

**Proposed EU-Only Fishing Opportunities
2023**

**Supporting document:
Worksheet of landing obligation
exemptions deductions***

Version: 8 November 2022

* To be finalised.

Table 1 - Landing obligation exemptions applying to EU-only TACs, in 2023

Sea Basin	Type	TAC	Expires by	Legal basis	Article	Exemption
SWW	Survivability	NEP/8CU31	2023	Reg. (CE) 2020/2015 (21.08.2020)	Article 9	The survivability exemption provided for in Article 15(4)(b) of Regulation (EU) No 1380/2013 shall apply to Norway lobster (<i>Nephrops norvegicus</i>) caught in ICES subareas 8 and 9 with bottom trawls (gear codes: OTB, OTT, PTB, TBN, TBS, TB, TBB, OT, PT and TX).
SWW	De minimis	HKE/8C3411	2023	Reg. (CE) 2020/2015 (21.08.2020)	Article 14.1.a	By way of derogation from Article 15(1) of Regulation (EU) No 1380/2013, the following quantities may be discarded in the South-Western Waters pursuant to Article 15(5)(c) of that Regulation for hake (<i>Merluccius merluccius</i>), up to a maximum of 5 % of the total annual catches of that species by vessels using trawls and seines (gear codes: OTM, PTM, OTT, PTB, OT, PT, TBN, TBS, TX, SSC, SPR, TB, SDN, SX, SV) in ICES subareas 8 and 9.
SWW	De minimis	SOL/8AB	2023	Reg. (CE) 2020/2015 (21.08.2020)	Article 14.1.b	By way of derogation from Article 15(1) of Regulation (EU) No 1380/2013, the following quantities may be discarded in the South-Western Waters pursuant to Article 15(5)(c) of that Regulation for common sole (<i>Solea solea</i>), up to a maximum of 5 % of the total annual catches of that species by vessels using pelagic trawls, beam trawls and bottom trawls (gear codes: OTM, PTM, OTT, PTB, TBN, TBS, TBB, OT, PT and TX) in ICES divisions 8a and 8b.
SWW	De minimis	SOL/8AB	2023	Reg. (CE) 2020/2015 (21.08.2020)	Article 14.1.c	By way of derogation from Article 15(1) of Regulation (EU) No 1380/2013, the following quantities may be discarded in the South-Western Waters pursuant to Article 15(5)(c) of that Regulation for common sole (<i>Solea solea</i>), up to a maximum of 3 % of the total annual catches of that species by vessels using trammel nets and gillnets (gear codes: GNS, GND, GNC, GTN, GTR and GEN) in ICES divisions 8a and 8b.
SWW	De minimis	JAX/09	2023	Reg. (CE) 2020/2015 (21.08.2020)	Article 14.1.e	By way of derogation from Article 15(1) of Regulation (EU) No 1380/2013, the following quantities may be discarded in the South-Western Waters pursuant to Article 15(5)(c) of that Regulation for horse mackerel (<i>Trachurus</i> spp.), up to a maximum of 5 % of the total annual catches of horse mackerel by vessels using beam trawls, bottom trawls and seines (gear codes: OTB, OTT, PTB, TBN, TBS, TBB, OT, PT, TX, SSC, SPR, SDN, SX, SV) in ICES subareas 8 and 9.
SWW	De minimis	JAX/09	2023	Reg. (CE) 2020/2015 (21.08.2020)	Article 14.1.f	By way of derogation from Article 15(1) of Regulation (EU) No 1380/2013, the following quantities may be discarded in the South-Western Waters pursuant to Article 15(5)(c) of that Regulation for horse mackerel (<i>Trachurus</i> spp.), up to a maximum of 3 % of the total annual catches of horse mackerel by vessels using gillnets (gear codes: GNS, GND, GNC, GTR, GTN) in ICES subareas 8, 9 and 10 and CECAF zones 34.1.1, 34.1.2, 34.2.0.
SWW	De minimis	LDB/LEZ/MEG/8C3411	2023	Reg. (CE) 2020/2015 (21.08.2020)	Article 14.1.i	By way of derogation from Article 15(1) of Regulation (EU) No 1380/2013, the following quantities may be discarded in the South-Western Waters pursuant to Article 15(5)(c) of that Regulation for megrim (<i>Lepidorhombus</i> spp.), up to a maximum of 5 % of the total annual catches of megrim by vessels using beam trawls, bottom trawls and seines (gear codes: OTB, OTT, PTB, TBN, TBS, TBB, OT, PT, TX, SSC, SPR, SDN, SX, SV) in ICES subareas 8 and 9.
SWW	De minimis	LDB/LEZ/MEG/8C3411	2023	Reg. (CE) 2020/2015 (21.08.2020)	Article 14.1.j	By way of derogation from Article 15(1) of Regulation (EU) No 1380/2013, the following quantities may be discarded in the South-Western Waters pursuant to Article 15(5)(c) of that Regulation for megrim (<i>Lepidorhombus</i> spp.), up to a maximum of 4 % of the total annual catches of megrim by vessels using gillnets (gear codes: GNS, GND, GNC, GTR, GTN) in ICES subareas 8 and 9.
SWW	De minimis	ANF/8C3411	2023	Reg. (CE) 2020/2015 (21.08.2020)	Article 14.1.k	By way of derogation from Article 15(1) of Regulation (EU) No 1380/2013, the following quantities may be discarded in the South-Western Waters pursuant to Article 15(5)(c) of that Regulation for anglerfish (<i>Lophidae</i>), up to a maximum of 5 % of the total annual catches of anglerfish by vessels using pelagic trawls, beam trawls, bottom trawls and seines (gear codes: OTM, PTM, OTT, PTB, TBN, TBS, TBB, OT, PT, TX, SSC, SPR, SDN, SX, SV) in ICES subareas 8 and 9.
SWW	De minimis	ANF/8C3411	2023	Reg. (CE) 2020/2015 (21.08.2020)	Article 14.1.l	By way of derogation from Article 15(1) of Regulation (EU) No 1380/2013, the following quantities may be discarded in the South-Western Waters pursuant to Article 15(5)(c) of that Regulation for anglerfish (<i>Lophidae</i>), up to a maximum of 4 % of the total annual catches of anglerfish by vessels using gillnets (gear codes: GNS, GND, GNC, GTR, GTN) in ICES subareas 8 and 9.
SWW	De minimis	WHG/08	2022	Reg. (CE) 2020/2015 (21.08.2020)	Article 14.1.m	By way of derogation from Article 15(1) of Regulation (EU) No 1380/2013, the following quantities may be discarded in the South-Western Waters pursuant to Article 15(5)(c) of that Regulation for whiting (<i>Merlangius merlangus</i>), up to a maximum of 5 % of the total annual catches of that species by vessels using pelagic trawls, beam trawls, bottom trawls and seines (gear codes: OTB, OTT, PTB, TBN, TBS, TBB, OT, PT, TX, SSC, SPR, SDN, SX, SV) in ICES subarea 8.
