Germany	47	<sup>(1)</sup>	
Sweden	8 437	<sup>(1)</sup>	
Union	30 784		

TAC 33 280

(1) Without prejudice to the landing obligation, catches of whiting may be counted against up to 5% of the quota (OTH/\*03A.), provided that not more than 9% in total of this quota for sprat is accounted for by these catches and by-catches of those species. This provision shall not apply where a Member State uses the flexibility provided in Article 15(8) of Regulation (EU) No 1380/2013.

Species:	Horse mackerel and associated by-catches <i>Trachurus spp.</i>	Zone:	Union waters of IVb, IVc and VIId (JAX/4BC7D)
Belgium	16 <sup>(1)</sup>	Precautionary TAC	
Denmark	6 973 <sup>(1)</sup>		
Germany	616 <sup>(1)(2)</sup>		
Spain	129 <sup>(1)</sup>		
France	578 <sup>(1)(2)</sup>		
Ireland	438 <sup>(1)</sup>		
The Netherlands	4 198 <sup>(1)(2)</sup>		
Portugal	15 <sup>(1)</sup>		
Sweden	75 <sup>(1)</sup>		
United Kingdom	1 659 <sup>(1)(2)</sup>		
Union	14 697		
Norway	3 550 <sup>(3)</sup>		

TAC 18 247

- (1) Without prejudice to the landing obligation, catches of boarfish, whiting and mackerel may be counted against up to 5% of the quota (OTH/\*4BC7D), provided that not more than 9% in total of this quota for horse mackerel is accounted for by these catches and by-catches of those species. This provision shall not apply where a Member State uses the flexibility provided in Article 15(8) of Regulation (EU) No 1380/2013.
- (2) Special condition: up to 5% of this quota fished in division VIId may be accounted for as fished under the quota concerning the following zone: Union waters of IIa, IVa, VI, VIIa-c, VIIe-k, VIIIa, VIIIb, VIId and VIIE; Union and international waters of Vb; international waters of XII and XIV (JAX/\*2A-14).
- (3) May be fished in Union waters of IVa but may not be fished in Union waters of VIId (JAX/\*04-C).

Species:	Horse mackerel and associated by-catches <i>Trachurus spp.</i>	Zone:	Union waters of IIa, IVa; VI, VIIa-c, VIIe-k, VIIIa, VIIIb, VIId and VIIE; Union and international waters of Vb; international waters of XII and XIV (JAX/2A-14)
Denmark	5 735 <sup>(1)(3)</sup>	Analytical TAC	
Germany	4 475 <sup>(1)(2)(3)</sup>		
Spain	6 103 <sup>(3)(5)</sup>		
France	2 303 <sup>(1)(2)(3)(5)</sup>		
Ireland	14 902 <sup>(1)(3)</sup>		
The Netherlands	17 953 <sup>(1)(2)(3)</sup>		
Portugal	588 <sup>(3)(5)</sup>		
Sweden	675 <sup>(1)(3)</sup>		
United Kingdom	5 396 <sup>(1)(2)(3)</sup>		
Union	58 130		
Faroe Islands	1 600 <sup>(4)</sup>		

TAC 59 730

- (1) Special condition: up to 5% of this quota fished in Union waters of IIa or IVa before 30 June 2017 may be accounted for as fished under the quota concerning the zone of Union waters of IVb, IVc and VIId (JAX/\*4BC7D).
- (2) Special condition: up to 5% of this quota may be fished in VIId (JAX/\*07D.). Under this special condition, and in accordance with footnote (3), by-catches of boarfish and whiting shall be reported separately under the following code: (OTH/\*07D.).
- (3) Without prejudice to the landing obligation, catches of boarfish, whiting and mackerel may be counted against up to 5% of the quota (OTH/\*2A-14), provided that not more than 9% in total of this quota for horse mackerel is accounted for by these catches and by-catches of those species. This provision shall not apply where a Member State uses the flexibility provided in Article 15(8) of Regulation (EU) No 1380/2013.
- (4) Limited to IVa, VIa (north of 56° 30' N only), VIIe, f, h.
- (5) Special condition: up to 50% of this quota may be fished in VIId (JAX/\*08C2). Under this special condition, and in accordance with footnote (3), by-catches of boarfish and whiting shall be reported separately under the following code: (OTH/\*08C2).

Species:	Norway pout and associated by-catches <i>Trisopterus esmarki</i>	Zone:	IIIa; Union waters of IIa and IV (NOP/2A3A4.)
Denmark	141 819 <sup>(1)</sup>	Analytical TAC	
Germany	27 <sup>(1)(2)</sup>	Article 3 of Regulation (EC) No 847/96 shall not apply	

The Netherlands	104	(1) (2)	Article 4 of Regulation (EC) No 847/96 shall not apply
Union	141 950	(1) (3)	
Norway	25 000	(4)	
Faroe Islands	9 300	(5)	

TAC 238 981

- (1) Without prejudice to the landing obligation, catches of whiting may be counted against up to 5 % of the quota (OT2/\*2A3A4), provided that not more than 9 % in total of this quota for Norway pout is accounted for by these catches and by-catches of those species. This provision shall not apply where a Member State uses the flexibility provided in Article 15(8) of Regulation (EU) No 1380/2013.
- (2) Quota may be fished in Union waters of ICES zones IIa, IIIa and IV only.
- (3) Union quota may only be fished from 1 January to 31 October 2017.
- (4) A sorting grid shall be used.
- (5) A sorting grid shall be used. Includes a maximum of 15 % of unavoidable by-catches (NOP/\*2A3A4), to be counted against this quota.

Species:	Norway pout and associated by-catches <i>Trisopterus esmarki</i>	Zone:	Norwegian waters of IV (NOP/04-N.)
Denmark	0	Analytical TAC	
United Kingdom	0	Article 3 of Regulation (EC) No 847/96 shall not apply	
Union	0	Article 4 of Regulation (EC) No 847/96 shall not apply	
TAC	Not relevant		

Species:	Industrial fish	Zone:	Norwegian waters of IV (I/F/04-N.)
Sweden	800	(1) (2)	Precautionary TAC
Union	800		
TAC	Not relevant		
(1)	By-catches of cod, haddock, pollack, whiting and saithe to be counted against the quotas for these species.		
(2)	Special condition: of which no more than the following amount of horse mackerel (JAX/*04-N.):		
	0		

Species:	Other species	Zone:	Union waters of Vb, VI and VII (OTH/5B67-C)
Union	Not relevant	Precautionary TAC	
Norway	250	(1)	
TAC	Not relevant		
(1)	Taken with long-lines only.		

Species:	Other species	Zone:	Norwegian waters of IV (OTH/04-N.)
Belgium	52	Precautionary TAC	
Denmark	4 750		
Germany	535		
France	220		
The Netherlands	380		
Sweden	Not relevant	(1)	
United Kingdom	3 563		
Union	9 500	(2)	

TAC	Not relevant
(1)	Quota allocated by Norway to Sweden of "other species" at a traditional level.
(2)	Including fisheries not specifically mentioned. Exceptions may be introduced after consultations, as appropriate.

Species:	Other species	Zone:	Union waters of IIa, IV and VIa north of 56° 30' N (OTH/2A46AN)
Union	Not relevant	Precautionary TAC	
Norway	5 250	(1) (2)	
Faroe Islands	150	(3)	

TAC	Not relevant
(1)	Limited to IIa and IV (OTH/*2A4-C).
(2)	Including fisheries not specifically mentioned. Exceptions may be introduced after consultations, as appropriate.
(3)	To be fished in IV and VIa north of 56° 30' N (OTH/*46AN).

## 7. AMENDMENTS TO ANNEX IB REGARDING EXCHANGES WITH THIRD COUNTRIES

The relevant fishing opportunities tables in Annex IB are replaced by the following:

Species:	Herring <i>Clupea harengus</i>	Zone:	Union, Faroese, Norwegian and international waters of I and II (HER/1/2-)
Belgium	15	(1)	Analytical TAC
Denmark	14 409	(1)	
Germany	2 524	(1)	
Spain	48	(1)	
France	622	(1)	
Ireland	3 731	(1)	
The Netherlands	5 157	(1)	
Poland	729	(1)	
Portugal	48	(1)	
Finland	223	(1)	
Sweden	5 340	(1)	
United Kingdom	9 213	(1)	
Union	42 059	(1)	
Faroe Islands	6 000	(2)(3)	
Norway	37 854	(2)(4)	

TAC	646 075
(1)	When reporting catches to the Commission the quantities fished in each of the following areas shall also be reported: NEAFC Regulatory Area and Union waters.
(2)	May be fished in Union waters north of 62° N.
(3)	To be counted against the catch limits of the Faroe Islands.
(4)	To be counted against the catch limits of Norway.

Special condition: within the limits of the abovementioned quotas, no more than the quantities given below may be taken in the following zones:

Norwegian waters north of 62° N and the fishery zone around Jan Mayen (HER/\*2AJMN)

37 854

II, Vb north of 62° N (Faroese waters) (HER/\*25B-F)

Belgium	2
Denmark	2 055
Germany	360
Spain	7
France	89
Ireland	532
The Netherlands	736
Poland	104
Portugal	7
Finland	32
Sweden	762
United Kingdom	1 314

Species:	Cod <i>Gadus morhua</i>	Zone:	Norwegian waters of I and II (COD/IN2AB.)
Germany	2 779	Analytical TAC	
Greece	344	Article 3 of Regulation (EC) No 847/96 shall not apply	
Spain	3 100	Article 4 of Regulation (EC) No 847/96 shall not apply	
Ireland	344		
France	2 551		
Portugal	3 100		
United Kingdom	10 784		
Union	23 002		
TAC	Not relevant		

Species:	Cod <i>Gadus morhua</i>	Zone:	Greenland waters of NAFO 1F and Greenland waters of XIV (COD/N1GL14)
Germany	1 800 <sup>(1)</sup>	Analytical TAC	
United Kingdom	400 <sup>(1)</sup>	Article 3 of Regulation (EC) No 847/96 shall not apply	
Union	2 200 <sup>(1)</sup>	Article 4 of Regulation (EC) No 847/96 shall not apply	

TAC Not relevant

(1) Except for by-catches, the following conditions shall apply to these quotas:

1. They may not be fished between 1 April and 31 May 2017.
2. They may only be fished in at least 2 of the following 4 areas:

**Reporting code**    **Geographical limits**

COD/GRL1    The part of the Greenlandic fisheries territory that is to the north of 63°45'N and to the south of 67°00' N and to the east of 35°15'W.

COD/GRL2    The part of the Greenlandic fisheries territory that is between 62°30'N and 63°45'N to the east of 44°00' W, and the part of the Greenlandic fisheries territory that is to the north of 63°45'N and between 44°00'W and 35°15'W.

COD/GRL3    The part of the Greenlandic fisheries territory that is to the south of 59°00'N and to the east of 42°00'W, and the part of the Greenlandic fisheries territory that is between 59°00'N and 62°30'N to the east of 44°00'W.

COD/GRL4    The part of the Greenlandic fisheries territory that is between 60°45'N and 59°00'N to the west of 44°00'W, and the part of the Greenlandic fisheries territory that is to the south of 59°00'N and to the west of 42°00'W.



Species:	Cod <i>Gadus morhua</i>	Zone:	I and IIb (COD/1/2B.)
Germany	6 554 <sup>(3)</sup>	Analytical TAC	
Spain	13 152 <sup>(3)</sup>	Article 3 of Regulation (EC) No 847/96 shall not apply	
France	3 100 <sup>(3)</sup>	Article 4 of Regulation (EC) No 847/96 shall not apply	
Poland	2 716 <sup>(3)</sup>		
Portugal	2 638 <sup>(3)</sup>		
United Kingdom	4 374 <sup>(3)</sup>		
Other Member States	491 <sup>(1)(3)</sup>		
Union	33 025 <sup>(2)</sup>		

TAC Not relevant

(1) Except Germany, Spain, France, Poland, Portugal and the United Kingdom.

(2) The allocation of the share of the cod stock available to the Union in the zone Spitzbergen and Bear Island and the associated by-catches of haddock are entirely without prejudice to the rights and obligations deriving from the 1920 Treaty of Paris.

(3) By-catches of haddock may represent up to 14 % per haul. The by-catch quantities of haddock are in addition to the quota for cod.

Species:	Cod and haddock <i>Gadus morhua</i> and <i>Melanogrammus aeglefinus</i>	Zone:	Faroese waters of Vb (C/H/05B-F.)
Germany	19	Analytical TAC	
France	114	Article 3 of Regulation (EC) No 847/96 shall not apply	
United Kingdom	817	Article 4 of Regulation (EC) No 847/96 shall not apply	
Union	950		

TAC Not relevant

Species:	Grenadiers <i>Macrourus spp.</i>	Zone:	Greenland waters of V and XIV (GRV/514GRN)
Union	0 <sup>(1)</sup>	Analytical TAC	

TAC Not relevant <sup>(2)</sup>

(1) Special condition: roundnose grenadier (*Coryphaenoides rupestris*) (RNG/514GRN) and roughhead grenadier (*Macrourus berglax*) (RHG/514GRN) shall not be targeted. They shall only be taken as by-catch and shall be reported separately.

(2) The total amount below, in tonnes, is allocated to Norway and can be fished in either this TAC zone or Greenland waters of NAFO 1 (GRV/514N1G). Special condition for this amount: roundnose grenadier (*Coryphaenoides rupestris*) (RNG/514N1G) and roughhead grenadier (*Macrourus berglax*) (RHG/514N1G) shall not be targeted. They shall only be taken as by-catch and shall be reported separately.

90

Species:	Grenadiers <i>Macrourus spp.</i>	Zone:	Greenland waters of NAFO 1 (GRV/N1GRN.)
Union	0 <sup>(1)</sup>	Analytical TAC	

TAC Not relevant <sup>(2)</sup>

(1) Special condition: roundnose grenadier (*Coryphaenoides rupestris*) (RNG/N1GRN.) and roughhead grenadier (*Macrourus berglax*) (RHG/N1GRN.) shall not be targeted. They shall only be taken as by-catch and shall be reported separately.

(2) The total amount below, in tonnes, is allocated to Norway and can be fished in either this TAC zone or Greenland waters of V and XIV (GRV/514N1G). Special

condition for this amount: roundnose grenadier (*Coryphaenoides rupestris*) (RNG/514N1G) and roughhead grenadier (*Macrourus berglax*) (RHG/514N1G) shall not be targeted. They shall only be taken as by-catch and shall be reported separately.

90

Species:	Haddock <i>Melanogrammus aeglefinus</i>	Zone:	Norwegian waters of I and II (HAD/1N2AB.)
Germany	257	Analytical TAC	
France	154	Article 3 of Regulation (EC) No 847/96 shall not apply	
United Kingdom	789	Article 4 of Regulation (EC) No 847/96 shall not apply	
Union	1 200		
TAC	Not relevant		

Species:	Blue whiting <i>Micromesistius poutassou</i>	Zone:	Faroese waters (WHB/2A4AXF)
Denmark	1 100	Analytical TAC	
Germany	75	Article 3 of Regulation (EC) No 847/96 shall not apply	
France	120	Article 4 of Regulation (EC) No 847/96 shall not apply	
The Netherlands	105		
United Kingdom	1 100		
Union	2 500 <sup>(1)</sup>		
TAC	Not relevant		
(1)	Catches of blue whiting may include unavoidable by-catches of greater silver smelt.		