SWW	De minimis	WHG/08	2022	Reg. (CE) 2020/2015 (21.08.2020)	Article 14.1.n	By way of derogation from Article 15(1) of Regulation (EU) No 1380/2013, the following quantities may be discarded in the South-Western Waters pursuant to Article 15(5)(c) of that Regulation for whiting (<i>Merlangius merlangus</i>), up to a maximum of 4 % of the total annual catches of that species by vessels using gillnets (gear codes: GNS, GND, GNC, GTR, GTN) in ICES subarea 8.
SWW	De minimis	SBR/09	2023	Reg. (CE) 2020/2015 (21.08.2020)	Article 14.1.p	By way of derogation from Article 15(1) of Regulation (EU) No 1380/2013, the following quantities may be discarded in the South-Western Waters pursuant to Article 15(5)(c) of that Regulation for red seabream (<i>Pagellus bogaraveo</i>), up to a maximum of 5 % of the total annual catches of that species by vessels using beam trawls, bottom trawls and seines (OTT, OTB, PTB, OT, PT, TBN, TBS, TX, SSC, SPR, TB, TBB, SDN, SX, SV) in the Gulf of Cadiz part of ICES subarea 9a.
SWW	De minimis	SOL/8CDE34	2023	Reg. (CE) 2020/2015 (21.08.2020)	Article 14.1.q	By way of derogation from Article 15(1) of Regulation (EU) No 1380/2013, the following quantities may be discarded in the South-Western Waters pursuant to Article 15(5)(c) of that Regulation for sole (<i>Solea</i> spp.) up to a maximum of 1 % of the total annual catches of sole by vessels using beam trawls, bottom trawls and seines (gear codes: OTT, OTB, PTB, OT, PT, TBN, TBS, TX, SSC, SPR, TB, TBB, SDN, SX, SV) in the Gulf of Cadiz part of ICES subarea 9a.
SWW	De minimis	JAX/09	2023	Reg. (CE) 2020/2015 (21.08.2020)	Article 14.1.u	By way of derogation from Article 15(1) of Regulation (EU) No 1380/2013, the following quantities may be discarded in the South-Western Waters pursuant to Article 15(5)(c) of that Regulation for horse mackerel (<i>Trachurus</i> spp.) and mackerel (<i>Scomber scombrus</i>) up to a maximum of 4 % of the total annual catches and for anchovy (<i>Engraulis encrasicolus</i>) up to a maximum of 1 % of the total annual catches using purse seines (PS) in ICES subareas 8, 9 and 10 and CECAF divisions 34.1.1, 34.1.2, 34.2.0.
Kattegat	Survivability	PLE/03AS	2023	Reg.(CE) 2020/2014 (10.12.2020)	Article 5.1	Survivability exemption for by-catch of all species subject to catch limits in pots and fyke nets (FPO, FYK) in the Union waters of ICES division 3a and ICES subarea 4.
Kattegat	Survivability	PLE/03AS	2023	Reg.(CE) 2020/2014 (10.12.2020)	Article 6.1.a	Survivability exemption for catch and by-catch of plaice (<i>Pleuronectes platessa</i>) caught with nets (GNS, GTR, GTN, GEN) in waters of ICES division 3a and subarea 4
Kattegat	Survivability	PLE/03AS	2023	Reg.(CE) 2020/2014 (10.12.2020)	Article 6.1.b	Survivability exemption for catch and by-catch of plaice plaice (<i>Pleuronectes platessa</i>) caught with Danish seines; waters of ICES division 3a and subarea 4
Kattegat	Survivability	PLE/03AS	2023	Reg.(CE) 2020/2014 (10.12.2020)	Article 6.1.c.i	Survivability exemption for catch and by-catch of plaice plaice (<i>Pleuronectes platessa</i>) caught with bottom trawls (OTB, PTB): with a mesh size of at least 120 mm when targeting flatfish or roundfish in the Union waters of ICES division 3a and subarea 4.
Kattegat	Survivability	PLE/03AS	2023	Reg.(CE) 2020/2014 (10.12.2020)	Article 6.1.c.ii	Survivability exemption for catch and by-catch of plaice plaice (<i>Pleuronectes platessa</i>) caught with a mesh size of 90 to 119 mm equipped with Seltra panel with a top panel of 140 mm mesh size (square mesh), 270 mm mesh size (diamond mesh) or 300 mm mesh size (square-mesh), which target flatfish or roundfish in the Union waters of ICES division 3a.
NS	De minimis	SOL/3A/BC24	2023	Reg.(CE) 2020/2014 (10.12.2020)	Article 11.1	in fisheries for common sole by vessels using trammel nets and gillnets (GN, GNS, GND, GNC, GTN, GTR, GEN, GNF) in the Union waters of the North Sea (ICES divisions 2a, 3a and subarea 4): a quantity of common sole below and above the minimum conservation reference size, which shall not exceed 3 % of the total annual catches of that species;
NS	De minimis	SOL/3A/BC24	2023	Reg.(CE) 2020/2014 (10.12.2020)	Article 11.3	in the fishery for Norway lobster by vessels using bottom trawls (OTB, OTT, TBN) with a mesh size equal to or larger than 70 mm equipped with a species-selective grid with a bar spacing of maximum 35 mm in the Union waters of ICES division 3a: a combined quantity of common sole, haddock, whiting, cod, saithe and hake below the minimum conservation reference size, which shall not exceed 4 % of the total annual catches of Norway lobster, common sole, haddock, whiting and Northern prawn, cod, saithe and hake;
NS	De minimis	PLE/03AS	2023	Reg.(CE) 2020/2014 (10.12.2020)	Article 11.4	in the fishery for Northern prawn by vessels using bottom trawls (OTB, OTT) with a mesh size equal to or larger than 35 mm equipped with a species selective grid with a bar spacing of maximum 19 mm, and with unblocked fish outlet, in the Union waters of ICES division 3a: a combined quantity of common sole, haddock, whiting, cod, plaice, saithe, herring, Norway pout, greater silver smelt and blue whiting below the minimum conservation reference size where it exists, which shall not exceed 5 % of the total annual catches of Norway lobster, common sole, haddock, whiting, cod, saithe, plaice, Northern prawn, hake, Norway pout, greater silver smelt, herring and blue whiting.
NS	De minimis	SOL/3A/BC24	2023	Reg.(CE) 2020/2014 (10.12.2020)	Article 11.4	in the fishery for Northern prawn by vessels using bottom trawls (OTB, OTT) with a mesh size equal to or larger than 35 mm equipped with a species selective grid with a bar spacing of maximum 19 mm, and with unblocked fish outlet, in the Union waters of ICES division 3a: a combined quantity of common sole, haddock, whiting, cod, plaice, saithe, herring, Norway pout, greater silver smelt and blue whiting below the minimum conservation reference size where it exists, which shall not exceed 5 % of the total annual catches of Norway lobster, common sole, haddock, whiting, cod, saithe, plaice, Northern prawn, hake, Norway pout, greater silver smelt, herring and blue whiting.