Species:	Northern prawn <i>Pandalus borealis</i>	Zone:	Greenland waters of V and XIV (PRA/514GRN)
Denmark	575	Analytical TAC	
France	575	Article 3 of Regulation (EC) No 847/96 shall not apply	
Union	1 150	Article 4 of Regulation (EC) No 847/96 shall not apply	
Norway	1 750		
Faroe Islands	1 250		
TAC	Not relevant		

Species:	Saithe <i>Pollachius virens</i>	Zone:	Norwegian waters of I and II (POK/1N2AB.)
Germany	2 040	Analytical TAC	
France	328	Article 3 of Regulation (EC) No 847/96 shall not apply	
United Kingdom	182	Article 4 of Regulation (EC) No 847/96 shall not apply	
Union	2 550		
TAC	Not relevant		

Species:	Greenland halibut <i>Reinhardtius hippoglossoides</i>	Zone:	Norwegian waters of I and II  (GHL/1N2AB.)
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Germany	25 <sup>(1)</sup>	Analytical TAC
United Kingdom	25 <sup>(1)</sup>	Article 3 of Regulation (EC) No 847/96 shall not apply
Union	50 <sup>(1)</sup>	Article 4 of Regulation (EC) No 847/96 shall not apply

TAC Not relevant  
(1) Exclusively for by-catches. No directed fisheries are permitted under this quota.

Species:	Greenland halibut <i>Reinhardtius hippoglossoides</i>	Zone:	Greenland waters of NAFO 1  (GHL/N1GRN.)
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Germany	1 925 <sup>(1)</sup>	Analytical TAC
Union	1 925 <sup>(1)</sup>	Article 3 of Regulation (EC) No 847/96 shall not apply
Norway	575 <sup>(1)</sup>	Article 4 of Regulation (EC) No 847/96 shall not apply

TAC Not relevant  
(1) To be fished south of 68° N.

Species:	Greenland halibut <i>Reinhardtius hippoglossoides</i>	Zone:	Greenland waters of V and XIV  (GHL/514GRN)
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Germany	4 289	Analytical TAC
United Kingdom	226	Article 3 of Regulation (EC) No 847/96 shall not apply
Union	4 515 <sup>(1)</sup>	Article 4 of Regulation (EC) No 847/96 shall not apply
Norway	575	
Faroe Islands	110	

TAC Not relevant  
(1) To be fished by no more than 6 vessels at the same time.

Species:	Redfish <i>Sebastes spp.</i>	Zone:	Norwegian waters of I and II  (RED/1N2AB.)
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Germany	766	Analytical TAC
Spain	95	Article 3 of Regulation (EC) No 847/96 shall not apply
France	84	Article 4 of Regulation (EC) No 847/96 shall not apply
Portugal	405	
United Kingdom	150	
Union	1 500	

TAC Not relevant

Species:	Redfish <i>Sebastes spp.</i>	Zone:	International waters of I and II (RED/1/2INT)
Union	to be establishe d (1) (2)	Analytical TAC	
TAC	0 (3)	Article 3 of Regulation (EC) No 847/96 shall not apply	
(1)	The fishery may only take place within the period from 1 July to 31 December 2017. The fishery will be closed when the TAC is fully utilised by NEAFC Contracting Parties. From the closure date, Member States shall prohibit directed fishery for redfish by vessels flying their flag.		
(2)	Vessels shall limit their by-catches of redfish in other fisheries to a maximum of 1 % of the total catch retained on board.		
(3)	Provisional catch limit to cover catches of all NEAFC contracting parties.		

Species:	Redfish (pelagic) <i>Sebastes spp.</i>	Zone:	Greenland waters of NAFO 1F and Greenland waters of V and XIV (RED/N1G14P)
Germany	962 (1) (2) (3)	Analytical TAC	
France	5 (1) (2) (3)	Article 3 of Regulation (EC) No 847/96 shall not apply	
United Kingdom	7 (1) (2) (3)	Article 4 of Regulation (EC) No 847/96 shall not apply	
Union	974 (1) (2) (3)		
Norway	740 (1) (2)		
Faroe Islands	50 (1) (2) (4)		
TAC	Not relevant		
(1)	May only be fished as deep pelagic redfish by pelagic trawl from 10 May to 1 July 2017.		
(2)	May only be fished in Greenland waters within the Redfish Conservation Area bounded by the lines joining the following coordinates:		
	<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>
	1	64°45'N	28°30'W
	2	62°50'N	25°45'W
	3	61°55'N	26°45'W
	4	61°00'N	26°30'W
	5	59°00'N	30°00'W
	6	59°00'N	34°00'W
	7	61°30'N	34°00'W
	8	62°50'N	36°00'W
	9	64°45'N	28°30'W
(3)	Special condition: this quota may also be fished in international waters of the Redfish Conservation Area mentioned above (RED/*5-14P).		
(4)	May only be fished in Greenland Waters of V and XIV (RED/*514GN).		

Species:	Other species	Zone:	Norwegian waters of I and II (OTH/1N2AB.)
Germany	117 (1)	Analytical TAC	
France	47 (1)	Article 3 of Regulation (EC) No 847/96 shall not apply	
United Kingdom	186 (1)	Article 4 of Regulation (EC) No 847/96 shall not apply	
Union	350 (1)		
TAC	Not relevant		
(1)	Exclusively for by-catches. No directed fisheries are permitted under this quota.		

## 8. AMENDMENTS TO ANNEX VIII REGARDING THE NUMBER OF LICENCES

Annex VIII is replaced by the following:

### "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	To be established	To be established
Faroe Islands	Mackerel, VIa (north of 56° 30' N), IIa, IVa (north of 59° N) Horse mackerel, IV, VIa (north of 56° 30' N), VIIe, VIIf, VIIIh	14	14
	Herring, north of 62° 00' N	20	To be established
	Herring, IIIa	4	4
	Industrial fishing for Norway pout, IV, VIa (north of 56° 30' N) (including unavoidable by-catches of blue whiting)	14	14
	Ling and tusk	20	10
	Blue whiting, II, IVa, V, VIa (north of 56° 30' N), VIb, VII (west of 12° 00' W)	20	20
	Blue ling	16	16
Venezuela <sup>(1)</sup>	Snappers (French Guiana waters)	45	45
<p><sup>(1)</sup> 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.</p>			

"

Calculation tables for Commission  
Non Paper of 8th December

ICES data	Anglerfish Villabde
ICES catch TAC	7914
ICES landings TAC	7914
Adjusted discards	79
Discard rate (all fleets)	1%
New Catch advice	7993

<b>Step 1</b>	<b>Deduct <i>de minimis</i> from ICES total catch figure</b>	adjusted <u>catch</u> advice 2016	7993
		<i>de minimis</i>	0%
		Contr. to total catches	0%
		<b><i>de minimis</i> deduction (A)</b>	0
<b>Step 2</b>	<b>Deduct discards fleets <u>not</u> under LO</b>	Total discards 2016	79
		Contribution to discards by fleets <b>not</b> under LO (Landings under Lo/total landings)	99.6%
		<b>Discards by fleets not under LO to be deducted (B)</b>	78.83
		<b>Total deduction A+B</b>	78.83
		New catch TAC	7914.3
		<b>TAC top up % relative to ICES landings TAC</b>	<b>0.004%</b>
		<b>top up</b>	0

Comments
No ICES discard data STECF discards 1%
adjusted by STECF data
Fleet meeting threshold for inclusion
<b>All gillnets &gt;200mm included under LO</b>
Fleet proportions under the LO
All gillnets >200mm included under LO contribute 0.4% to overall discards
Excluded discards
0.40%
Total under LO =0.4% continuing discards =99.6%

ANF VIIIc IXa
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ICES - no discards in assessment
STECF no discards identified
No de minimis requested
No top up can be calculated



REVISED 9-12-2017

ICES data	Haddock Via
ICES catch TAC	3749
Calculated landings	3171
Calculated DR	578
Discard rate (all fleets)	15.4%

Taking discard rate from Catch forecast rather than STECF or average

**STECF Data For TR1 and TR2**

Step 1	Deduct <i>de minimis</i>	ICES catch advice 2016	3749
		<i>de minimis</i>	0%
		Contr. to total catches	0%
		<i>de minimis</i> deduction (A)	0
Step 2	Deduct discards fleets	Total discards 2016	578
		Contribution to discards by fleets <b>not</b> under	<b>9.0%</b>
		If no data under previous step consider ICES	0.0%
		<b>Discards by fleets not under LO to be</b>	<b>52</b>
		<b>Total deduction A+B</b>	<b>52</b>
		New catch TAC	3697.0
		<b>TAC top up % relative to ICES landings TAC</b>	<b>16.54%</b>
		<b>TAC top up % if no deduction of de minimis</b>	
		New catch TAC	3697
		<b>TAC top up %</b>	<b>16.6%</b>
		<b>top up</b>	<b>526</b>

LO applies where total landings of all species consist of more than 5% of haddock, whiting, cod and saithe.



Comments
Fleet meeting threshold for inclusion
<b>STECF identify</b>
<b>TR1 75% included</b>
Fleet contribution to discard under the LO
TR1 contribute 19.7% of all discards
TR2 contribute 80.3% of all discards
Excluded discards
TR1: 75% of 19.7%=14.77%
TR2: 13% of 80.3%= 10.439%
Total under LO =25.2%
Continuing discards =74.8%

Revision 11-01-2017
100% TR1 gadoid targetting fleet included.
99% of TR2 fleet targetting nephrops included
TR1 100% at 19.7% = 19.7%
TR2 99% at 80.3% = 79.4%
Total under LO= 99.1
Continuing Discards =.9 or 9%

ICES data	Haddock VII
ICES catch TAC	1286
ICES landings TAC	682
ICES discards	604
Discard rate (all fleets)	47.0%

**STECF TR1 and TR2**

Step	Description	Value	Percentage
Step 1	Deduct <i>de minimis</i> from ICES total catch figure	ICES catch advice 2016	1286
		<i>de minimis</i>	0%
		Contr. to total catches	0%
		<i>de minimis</i> deduction (A)	0
Step 2	Deduct discards fleets <u>not</u> under LO	Total discards 2016	604
		Contribution to discards by fleets <b>not</b> under LO (Landings under Lo/total landings)	62.6%
		If no data under previous step consider ICES discard rate	
		Discards by fleets not under LO to be deducted (B)	378
		Total deduction A+B	378
		New catch TAC	908
		TAC top up % relative to ICES landings TAC	33.1%
		top up	429

Comments
Advice TAC follows direction of ICES advice uplift to be applied to applied to 2016 TAC proposal of 1299t
<b>Fleet meeting threshold for inclusion</b>
STECF identify on basis of vessel no. TR1 31% included TR2 15% included.
<b>Fleet proportions under the LO</b>
TR1 contribute 15.1% of all discards TR2 contribute 81.6% of all discards
<b>Excluded discards</b>
TR1: 31% of 15.1%=4.68% TR2: 15% of 81.6%= 12.2%
Total under LO =16.8% continuing discards =83.2%
However Basis of landings TR1=98%, TR2 = 53% (giving 14.7% and 43.2%) (57.99%)
<b>Average: 62.6% excluded</b>

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LO applies where total landings of all species consist of more than 10% of haddock, whiting, cod and saithe.

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Revised 6-12-2017

ICES data	Haddock Vib (XII, XIV)
ICES catch TAC	4690
ICES landings TAC	4130
ICES discards	560
Discard rate (all fleets)	11.9%

Step 1	Deduct <i>de minimis</i> from ICES total catch figure	
	ICES catch advice 2016	4690
	<i>de minimis</i>	0%
	Contr. to total catches	0%
	<i>de minimis</i> deduction (A)	0
Step 2	Deduct discards fleets <u>not</u> under LO	
	Total discards 2016	560
	Contribution to discards by fleets not under LO (Landings under LO/total landings)	0.0%
	If no data under previous step consider ICES discard rate	0.0%
	Discards by fleets not under LO to be deducted (B)	0
	Total deduction A+B	0
	New catch TAC	4690
	TAC top up % relative to ICES landings TAC	13.56%
	top up	560

LO applies where total landings of all species consist of more than 5% of haddock, whiting, cod and saithe.

Comments
Fleet meeting threshold for inclusion
MS identify that UK: all landings are by vessels covered under LO. IR: all 6 vessels in area are under LO
Fleet proportions under the LO All discards are assumed to be from TR1 fleet, TR2 fleet do not operate in area.
Excluded discards
Total under LO =100%
Continuing discards =0%

ICES data	Hake IIIa
ICES catch TAC	3822
ICES landings TAC	3371
ICES discards	451
Discard rate (all fleets)	11.8%

<b>Step 1</b>	<b>Deduct <i>de minimis</i> from ICES total catch figure</b>	ICES catch advice 2016	3822	Comments
		<i>de minimis</i>	0%	
		Contr. to total catches	0%	No de minimis
		<b><i>de minimis</i> deduction (A)</b>	0	
<b>Step 2</b>	<b>Deduct discards fleets <u>not</u> under LO</b>	Total discards 2016	451	<b>Fleet meeting threshold for inclusion</b>
		Contribution to discards by fleets <b>not</b> under LO (Landings under Lo/total landings)	<b>100.0%</b>	Longlines have 0% discard rate
		If no data under previous step consider ICES discard rate	0.0%	
		<b>Discards by fleets not under LO to be deducted (B)</b>	451	
		<b>Total deduction A+B</b>	451	<b>Fleet proportions under the LO</b>
		New catch TAC	3371	No fleet under LO contributing to discards
		<b>TAC top up % relative to ICES landings TAC</b>	<b>0.0%</b>	
		top up	0	

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<p><b>LO in North Sea applies to : LL only all catches. No contribution to discards, therefore no top up.</b></p>
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ICES data	Hake IV
ICES catch TAC	4454
ICES landings TAC	3928
ICES discards	526
Discard rate (all fleets)	11.8%

STECF

<b>Step 1</b>	<b>Deduct <i>de minimis</i> from ICES total catch figure</b>	ICES catch advice 2016	4454	Comments	
		<i>de minimis</i>	0%		
		Contr. to total catches	0%		No de minimis
		<b><i>de minimis</i> deduction (A)</b>	0		
<b>Step 2</b>	<b>Deduct discards fleets <u>not</u> under LO</b>	Total discards 2016	526	<b>Fleet meeting threshold for inclusion</b>	
		Contribution to discards by fleets <b>not</b> under LO (Landings under Lo/total landings)	<b>100.0%</b>	Longlines have 0% discard rate	
		if no data under previous step consider ICES discard rate	0.0%		
		<b>Discards by fleets not under LO to be deducted (B)</b>	526		
		<b>Total deduction A+B</b>	526	<b>Fleet proportions under the LO</b>	
		New catch TAC	3928	No fleet under LO contributing to discards	
		<b>TAC top up % relative to ICES landings TAC</b>	<b>0.0%</b>		
		<b>top up</b>	0		

LO in North Sea applies to : LL only all catches.  
No contribution to discards, therefore no top up.