Table 2 - Landing obligation exemptions deductions (%) for EU-only TACs, for 2023

Code	COM proposal TAC pre-deduction	Deduction (rounded) %	COM proposal TAC after deduction	Notes
PLE/03AS	1981	-46.56%	1059	<-Same as last year due to incomplete data on discards and no published ICES data on contribution by gear
SOL/03ABC24	504	-1.16%	498	
SOL/08AB	2685	-2.41%	2620	<-Same as last year due to incomplete data on discards and no published ICES data on contribution by gear
HKE/08C3411	15925	-2.33%	15554	
LEZ/8C3411	3250	-4.00%	3120	<-Same as last year due to incomplete data on discards and no published ICES data on contribution by gear
ANF/8C3411	4335	-4.12%	4156	<-Same as last year due to incomplete data on discards and no published ICES data on contribution by gear
JAX/09	165173	-4.34%	158005	<-Same as last year due to incomplete data on discards and no published ICES data on contribution by gear
SBR/09	114.00	-1.43%	112	
NEP/8CU31	17	-48.32%	9	
PLE/7BC	Wanted catch/landings advice, thus no deduction.			
PLE/08/3411	Wanted catch/landings advice, thus no deduction.			
SOL/8CDE34	No deduction <1%			Art 14.1. q = 1% the Gulf of Cadiz part of ICES subarea 9a.
WHG/08	To be confirmed			Exemptions due to expire at the end of 2022, but roll-over of exemptions being considered.