REVISED 1-12 Landings scenario

ICES data	Hake VI, VII
ICES catch TAC	69409
ICES landings TAC	62729
ICES discards	6680
Discard rate (all fleets)	9.6%

Step 1	Deduct <i>de minimis</i>	ICES catch advice 2016	69409
		<i>de minimis</i>	0%
		Contr. to total catches	0%
		<b><i>de minimis</i> deduction (A)</b>	0
Step 2	Deduct discards fleets	Total discards 2016	6680
		Contribution to discards by fleets not under LO (Landings under Lo/total landings)	<b>26.21%</b>
		If no data under previous step	0.0%
		Discards by fleets not under LO to	1751
		<b>Total deduction A+B</b>	1751
		New catch TAC	67658
		<b>TAC top up % relative to ICES landings TAC</b>	<b>7.86%</b>
		<b>top up</b>	4929

Note taking vessel

Comments
<b>Fleet meeting threshold for inclusion</b>
landings TR1 and 2= 78% Gillnets 100% LL 100%
<b>Landings</b>
ALL TR gears contribution to discards
Gillnets contribute 5% longlines 0.3%
<b>Excluded discards</b>
All TR=(87.8**78%)=68%
Gillnets 5% LL=0.3%
Total under LO =73.3%
<b>Continuing discards =26.7%</b>

REVISED 6-12-2017

ICES data	Hake Villadbe
ICES catch TAC	46292
ICES landings TAC	41837
ICES discards	4455
Discard rate (all fleets)	9.6%

Step 1

<b>Deduct <i>de minimis</i> from ICES total catch figure</b>	
ICES <u>catch</u> advice 2016	46292
<i>de minimis</i>	7%
Contr. to total catches	23%
<b><i>de minimis</i> deduction (A)</b>	745

Step 2

<b>Deduct discards fleets <u>not</u> under LO</b>	
Total discards 2016	4455
Contribution to discards by fleets <u>not</u> under LO	16.6%
<b>Discards by fleets <u>not</u> under LO to be deducted (B)</b>	740
<b>Total deduction A+B</b>	1485

New catch TAC	44808
<b>TAC top up % relative to ICES landings TAC</b>	<b>7.101%</b>
top up	2971

Comments
Contribution from Trawls = 23%,
<b>Fleet meeting threshold for inclusion</b>
All TR1 gear, (>100mm) Gillnets 100% LL 100%
<b>Fleet contribution to discard under the LO</b>
TR1 contribute <b>42.8%</b> of all discards Gillnets contribute 40.6% longlines 0%
<b>Excluded discards</b>
TR1 contribute <b>42.8%</b> of all discards Gillnets contribute 40.6% longlines 0%
Total under LO =83.4%
<b>Continuing discards =16.6%</b>

ICES data	S Hake
ICES catch TAC 2016	8049
ICES landings TAC 2016	6838
ICES discards 2016	1211
Discard rate (all fleets)	15.05%

Comments
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<b>Step 1</b>	<b>Deduct de minimis from ICES total catch figure</b>	ICES catch TAC 2015 <i>de minimis</i> Contr. to total catches <i>de minimis deduction (A)</i>	8049  7% 38.36% 216	60.9% of landings are included under the LO which contribute 63% to catch of hake ==38.36% total contribution to overall catch
<b>Step 2</b>	<b>Deduct discards fleets not under LO</b>	Total discards 2016	1211	<b>Fleet meeting threshold for inclusion</b>
		Contribution to discards by fleets not under LO	39.26%	MS identify by landings all bottom trawls 60.9% of landings included All gill netters all longlines
		If no data under previous step consider ICES discard rate	15%	Fleet contribution to discard under the LO
		Discards by fleets not under LO to be deducted (B)	475	All bottom trawlers contribute 97.6% of discards Gillnetters contribute 1.3% longlines 0% discards
		<b>Total deduction A+B</b>	692	<b>Excluded discards</b>
		New catch TAC	7357.4	bottom trawl (60.9% of 97.6%)= 59.438%
<b>TAC top up % relative to ICES landings TAC</b>	<b>7.60%</b>	Gillnetters 1.3% LL zero		
				<b>Total under LO =60.738%</b>
		Top up	519.4	<b>Continuing discards =39.262%</b>



ICES data	Megrim VI
ICES catch TAC	5948
ICES landings TAC	5242
ICES discards	706
Discard rate (all fleets)	11.9%

MEG IV and VI advice: total catch 8567t, landings 4900t (65% to area VI.) rockall componet ( catch 397t, landings 342t)	
Total catch advice	5947.55
Landings Advice	5242

**STECF Data For TR1 and TR2**

Step 1	Deduct <i>de minimis</i> from ICES total catch figure	ICES catch advice 2016	5948	Comments
		<i>de minimis</i>	0%	
		Contr. to total catches	0%	
		<i>de minimis</i> deduction (A)	0	
Step 2	Deduct discards fleets <u>not</u> under LO	Total discards 2016	706	<b>Fleet meeting threshold for inclusion (same criteris as Haddock VI)</b>
		Contribution to discards by fleets <u>not</u> under LO (Landings under Lo/total landings)	37.6%	STECF identify TR1 75% included TR2 13% included.
		If no data under previous step consider ICES discard rate	0.0%	<b>Fleet contribution to discard under the LO</b>
		Discards by fleets <u>not</u> under LO to be deducted (B)	265	TR1 contribute 79.7% of all discards
		<b>Total deduction A+B</b>	265	TR2 contribute 20.3% of all discards
		New catch TAC	5682.2	<b>Excluded discards</b>
		TAC top up % relative to ICES landings TAC	8.40%	TR1 75%* 79.7%=59.775%
		TAC top up % if no deduction of <i>de minimis</i>		TR2 13%* 20.3% =2.63%
		New catch TAC	5682	Total under LO =62.4%
		TAC top up %	8.4%	<b>Continuing discards =37.6%</b>
		top up	440	

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LO applies where total landings of all species consist of more than 5% of haddock, whiting, cod and saithe.

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Nepdrops in IV - N Sea	ICES advice		wanted catch	landings	Discards	Rates	6% de minimis	top up	Non-zero top up
	catch								
Botney Gut	5	895	895		0	0.00%	53.7	-53.7	0
Farn Deepes	6	1143	1020		123	10.76%	68.58	54.42	54.42
Fladen	7	12699	12656		43	0.34%	761.94	-718.94	0
Firth Forth	8	2548	2190		358	14.05%	152.88	205.12	205.12
Moray Firth	9	1070	1018		52	4.86%	64.2	-12.2	0
Noup	10	40	38		2	5.00%	2.4	-0.4	0
Horn's Reef	33	1119	1119		0	0.00%	67.14	-67.14	0
Devil's Hole	34	492	459		33	6.71%	29.52	3.48	3.48
other rectangles		376	376		0	0	22.56	-22.56	0
<b>Overall</b>		<b>20382</b>	<b>19771</b>		<b>611</b>	<b>0.029977</b>		<b>-611.92</b>	<b>263.02</b>
de min rate	0.06					1.330%		TAC	20034.0
						263.02			

Nep VI	Total Catch at current discard rate	Landings at current discard rate	Discard	Discard rate	7% de minimis	top up	Non Zero top up
outside	326	326	0	0	22.82	-22.82	0
11	3814	3610	204	5.35%	266.98	-62.98	0
12	6419	6195	223	3.47%	449.33	-226.33	0
13	5755	5276	479	8.32%	402.85	76.15	76.15
13	992	909	83	8.37%	69.44	13.56	13.56
<b>Totals</b>	<b>17306</b>	<b>16317</b>	<b>989</b>	<b>5.7%</b>	<b>1211.42</b>	<b>-222.42</b>	<b>89.71</b>

de min rate	0.07					0.550%		TAC	16406.71
de min amount	remaining	16094.58				89.71			