Table 3 - Landing obligation exemptions deductions (%) for EU-only TACs, for 2019 to 2023

TAC	2019	2020	2021	2022	2023
ANE/9/3411	N/A	N/A			
ANF/8ABDE	-4.73%	-4.76%			
ANF/8C3411	-4.55%	-4.12%	-4.12%	-4.12%	-4.12%
COD/03AS	-3.61%	N/A			
COD/7XAD34	-6.23%	N/A			
HAD/7X7A34	-6.02%	-4.90%			
HKE/8ABDE	-2.03%	-1.65%			
HKE/8C3411	-3.84%	-2.66%	-2.38%	-2.31%	-2.33%
JAX/08C	-5.00%	-2.57%			
JAX/2A14	-5.64%	-2.57%			
JAX/4BC7D	-5.00%	-1.79%			
JAX09	N/A	N/A	-4.34%	-4.34%	-4.34%
LEZ/07	-4.99%	-1.89%			
LEZ/8ABDE	-4.95%	-4.98%			
LDB/LEZ/MEG/8C3411	-4.73%	-4.00%	-4.00%	-4.00%	-4.00%
LIN/04C	-13.35%	N/A			
NEP/8CU31	N/A	N/A		-50.00%	-48.32%
NEP/8CU25	N/A	N/A		Sentinel TAC - No deduction	
PLE/03AN	N/A	-13.50%			
PLE/03AS	N/A	-29.00%	-33.88%	-46.56%	-46.56%
PLE/07A	-12.23%	-15.42%			
PLE/2A3AX4	N/A	-34.30%			
PLE/7BC	N/A	N/A		no total catch advice - no deduction	no total catch advice - no deduction
PLE/7DE	-19.12%	-20.60%			
PLE/7FG	-25.57%	-12.71%			
PLE/8 9 10	N/A	N/A		no total catch advice - no deduction	no total catch advice - no deduction
SBR/09	N/A	N/A	-1.10%		-1.43%
SOL/3ABC24	-4.33%	-1.15%		-1.10%	-1.16%
SOL/7bc	N/A	N/A		No exemptions - No deduction	No exemptions - No deduction
SOL/7D	-2.46%	-1.73%			
SOL/7E	-2.32%	N/A			
SOL/7FG	-2.70%	-2.02%			
SOL/8AB	-2.39%	-2.71%	-2.41%	-2.41%	-2.41%
SOL/8CDE34	N/A	N/A		No deduction Art 14.1. q = 1% the Gulf of Cadiz part of ICES subarea 9a.	No deduction Art 14.1. q = 1% the Gulf of Cadiz part of ICES subarea 9a.
TB/2AC4-C	N/A	-4.71%			
WHG/03A		-20.54%			
WHG/08	N/A	-3.22%	-3.30%	-4.34%	To be confirmed
WHG/2AC4	N/A	-3.51%			
WHG/7X7AC	-6.23%	-4.75%			

PLE/03AS

	SD21 only 2019	SD21 only 2020	SD21 only 2021
catches	748	859	826
ICES landings	363	281	215
ICES discards	385	576	611
discard rate	51.47%	67.05%	74.03%

COM proposal TAC
1981 MSY lower

	Initial TAC	1981	6.72%	Comments
	Survival Article 6.1.a contribution to catches		74.03%	
discard rate		80.00%		
Contr. to total deduction (t)		3.98%		
		78.82		
Survival Article 6.1.b contribution to catches		#VALUE!		Danish Seines
discard rate		74.03%		
dead discards		80.00%		*average of 20% survival / 80% dead
Contr. to total deduction (t)		#VALUE!		
Survival Article 6.1.c.i contribution to catches		0.32%		Trawls ≥ 120mm
discard rate		74.03%		
dead discards		80.00%		Catch and by-catch of plaice by vessels using bottom trawls (OTB-PTB) of mesh sizes ≥ 120 mm in ICES areas 3a and 4 *average of 20% survival / 80% dead
Contr. to total deduction (t)		0.19%		
		3.75		
Survival Article 6.1.c.ii contribution to catches		71.58%		Trawls with Seltra (New)
discard rate		74.03%		
dead discards		80.00%		*average of 20% survival / 80% dead
Contr. to total deduction (t)		42.40%		
		839.86		
SUM dead discard deduction		#VALUE!		
<i>de minimis article 11.4</i>		n.a.		Northern Prawn combined de minimis < considered same vessels as under Art.6.1.c
Contribution to catches				
de minimis				
Sum deduction in tonnes		#VALUE!		
Total deduction		#VALUE!		
Revised TAC		#VALUE!		
TAC deduction %		#VALUE!		

2022 FDI	Proportion	
Total landings	214.63	
Total discards	638.23	
Total catches	852.86	
By exemption:		
Reg.(CE) 2020/2014 Art.6.1.a (plaice caught with nets: GNS, GTR, GTN, GEN)	57.29	6.72%
Reg.(CE) 2020/2014 Art.6.1.b (plaice caught with Danish seines)	#VALUE!	#VALUE!
Reg.(CE) 2020/2014 Art.6.1.c.i (OTB, PTB w mesh size > 120mm)	2.72	0.32%
Reg.(CE) 2020/2014 Art.6.1.c.ii (OTB, PTB w mesh size 90-119 mm equipped with Seltra panel w top panel 140 mm mesh size (square mesh), 270 mm mesh size (diamond mesh) or 300 mm mesh size (square-mesh))	610.49	71.58%
Reg.(CE) 2020/2014 Art.5	#VALUE!	
Reg.(CE) 2020/2014 Art.11.4	#VALUE!	#VALUE!