Nep VII	Total Catch at current discard rate	Landings at current discard rate	Discard	Discard rate	7% de minimis	top up	Non Zero top up
14	995	941	54	5.4%	69.65	-15.65	0
15	11248	9376	1872	14.9%	787.36	1084.64	1084.64
16	3100	3100	0	0.0%	217	-217	0
17	469	456	13	6.7%	34.23	-1.23	0
18	233	235	0	0.0%	16.45	-16.45	0
19	838	599	239	28.5%	58.66	180.34	180.34
20-21	2063	1807	256	12.4%	144.41	111.59	111.59
22	3552	2727	825	23.2%	248.64	576.36	576.36
<b>Totals</b>	<b>22520</b>	<b>19241.00</b>	<b>3279</b>	<b>14.6%</b>	<b>1576.4</b>	<b>1702.6</b>	<b>1952.93</b>

de min rate	0.07					10.1498%		TAC	23199.93
de min amount	1458.31	remaining	20943.6			1952.93			

Nep IIIa	Total Catch at current discard rate	Landings at current discard rate	Discard	Discard rate	0% de minimis	top up	Non Zero top up
Nep IIIa	13098	12715	383	2.9%			

de min rate	0.06					0.00%		TAC	12715
de min amount	#VALUE!					0			

De Minimis applied Survival exemption (80mm trawls with 35mm grid, top panel 270mmdiamond/ 140 sm. MCRS total length 105mm, cp length 59mm)

Nep VIIIc

Stock under survivability exemption.

No tac top up possible

NEP Villadbe

No tac top up

The TAC should correspond to ICES landings advice of 3214t because of survivability exemption.

Nephrops in Area IX

Stock under survivability exemption.

No tac top up possible

Plaice VIII,IX

Not possible to calculate the TAC adjustment  
because discards are unknown.

No discard rate from STECF

No top up possible

ICES data	Plaice VI
ICES catch TAC	no advice
ICES landings TAC	
ICES discards	
Discard rate (all fleets)	

Statement Stock

No increase

ICES data	Plaice III Kat
ICES catch TAC	3058
ICES landings TAC	2065
ICES discards	993
Discard rate (all fleets)	32.5%

amended 23/11

Total catch 8333
Landings 6199
Allocation to IIIa
Total Catch 3058, landings 2065

STECF

Step 1	Deduct <i>de minimis</i> from ICES total catch figure	ICES catch advice 2016	3058	Comments
		<i>de minimis</i>	0%	
		Contr. to total catches	0%	
		<i>de minimis</i> deduction (A)	0	
Step 2	Deduct discards fleets <u>not</u> under LO	Total discards 2016	993	Fleet meeting threshold for inclusion
		Contribution to discards by fleets not under LO (Landings under Lo/total landings)	72.0%	All TR1 fleet no discards from TBB
		If no data under previous step consider ICES discard rate	0.0%	
		Discards by fleets not under LO to be deducted (B)	715	Fleet contribution to discard under the LO
		Total deduction A+B	715	TR1 contribution to discards 28%,
		New catch TAC	2343	no applicable discards from Beam Trawls
		TAC top up % relative to ICES landings TAC	13.5%	Excluded discards
		TAC top up % if no deduction of <i>de minimis</i>		TR1: 28%
		New catch TAC	2343	Total under LO =28%
		TAC top up %	13.5%	Continuing discards =72%
		top up	278	

LO applies to : catches of plaice by Beam trawl (>120mm)  
Trawls greater than 100mm (TR1)

NO Deminimis exemptions

Extract from FDI database (JRC data)- omission from STECF report PLEN 16 03

Gear	Discards	Landings	Catch	Discard rate	% contribution to discards
BT2			6		0%
GN1		22.39821	22.39821		0%
GT1		43.34709	43.34709		0%
LL1		0.016359	0.016359		0%
NONE		185.065	185.065		0%
OTTER		4.096902	4.096902		0%
PEL_TRAWL		7.944705	7.944705		0%
TR1	86.01304	192.2281	278.2411		31%
TR2	218.8114	903.5832	1122.395		19%
TR3		1.808631	1.808631		0%
Total	304.8245	1097.62	1402.444		



ICES data	Pollock
ICES catch TAC	5225
ICES landings TAC	5215
ICES discards	10
Discard rate (all fleets)	0.2%

Commerical catch in 2014- 5255t,  
discards 10t.....  
STECF id 1% discard rate, for entire VII TAC

STECF Data For TR1 and TR2

Step	Description	ICES catch advice 2016	Value	Comments
Step 1	<b>Deduct de minimis from ICES total catch figure</b>	ICES catch advice 2016	5225	Comments
		de minimis	0%	
		Contr. to total catches	0%	
		<b>de minimis deduction (A)</b>	0	
Step 2	<b>Deduct discards fleets <u>not</u> under LO</b>	Total discards 2016	10	<b>Fleet meeting threshold for inclusion</b>
		Contribution to discards by fleets <b>not</b> under LO (Landings under LO/total landings)	51.1%	All gill nets included
		If no data under previous step consider ICES discard rate	0.0%	<b>Fleet contribution to discard under the LO</b>
		<b>Discards by fleets not under LO to be deducted (B)</b>	5	gillnets contribute 48.9% to discards
		<b>Total deduction A+B</b>	5	<b>Excluded discards</b>
		New catch TAC	5219.9	Total under LO =48.9%
		<b>TAC top up % relative to ICES landings TAC</b>	<b>0.09%</b>	<b>Continuing discards =51.1%</b>
		TAC top up % if no deduction of de minimis		
		New catch TAC	5220	
		TAC top up %	0.1%	
		<b>top up</b>	5	

REVISED 1-12 Projection on landings basis

ICES data	Sole VIID
ICES catch TAC	2487
ICES landings TAC	2257
ICES discards	230
Discard rate (all fleets)	9.2%

Step 1	Deduct <i>de minimis</i> from ICES total catch figure	ICES <u>catch</u> advice 2016	2487	Comments
		<i>de minimis (for some gears)</i>	3%	
	Beam Trawl	<i>Contribution</i>	43%	trammel contribute to catch 42.9%
	Gill; net	<i>Contribution</i>	3%	TBB contribute to catch 34.4%
		<i>Contribution</i>	34%	
		<i>Contr. to total catches</i>	2.32%	
		<b><i>de minimis</i> deduction (A)</b>	57.7	STECF identify discard contribution
Step 2	Deduct discards fleets <u>not</u> under LO	Total discards 2016	230	Beam Trawl 37.1%; Demersal Trawls 53% (TR2) ;Gillnets 7.9%; Total 98%
		Contribution to discards by fleets <u>not</u> under LO (Landings under Lo/total landings)	7.8%	TR2 (and TR3)- 43% of landings under the landing obligation ( 53% * 89%= 47.17%)
		If no data under previous step consider ICES discard rate	0.0%	Beam Trawl 100% (37.1%) Gillnets 100% (7.9%)
		Discards by fleets not under LO to be deducted (B)	17.9	included in LO 92.17%,
		<b>Total deduction A+B</b>	76	
		<b>New catch TAC</b>	2411	
		<b>TAC top up % relative to ICES landings TAC</b>	6.84%	
		TAC top up % if no deduction of <i>de minimis</i>		
		New catch TAC		
		TAC top up %		

top up	154
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Sole VIIe

ICES data	Sole VIIe
ICES catch TAC	1198
ICES landings TAC	1178
ICES discards	20
STECF discards	
Discard rate (all fleets)	1.7%
New Catch	