75%

Spp	Sub Region	Exemption Article	Exemptions:			
			Landings (tons)	discards w fill-ins	coverage	raised discards
PLE	03AS	Reg.(CE) 2020/2014 Art.6.1.a	23.12	5.89	0.17	34.17
PLE	03AS	Reg.(CE) 2020/2014 Art.6.1.b	0.12	N/A	N/A	N/A
PLE	03AS	Reg.(CE) 2020/2014 Art.6.1.c.i	1.29	0.19	0.13	1.43
PLE	03AS	Reg.(CE) 2020/2014 Art.6.1.c.ii	149.98	446.73	0.97	460.91
PLE	03AS	Reg.(CE) 2020/2014 Art.5	0.01	N/A	N/A	N/A
PLE	03AS	Reg.(CE) 2020/2014 Art.11.4	0.01	N/A	N/A	N/A
			Tot.	174.14		496.51

FDI Totals						
Spp	Sub Region		Landings (tons)	discards w fill-ins	coverage	raised discards
PLE	03AS (27.3 A.21)		214.63	543.39	0.85	638.23
			Tot.	214.63		638.23

ICES data	Sole SOL/3A/BC24
ICES Total catch TAC	504
ICES Wanted TAC	493
ICES Unwanted	11 2%

COM proposal TAC
504 MSY point

		504	Comments
Deduct <i>de minimis</i> from total catch figure	Initial TAC	504	
	<i>de minimis</i> Art 11.1	3%	<i>de minimis</i> amount
	Contribution	37.46%	trammels and gill nets
	<i>de minimis</i> Art 11.3	4%	Nephrops trawls
	Contribution	0.9%	
	<i>de minimis</i> Art 11.5	5%	Northern Prawn trawls
	Contribution	0.00%	
	Contr. to total catches	1.16%	
	<i>de minimis</i> deduction	5.9	
	Total deduction	6	
Revised TAC	498		
TAC deduction %	-1.16%		

2022 FDI		proportion
Total landings	297.27	
Total discards	11.13	
Total catches	308.40	
DR-2020/2014 Art.11.1 catches	115.52	37.46%
DR-2020/2014 Art.11.3 catches	2.90	0.94%
DR-2020/2014 Art.11.5 catches	0.00	0.00%

Exemptions:							
Spp	Sub Region	Exemption Article		Landings (tons)	discards w fill-ins	coverage	raised discards
SOL	27.3.A.20	DR-2020/2014 Art.11.1		73.987500	N/A	N/A	N/A
SOL	27.3.A.21	DR-2020/2014 Art.11.1		36.923700	1.39371022	0.302535	4.606778259
			Tot.	110.911200			4.606778259
SOL	27.3.A.20	DR-2020/2014 Art.11.3		0.491800	N/A	N/A	N/A
SOL	27.3.A.21	DR-2020/2014 Art.11.3		1.960600	0.333919	0.749362	0.44560394
			Tot.	2.452400			0.44560394
SOL	27.3.A.21	DR-2020/2014 Art.11.5		0.002	N/A	N/A	N/A
			Tot.	0.002			

FDI Totals							
Spp	Sub Region			Landings (tons)	discards w fill-ins	coverage	raised discards
SOL	27.3.A.20			159.3405	0.612	0.194893954	3.140169251
SOL	27.3.A.21			137.9314	6.293283712	0.788063487	7.985757263
			Tot.	297.2719			11.12592651

ICES data	SOL/08AB	
ICES Total catch TAC		2685
ICES Wanted TAC		2625
ICES Unwanted		60 -2.23%

COM proposal TAC	
2685	MSY point

Deduct de minimis from total catch figure	Initial TAC	2685	Comments
	<i>de minimis</i>	5%	de minimis amount
	<i>Contribution (article 14.1.b)</i>	27%	Pelagic Trawls, Beam Trawls and Bottom Trawls contribution
	<i>de minimis</i>	3%	de minimis amount
	<i>Contribution (article 14.1.c)</i>	72%	trammel and gillnet contribution
	Contr. to total catches	3.54%	
de minimis deduction	94.9		
Total deduction			
Revised TAC	2590		
TAC deduction %	-3.54%		

		<i>proportion</i>
2022 FDI		
Total landings	3069.53	
Total discards	24.57	
Total catches	3094.10	
14.1.b catches	848.17	27.41%
landings	823.60	
discards	24.57	
14.1.c catches	2233.10	72.17%
landings	2233.10	
discards	N/A	

Exemptions:						
Spp	Sub Region	Exemption Article	Landings (tons)	discards w fill-ins	coverage	raised discards
SOL	27.8.A	2020/2015 Article 14.1.b	536.093	N/A	N/A	N/A
SOL	27.8.B	2020/2015 Article 14.1.b	287.508	0.32	0.061508	5.20258765
		Tot.	823.601			24.56693056
SOL	27.8.A	2020/2015 Article 14.1.c	1166.97	N/A	N/A	N/A
SOL	27.8.B	2020/2015 Article 14.1.c	1066.128	N/A	N/A	N/A
		Tot.	2233.098	N/A	N/A	

FDI Totals						
Spp	Sub Region	Landings (tons)	discards w fill-ins	coverage	raised discards	
SOL	27.8.A	1711.903	N/A	N/A	N/A	
SOL	27.8.B	1357.63	0.32	0.013026		24.56693056
		Tot.	3069.533			24.56693056

ICES data	HKE/8C3411	
ICES Total catch TAC		15925
ICES Wanted TAC		14288
ICES Unwanted		1637 10.28%

COM proposal TAC
15925 MSY upper

Deduct de minimis from total catch figure	Initial TAC	15925	Comments
	de minimis Art.14.1.a	5%	de minimis amount
	Contribution	46.57%	Trawls and seines
	Contr. to total catches	2.33%	
	de minimis deduction	370.8	
	Total deduction	371	
	Revised TAC	15554	
TAC deduction %	-2.33%		

proportion		
2022 FDI		
Total landings	8317.86	
Total discards	1274.13	
Total catches	9591.99	
14.1.a catches	4466.52	46.57%
landings	3627.75	
discards	838.77	

Exemptions:						
Spp	Sub Region	Exemption Article	Landings (tons)	discards w fill-ins	coverage	raised discards
HKE	27.8.C	Reg. (CE) 2020/2015 Article 14.1.a	1731.721	388.363	0.996129	389.8720841
HKE	27.9.A	Reg. (CE) 2020/2015 Article 14.1.a	1896.028	448.617	0.999369	448.9003997
		Tot	3627.749			838.7724838

FDI Totals						
Spp	Sub Region	Landings (tons)	discards w fill-ins	coverage	raised discards	
HKE	27.8.C	4914.62	397.316	0.697411	569.7012088	
HKE	27.9.A	3388.625	481.942	0.68416	704.4283875	
	34.1.1	14.618	N/A	N/A	N/A	
	Tot	8317.863			1274.129596	

ICES data	LDB/LEZ/MEG/8C3411
ICES Total catch TAC	3250
ICES Wanted TAC	3072
ICES Unwanted	178 -5.48%

COM proposal TAC
3250 MSY point

Deduct de minimis total catch figure	Initial TAC	3250	Comments
	<i>de minimis</i> 14.1.i Contribution	5% 94.3%	<i>de minimis</i> amount beam trawl, bottom trawls and seines
	<i>de minimis</i> 14.1.j Contribution	4% 5.3%	<i>de minimis</i> amount gillnets and trammels
	Contr. to total catches	4.93%	
	de minimis deduction	160.2	
	Total deduction	160	
	Revised TAC	3090	
TAC deduction %	-4.93%		

		proportion
2022 FDI		
Total landings	918.64	
Total discards	448.98	
Total catches	1367.62	
14.1.i catches	1289.93	94.32%
landings	897.20	
discards	392.73	
14.1.j catches	20.85	5.31%
landings	20.80	
discards	0.05	

Exemptions:						
Spp	Sub Region	Exemption Article	Landings (tons)	discards w fill-ins	coverage	raised discards
LDB	27.8.C	2020/2015 Article 14.1.i	0.005	75.97	1	75.97
LDB	27.9.A	2020/2015 Article 14.1.i	40.444	32.667	0.161532	202.23238
LEZ	27.8.C	2020/2015 Article 14.1.i	592.853	N/A	N/A	N/A
LEZ	27.9.A	2020/2015 Article 14.1.i	230.302	N/A	N/A	N/A
MEG	27.8.C	2020/2015 Article 14.1.i	0.59	22.4	0.4372881	51.224806
MEG	27.9.A	2020/2015 Article 14.1.i	33.007	9.773	0.1543915	63.30012
		Tot	897.201			392.72731
LDB	27.8.C	2020/2015 Article 14.1.j	0.205	0.04	0.795122	0.0503067
LDB	27.9.A	2020/2015 Article 14.1.j	1.291	0.01	0	
LEZ	27.8.C	2020/2015 Article 14.1.j	7.405	N/A	N/A	N/A
LEZ	27.9.A	2020/2015 Article 14.1.j	6.502	N/A	N/A	N/A
MEG	27.8.C	2020/2015 Article 14.1.j	0.181	0	0.2928177	0
MEG	27.9.A	2020/2015 Article 14.1.j	5.214	0	0.0345224	0
		Tot	20.798			0.0503067

FDI Totals						
Spp	Sub Region	Landings (tons)	discards w fill-ins	coverage	raised discards	
LDB	27.8.C	0.21	76.01	0.8	95.0125	
LDB	27.9.A	41.751	35.74	0.1564753	228.40666	
LEZ	27.8.C	600.309	N/A	N/A	N/A	
LEZ	27.9.A	236.804	N/A	N/A	N/A	
LEZ	34.1.1	0.004	N/A	N/A	N/A	
MEG	27.8.C	0.773	22.4	0.4023286	55.675884	
MEG	27.10.A	0.18855	N/A	N/A	N/A	
MEG	27.9.A	38.6	9.773	0.1398446	69.884735	
		Tot	918.63955		448.97978	

ICES data	Anglerfish ANF/8C3411	4335
ICES Total catch TAC		
ICES Wanted TAC	N/A	
ICES Unwanted	N/A	

COM proposal TAC
4335 MSY point

MON-ANK-ANF-ANG-MNZ-IVV

Deduct de minimis total catch figure	Initial TAC	4335	Comments
	de minimis 14.1.k Contribution	5%	de minimis amount
		55.4%	Pelagic (added) trawls, beam trawl, bottom trawls and seines
	de minimis 14.1.l Contribution	4%	de minimis amount
		39.6%	gillnets
	Contr. to total catches de minimis deduction	0.043544728	188.8
Total deduction		189	
Revised TAC		4146	
TAC deduction %		-4.35%	