STECF data	BT2	GN1	Total
discard rate	1%	0%	
catches	52%	9%	
contr. discard	5%	0%	5%
contr. discard <u>not</u> LO			95%
<b>Discards (t)</b>			
BT2		6.23	
GN1		0.00	
BT2 + GN1		6.23	
Total discards		125	
discards <u>not</u> under LO		118.36	

<b>Step 1</b>	<b>Deduct de minimis from ICES total catch figure</b>	ICES catch advice 2016	1178	
	<i>de minimis</i>		3%	de minimis applies to gillnets only in VIIe,f,g contribute 7.4% to overall catch
	Contr. to total catches		7%	
	<b>de minimis deduction</b>		2.62	
<b>Step 2</b>	<b>Deduct discards fleets <u>not</u> under LO</b>	Total discards 2016	20.00	beam trawls contribute 4.9% for on basis of no of vessels 64% beam trawl included (3.1%) 100% gill nets included (0%) therefore excluded 96.8%
	Contribution to discards by fleets not under LO		96.8%	
	If no data under previous step consider ICES discard rate		1.7%	
	<b>Discards by fleets not under LO to be deducted (B)</b>		19.36	
	<b>Total deduction A+B</b>		22.00	de minimis and discarding
	New catch TAC		1156	greater than ICES advice: no
	<b>TAC top up % relative to ICES landings TAC</b>		-1.9%	top up



ICES data	Sole VII,f,g
ICES catch TAC	806
ICES landings TAC	782
ICES discards	24
Discard rate (all fleets)	3.0%

<b>Step 1</b>	<b>Deduct de minimis from ICES total catch figure</b>	ICES catch advice 2016	806	
		<i>de minimis (for some gears)</i>	3%	De minimis applies for beam trawls in VIIe,f and g (gear >80mm) with more than 5% =catch contribution of 30.6% for 93% of vessels=28.45%
	Beam Trawl	<i>Contribution</i>	28%	
	Gill; net	<i>Contribution</i>	3%	
		<i>Contribution</i>	4%	
	Contr. to total catches <i>de minimis deduction (A)</i>	0.97%		
			8	
<b>CAP</b>			7.8	It is not possible to link gears with area using STECF information.
<b>Step 2</b>	<b>Deduct discards fleets not under LO</b>	Total discards 2016	24	
		Contribution to discards by fleets not under LO (Landings under Lo/total landings)	81.4%	All trammel nets included (0% discard) 93% of beam trawls ( for 7bcf-k) under LO with 20% discard contribution (=18.6%)
		If no data under previous step consider ICES discard rate	0.0%	
		<b>Discards by fleets not under LO to be deducted (B)</b>	20	
		<b>Total deduction A+B</b>	27	
		New catch TAC	779	if de minimis applied at 2%
	<b>TAC top up % relative to ICES landings TAC</b>	-0.4%		
		<b>TAC top up % if no deduction of de minimis</b>		No de minimis applied ( DR < De minimis)
		New catch TAC	786	
		<b>TAC top up %</b>	0.6%	

Continuing discards and de minimis higher than current advice;

ICES data	Sole II and IV
ICES catch TAC	15241
ICES landings TAC	14177
ICES discards	1064
Discard rate (all fleets)	7.0%

-10t to NOR

Management Plan followed
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STECF

<b>Step 1</b>	<b>Deduct <i>de minimis</i> from ICES total catch figure</b>	ICES catch advice 2016	15241	
		<i>de minimis</i>	3%	
		Contr. to total catches	8.8%	trammel @ 8.8% contribution to catch
		<b><i>de minimis</i> deduction (A)</b>	40	increased mesh size
		<i>de minimis</i>	7%	BT with highly selective gears
		Contr. to total catches	0.142%	discard rte of under MCRS approx 12%
		<b><i>de minimis</i> deduction (A)</b>	2	Contribution to catches by BT 82.3%
		<b>Total</b>	42	discard rate of BT fleet 18%
				Estimated % of fleet using selective
<b>Step 2</b>	<b>Deduct discards fleets <u>not</u> under LO</b>	Total discards 2015	0	100% of catches under LO
		Contribution to discards by fleets <b>not</b> under LO (Landings under Lo/total landings)	0.0%	
		If no data under previous step consider ICES discard rate	0.0%	
		<b>Discards by fleets not under LO to be deducted (B)</b>	0	
		<b>Total deduction A+B</b>	42	
		New catch TAC	15199	
		<b>TAC uplift % relative to ICES landings TAC</b>	7.2%	
		<b>Uplift</b>	1022	

<b>ICES data</b>	<b>Sole III a</b>
ICES catch TAC	555
ICES landings TAC	534
ICES discards	21
Discard rate (all fleets)	3.8%

**STECF**

<b>Step 1</b>	<b>Deduct de minimis from ICES total catch figure</b>	ICES catch advice 2016	555	Comments	
		<i>de minimis</i>	2%	contribution to catch: IIIa 70-99mm trawls ;41.7% ( if they all have grids)	
		Contr. to total catches	42%		
		<i>de minimis</i> deduction	4.629		
			<i>de minimis</i>	3%	STECF id 16.5% contribution by all GN in Ila,3B1
			Contr. to total catches	17%	
			<i>de minimis</i> deduction	77	
		<b>Total de minimis</b>	<b>82</b>		
<b>Step 2</b>	<b>Deduct discards fleets <u>not</u> under LO</b>	Total discards 2016	21		
		Contribution to discards by fleets not under LO (Landings under Lo/total landings)	17.4%	STECF ID Contribution to discards for TR2 and TR1 ,14.3% and 65.2%. Gill net 3.1%. ( Last year MS identified 1% contribution to discards for GN) Beam Trawls no data Therefore 17.4% of discards remain outside LO	
		If no data under previous step consider ICES discard rate	0.0%		
		Discards by fleets not under LO to be deducted (B)	4		
		Total deduction A+B	81		
		New catch TAC	474		
		TAC top up % relative to ICES landings TAC	-11.2%		
		TAC top up % if no deduction of de minimis		Uncertainty in application of de minimis, de minimis not applied in calculation	
		New catch TAC	551		
		TAC top up %	3.2%		
	<b>TOP up (t)</b>	<b>17</b>			

Landing obligation applies to SOLE in  
**IV and II with trawls 80-99mm,**  
**Area IIIa with trawls 70-99mm**  
**All areas Beam Trawls 80-119mm**  
 all gill nets

De minimis applies to In IIIa for sole and haddock combined up to 2% of total ctch of Norway Lobster, common sole and haddock with trawls OTB, TBN >=70mm mesh with grid.  
  
 Also to 3% (in IIIa) of total catch by Gillnets

ICES data	Sole VIIbc
ICES catch TAC	30
ICES landings TAC	?
ICES discards	?
STECF discards	?
Discard rate (all fleets)	2.1%
Current TAC 42t	



ICES data	Sole HJK
ICES catch TAC	223
ICES landings TAC	?
ICES discards	Negligible
STECF discards	15.21
Discard rate (all fleets)	6.8%
New total catch	238.21

STECF data	BT2	GN1	Total
discard rate	2%	0%	
catches	68%	4%	
contr. discard	20%	0%	20%
contr. discard not LO			80%

Discards (t)	BT2	GN1	Total
	3.04	0.00	
	0.00	3.04	
	3.04	15.21	
	15.21	12.17	

Step 1	Deduct <i>de minimis</i> from ICES total catch figure	ICES catch advice 2016		
			238	
	<i>de minimis</i>		3%	
	Contr. to total catches		18.7%	
	<i>de minimis</i> deduction (A)		1.33	(contribute to catch 30.6%) for 61% of vessels =-18.66%
Step 2	Deduct discards fleets not under LO	Total discards 2016	15.21	
	Contribution to discards by fleets not under LO		87.8%	All trammel nets included (0% discard rate) 61% of beam trawls included ( for 7bcf-k) with 20% discard contribution (=12.2%) therefore 87.8% discards continue.
	If no data under previous step consider ICES discard rate		6.8%	
	Discards by fleets not under LO to be deducted (B)		13.35	
	Total deduction A+B		14.69	
	New catch TAC		224	
	TAC top up % relative to ICES landings TAC			

Not top up possible

IC above advice



Sole VI

STATEMENT STOCK  
No Increase!