2022 FDI		proportion
Total landings	1406.50	
Total raised discards	690.33	
Total catches	2096.83	
14.1.k catches	1161.18	55.38%
landings	675.88	
discards	485.302	
14.1.l catches	831.17	39.64%
landings	716.254	
discards	114.92	

Exemptions:						
Spp	Sub Region	Exemption Article	Landings (tons)	discards w fill-ins	coverage	raised discards
MON	27.8.C	2020/2015 Article 14.1.k	9.63	0.942	0.972482	0.968656
MON	27.9.A	2020/2015 Article 14.1.k	64.052	129.653	0.305517	424.3719
ANF	27.8.C	2020/2015 Article 14.1.k	283.896	N/A	N/A	N/A
ANF	27.9.A	2020/2015 Article 14.1.k	136.624	N/A	N/A	N/A
ANK	27.8.C	2020/2015 Article 14.1.k	3.717	0.739	0.983051	0.751741
ANK	27.9.A	2020/2015 Article 14.1.k	115.731	26.629	0.449741	59.20961
MNZ	27.8.C	2020/2015 Article 14.1.k	5.385	N/A	N/A	N/A
MNZ	27.9.A	2020/2015 Article 14.1.k	56.841	N/A	N/A	N/A
		Tot	675.876			485.3019
MON	27.8.C	2020/2015 Article 14.1.l	115.965	0	0.526788	0
MON	27.9.A	2020/2015 Article 14.1.l	107.749	0	0.246879	0
ANF	27.8.C	2020/2015 Article 14.1.l	92.947	N/A	N/A	N/A
ANF	27.9.A	2020/2015 Article 14.1.l	1.849	N/A	N/A	N/A
ANK	27.8.C	2020/2015 Article 14.1.l	12.391	1.338	0.290937	4.598934
ANK	27.9.A	2020/2015 Article 14.1.l	335.349	5.31	0.048132	110.3217
ANK	27.9.B	2020/2015 Article 14.1.l	0.006	N/A	N/A	N/A
MNZ	27.8.C	2020/2015 Article 14.1.l	32.803	N/A	N/A	N/A
MNZ	27.9.A	2020/2015 Article 14.1.l	17.195	N/A	N/A	N/A
		Tot	716.254			114.9207

FDI Totals						
Spp	Sub Region	Landings (tons)	discards w fill-ins	coverage	raised discards	
MON	27.10.A	3.73641	N/A	N/A	N/A	
MON	27.8.C	126.63	0.942	0.556377	1.693097	
MON	27.9.A	176.001	129.742	0.275067	471.6748	
MON	27.9.B	0.426	N/A	N/A	N/A	
MON	34.1.1	0.157	N/A	N/A	N/A	
ANF	27.8.C	377.682	N/A	N/A	N/A	
ANF	27.9.A	138.491	N/A	N/A	N/A	
ANK	27.8.C	16.289	2.077	0.445638	4.660732	
ANK	27.9.A	453.27	31.939	0.15044	212.3037	
ANK	27.9.B	0.006	N/A	N/A	N/A	
MNZ	27.10.B	0.293	N/A	N/A	N/A	
MNZ	27.8.C	38.306	N/A	N/A	N/A	
MNZ	27.9.A	75.193	N/A	N/A	N/A	
MNZ	34.1.1	0.017	N/A	N/A	N/A	
		Tot	1406.49741		690.3324	

ICES data	JAX/09
ICES Total catch TAC	165173
ICES Wanted TAC	N/A
ICES Unwanted	N/A

COM proposal TAC	MSY point
165173	

HMM-JAX-HOM

Deduct de minimis total catch figure	Initial TAC	165173	Comments
	<i>de minimis 14.1.e</i>	5%	de minimis amount
	Contribution	128%	beam trawl, bottom trawls and seines
	<i>de minimis 14.1.f</i>	3%	de minimis amount
	Contribution	1%	Gill nets
	<i>de minimis 14.1.u</i>	4%	de minimis amount
	Contribution	40%	Purse Seines
	Contr. to total catches	8.05%	
	de minimis deduction	13297.0	
	Total deduction	13297	
Revised TAC	151876		
TAC deduction %	-8.05%		

2022 FDI Totals		proportion
landings	26889.04	
discards	16959.42	
catches	43848.47	
14.1.e catches	56303.19	128.40%
landings	8831.29	
discards	47471.89	
14.1.f catches	632.58	1.44%
landings	596.94	
discards	35.64	
14.1.u catches	17395.38	39.67%
landings	17381.86	
discards	13.52	