ICES data	
ICES catch TAC	57
ICES landings TAC	57
ICES discards	0
Discard rate (all fleets)	0.0%

STEFC Data For TR1 and TR2

Part of the gaddoid fishery

Step	Description	Value	Percentage	Comments
Step 1	<b>Deduct de minimis from ICES total catch figure</b>	ICES catch advice 2016	57	
		de minimis	0%	
		Contr. to total catches	0%	
		de minimis deduction (A)	0	
Step 2	<b>Deduct discards fleets not under LO</b>	Total discards 2016	0	Same STECF / MS input as Had Via  Last year based on fleet no. STECF TR1 75% included TR2 13% included.
		Contribution to discards by fleets not under LO (Landings under LO/total landings)	23.1%	
		If no data under previous step consider ICES discard rate	0.0%	
		Discards by fleets not under LO to be deducted (B)	0	
		Total deduction A+B	0	
		New catch TAC	57.0	
		TAC top up % relative to ICES landings TAC	0.00%	
		TAC top up % if no deduction of de minimis		
		New catch TAC	57	
		TAC top up %	0.0%	
		top up	0	

89% of landing in TR1 to be included (11% excluded)  
 79% of landings in TR2 to be included (21% excluded)  
 TR1: 75% of 89% = 66.7%  
 TR2: 13% of 79% = 10.2%  
 Total under LO = 76.9% (outside = 23.1%)

LO applies where total landings of all species consist of more than 5% of haddock, whiting, cod and saithe.

Sole VIIIcde

Ceiling stock - same TAC = 1072t . No change in the perception of the stock.

**Discards** are unkown and considered to be negligible meaning no TAC adjustment.

No top up possible

Basis for calculations		Sole BOB
ICES catch (MSY)	3107	<b>Stock under plan, no top applied</b>
ICES landings TAC	3107	
ICES discards	?	
STECF discards	128	
Discard rate (all fleets)	4.1%	
New catch advice	3235	

STECF data	OTB	BEAM	GN	Total	Discards (t)
discard rate	9.0%		4.0%	2.0%	OTB 78
catches	28.0%		8.0%	64.0%	BEAM 10
contr. discard	54.1%		8.5%	37.4%	GN 40
contr. discard not LO				0.0%	Sum 128
					Total 128
					discards not under LO 0

	COM method	Comments	
<b>Step 1</b> <i>Deduct de minimis from ICES total catch figure</i>	ICES catch advice 2015	3235	
	<i>de minimis</i> for trawlers	5%	
	Contrib. to catches by trawlers	36%	trawl 28% + beam 8%
	<i>de minimis</i> for netters	3%	
	Contrib. to catches by netters	64%	
			Gill net contribution to catch
	<i>combined de minimis de minimis</i> reduction (A)	3.72%	
	New catch TAC	120.34	
	No top up as no ICES landings figure	3115	
		-	
<b>No step 2 as all fleets under LO (and discards negligible)</b>	Deduct discards Total discards 2016	128	
			99.9% under landing obligation (54.1 Trawl, 8.5% beam, 37.4 % gillnets)
	Contribution to discards by fleets not under LO	0.1%	
	If no data under previous step consider ICES discard rate		
	<b>Discards by fleets not under LO to be deducted</b>	0.128	
	Total deduction A+B	120.5	

New landings TAC	3114.5	compared to ICES landing advice
top up (compared to advice)	0.2%	
	7.5t difference	

Revised 7-12-2017 on landings basis

ICES data	Whiting VIIb-k
ICES catch TAC	25125
ICES landings TAC	19825
ICES discards	5300
fleets)	21.1%

VIIId added	Combined VII
initial ( VIIId TAC 4119),	23944
Final (VIIId TAC 6026)	28716
Top up (VIIId 1907t)	4772
Overall percent top up	19.93%

Step 1	Deduct <i>de minimis</i>	ICES catch advice 2016	25125	Comments
		<i>de minimis</i>	7%	
		Contr. to total catches	83.9%	STECF identify contribution to total contribution to catch of TR (all) 93.2% Contribution to landings of this fleet is 90%
		<i>de minimis</i> deduction (A)	1475	
Step 2	Deduct discards	Total discards 2016	5300	
		Contribution to discards by fleets not	18.1%	STECF identify contributions to discards of TR (all) 91.9% accounting for 90% of landings under LO = 81.9% of landings included , or 18.1 excluded.
		If no data under previous step consider	0.0%	
		Discards by fleets not under LO to be	959	
		Total deduction A+B	2435	
		New catch TAC	22690	
		TAC top up % relative to ICES landings	14.45%	

De minimis is for whiting up to 7% for vessels less than 100mm bottom trawl in VIIb,c,d,e,f,g,h,j,k  
DE mInimis for whiting up to 7% for vessels over 100mm bottom trawl in VIIb-j

LO applies to Trawls and seines in VIIId with >20% cod, haddock, whiting and saithe.

REVISED 7-12-2017 LANDINGS BASIS

Roll over of allocation from EU / NOR

ICES data	Whiting VIId
ICES catch TAC	7081
ICES landings TAC	4119
ICES discards	2962
Discard rate (all)	41.8%

VIIb,e-k to be added

Step 1	Deduct de minimis from	ICES catch advice 2016	7081	Comments
		<i>de minimis</i>	7%	
		Contr. to total catches	80%	TR1-3 contribute 93.9% to total catch for 83% of vessels ==14.085%
		<i>de minimis</i> deduction (A)	396	
Step 2	Deduct discards	Total discards 2016	2962	
		Contribution to discards by fleets not under LO (Landings)	22.2%	STECF identify discard contributions of TR (all) 93.7% 83% by landings under the LOs included under LO therefore under LO 77.771%, or 22.229% excluded
		If no data under previous step consider ICES discard	0.0%	
		Discards by fleets not under LO to be deducted (B)	658	
		Total deduction A+B	1055	
		New catch TAC	6026	
		TAC top up % relative to ICES landings TAC	46.31%	
		top up	1907	

De minimis is for whiting up to 7% for vessels less than 100mm bottom trawl in VIIb-e-k  
 DE mInimis for whiting up to 7% for vessels over 100mm bottom trawl in VIIb-j

LO applies to Trawls and seines in VIId with >20% cod, haddock, whiting and saithe.

Nephrops in IV. N Sea		ICES advice	wanted catch					
	catch		landing	Discards	Discard Rates	6% de minimis	top up	Non - zeros top up
Botney Gut	5	895	895	0	0.00%	53.7	-53.7	0
Farn Deeps	6	1143	1020	123	10.76%	68.58	54.42	54.42
Fladen	7	12699	12656	43	0.34%	761.94	-718.94	0
Firth Forth	8	2548	2190	358	14.05%	152.88	205.12	205.12
Moray Firth	9	1023	1018	5	0.49%	61.38	-56.38	0
Noup	10	40	38	2	5.00%	2.4	-0.4	0
Horn's Reef	33	1119	1119	0	0.00%	67.14	-67.14	0
Devil's Hole	34	492	459	33	6.71%	29.52	3.48	3.48
other rectangles	other	376	376	0	0	22.56	-22.56	0
Overall		20335	19771	564	0.027735		-656.1	263.02
de min rate	0.06							
			top up percentage	1.330%		TAC	20034.0	
			top up amount	263.02				