Exemptions:						
Spp	Sub Region	Exemption Article	Landings (tons)	discards w fill-ins	coverage	raised discards
HMM	27.9.A	2020/2015 Article 14.1.e	65.554	21.62	0.70	30.87
HOM	27.9.A	2020/2015 Article 14.1.e	7794.435	11799.02	0.25	47441.03
JAX	27.9.A	2020/2015 Article 14.1.e	971.303	N/A	N/A	N/A
		Tot	8831.292			47471.89
HMM	27.9.A	2020/2015 Article 14.1.f	14.249	N/A	N/A	N/A
HOM	27.9.A	2020/2015 Article 14.1.f	564.359	10.788	0.3026814	35.64143
JAX	27.9.A	2020/2015 Article 14.1.f	18.33	N/A	N/A	N/A
		Tot	596.938			35.64143
HMM	27.9.A	2020/2015 Article 14.1.u	200.844	2.364	0.2716636	8.701939
HOM	27.9.A	2020/2015 Article 14.1.u	14892.484	4.603	0.9554708	4.81752
JAX	27.9.A	2020/2015 Article 14.1.u	2288.532	N/A	N/A	N/A
		Tot	17381.86			13.51946

FDI Totals						
Spp	Sub Region		Landings (tons)	discards w fill-ins	coverage	raised discards
HMM	27.9.A		281.024	23.985	0.3575495	67.08161
HOM	27.9.A		23329.59	11831.793	0.7004235	16892.34
JAX	27.9.A		3278.428	N/A	N/A	N/A
		Tot	26889.042			16959.42

ICES data	SBR/09	
ICES Total catch TAC		114
ICES Wanted TAC	N/A	
ICES Unwanted	N/A	

COM proposal TAC
114 Precautionary advice

Deduct <i>de minimis</i> total catch figure	Initial TAC	114	Comments
	<i>de minimis</i> 14.1.p Contribution	5% 29%	
	Contr. to total catches	1.43%	
	<i>de minimis</i> deduction	1.6	
	Total deduction	1.630	
	Revised TAC	112.37	
TAC deduction %	-1.43%		

2022 FDI Totals		proportion
landings	41.11	
discards	0.65	
catches	41.76	
14.1.p catches	11.94	28.60%
landings	11.62	
discards	0.32	

Exemptions:						
Spp	Sub Region	Exemption Article	Landings (tons)	discards w fill-ins	coverage	raised discards
SBR	27.9.A	2020/2015 Article 14.1.p	11.62	0.15	0.466006885	0.3218837
		Tot	11.62			0.3218837

FDI Totals						
Spp	Sub Region		Landings (tons)	discards w fill-ins	coverage	raised discards
SBR	27.9.A		41.109	0.152	0.23476611	0.6474529
		Tot	41			0.6474529

ICES data	SOL/8CDE34	
ICES Total catch TAC <i>Solea solea</i>		320
ICES Wanted TAC	N/A	
ICES Unwanted	N/A	

COM proposal TAC	
320	<i>Solea solea</i> MSY point
582	Total <i>Solea</i>

Deduct <i>de minimis</i> from total catch figure	Initial TAC	582	Comments
	<i>de minimis</i>	1%	<i>de minimis</i> amount
	Contribution (article 14.1.b)	18%	beam trawls, bottom trawls and seines contribution
	Contr. to total catches	0.18%	
	<i>de minimis</i> deduction	1.1	
			No deduction Art 14.1. q = 1% the Gulf of Cadiz part of ICES subarea 9a.
Total deduction			
Revised TAC	581		
TAC deduction %	-0.18%		

		proportion
2022 FDI		
Total landings	550.22	
Total discards	20.96	
Total catches	529.26	
14.1.q catches	97.81	18.48%
landings	91.40	
discards	6.41	

Exemptions:						
Spp	Sub Region	Exemption Article	Landings (tons)	discards w fill-ins	coverage	raised discards
SOL	27.9.A	2020/2015 Article 14.1.q	91.399	3.311	0.516701	6.407955
		Tot.	91.399			6.407955

FDI Totals						
Spp	Sub Region		Landings (tons)	discards w fill-ins	coverage	raised discards
SOL	27.8.C		75.296	0	0.334281	0
SOL	27.8.D		0.418	N/A	N/A	N/A
SOL	27.9.A		445.342	3.311	0.157957	20.96137
SOO	27.8.C		0.254	N/A	N/A	N/A
SOO	27.9.A		7.948	N/A	N/A	N/A
		Tot.	529.258			20.96137

ICES data	NEP/08CFU31
ICES Total catch TAC	17
ICES Wanted TAC	
ICES Unwanted	

COM proposal TAC	
17	MSY point

Deduct survivability from total catch figure	Initial TAC	17	Comments
	Contribution Reg. (CE) 2020/2015 Article 9	97%	OTB, OTT, PTB, TBN, TBS, TB, TBB, OT, PT and TX
	ICES survival rate (advice for FU 23-24)	50%	
	Contribution to total catches	48.32%	
	Deduction	8.2	
	Total deduction		
	Revised TAC	9	
TAC deduction %	-48.32%		

		proportion
2022 FDI		
Total landings	3.73	
Total discards	0.02	
Total catches	3.72	
Reg. (CE) 2020/2015 Article 9 catches	3.59	96.65%
landings	3.58	
discards	0.02	

Exemptions:						
Spp	Sub Region	Exemption Article	Landings (tons)	discards w fill-ins	coverage	raised discards
NEP	27.8.C	Reg. (CE) 2020/2015 Article 9	3.58	0.01	0.65	0.02
		Tot.	3.58			0.02

FDI Totals						
Spp	Sub Region		Landings (tons)	discards w fill-ins	coverage	raised discards
NEP	27.8.C		3.72	0.01	0.65	0.02
		Tot.	3.72			0.02