

Proposed Fishing Opportunities 2021

Supporting Document: Worksheet of Deductions Corresponding to Exemptions from the Landing Obligation*

Version: 27 October 2020

(*N.B. list of deductions not finalised ")

2021 Deductions as of 27 October 2020 (Some stocks still in "pm")

TAC	COM Proposal pre-deduction	Deduction (rounded) %	New Proposed TAC	Notes
Plaice PLE/03AS	719	-51.47%	349	
Sole SOL/3ABC24		No deduction <1%		
Sole Bay of Biscay 8AB	3483	-3.60%	3358	
Southern Hake HKE/8C3411	7825	-2.38%	7639	
Megrims LEZ/8C3411	2158	-4.00%	2072	<-Same as Last year due to incomplete data on discards and no published ICES data on contribution by Gear
Anglerfish ANF/8C3411	3672	-4.12%	3521	<-Same as Last year due to incomplete data on discards and no published ICES data on contribution by Gear
Horse Mackerel JAX09	128627	-4.34%	123045	<-data incomplete, normally revert to ICES, but not possible here and new exemption / deduction this year
Plaice 7bc		Wanted catch/ landings tac as no total catch advice thus no deduction		
Plaice 8 9 10		Wanted catch/ landings tac as no total catch advice thus no deduction		
Sole 8c d 9 10		No deduction <1%		Art 14.1. q = 1% the Gulf of Cadiz part of ICES subarea 9a.
Sole 7bc		No exemptions - No deduction		
Red Seabream SBR/9	119	-1.10%	118	<- FDI discard rate is 1.11% (un raised) all relevant metiers are exempt. Data not at correct level of aggregation
Anchovy 9 an 10		0 TAC		
Nephrops 8c		Sentinel TAC - No deduction		

2020 Deductions

TAC	COM Proposal pre-deduction	Deduction (rounded) %	New Proposed TAC
Plaice PLE/2A3AX4	136,572	-34.30%	89728
Plaice PLE/03AS	1607	-29.00%	1141
Plaice PLE/03AN	19,254	-13.50%	16655
Plaice PLE/07A.	3299	-15.42%	2790
Plaice PLE/7DE.	11529	-20.60%	9154
Plaice PLE/7FG.	2295	-12.71%	2003
Sole SOL/3ABC24	539	-1.15%	533
Sole 7D	2846	-1.73%	2797
Sole 7FG	1559	-2.02%	1528
Sole Bay of Biscay 8AB	3768	-2.71%	3666
Haddock HAD/7X7A34	11418	-4.90%	10859
Northern Hake HKE/8ABDE	42235	-1.65%	41538
Southern Hake HKE/8C3411	7406	-2.66%	7209
Megrims LEZ/07.	19093	-1.89%	18732
Megrims LEZ/8ABDE	1888	-4.98%	1794
Megrims LEZ/8C3411	2176	-4.00%	2089
Anglerfish ANF/8ABDE	9458	-4.76%	9008
Anglerfish ANF/8C3411	4196	-4.12%	4023
Horse Mackerel JAX/4BC7D	14014	-1.79%	13763
Horse Mackerel JAX08c	11474	-2.57%	11179
Horse Mackerel JAX2A-14	72480	-2.57%	70617
Whiting WHG/2AC4	15,942	-3.51%	15382
Whiting WHG/03A	1,630	-20.54%	1295
Whiting WHG/7X7A-C	11405	-4.75%	10863
Whiting WHG/08.	2276	-3.22%	2203
Turbot TB/2AC4-C	6819	-4.71%	6498

2019 Deductions

TAC	COM Proposal pre-deduction	Deduction %	New Proposed TAC
Plaice PLE/07A.	3503	-12.23%	3074.5831
Plaice PLE/7DE.	12508	-19.12%	10116.4704
Plaice PLE/7FG.	2160	-25.57%	1607.688
COD/03AS	494	-3.61%	476.1666
Sole SOL/24-C.	12801	-4.33%	12246.7167
Sole 7D	2571	-2.46%	2507.7534
Sole 7E	1272	-2.32%	1242.4896
Sole 7FG	864	-2.70%	840.672
Sole Bay of Biscay 8AB	3967	-2.39%	3872.1887
Haddock HAD/7X7A34	6317	-6.02%	5936.7166
Northern Hake HKE/8ABDE	53198	-2.03%	52118.0806
Southern Hake HKE/8C3411	8281	-3.84%	7963.0096
Megrims LEZ/8ABDE	1793	-4.99%	1703.5293
Megrims LEZ/8C3411	1970	-4.95%	1872.485
Anglerfish ANF/8ABDE	8787	-4.73%	8371.3749
Anglerfish ANF/8C3411	4215	-4.55%	4023.2175
Ling LIN/04-C.	3843	-2.72%	3738.4704
Horse Mackerel JAX/4BC7D	17517	-13.35%	15178.4805
Horse Mackerel JAX08c	19850	-5.00%	18857.5
Horse Mackerel JAX2A-14	125387	-5.00%	119117.65
Whiting WHG/7X7A-C	19742	-5.64%	18628
Cod COD/7XAD34	1374	-6.23%	1288

PLE/03AS - Kattegat (SD21)

		SD21 only 2019
catches	6319	748
ICES landings	4944	363
ICES discards	1375	385
discard rate	21.76%	51.47%

Deduct de minimis from total catch figure	Total catch		719	Comments
	Survival Article 6.1.a contribution to catches discard rate	0.00%	0.00%	Nets GNS-GTR-GTN-GEN
	Contr. to total dead discards dead discard deduction		0.00% 0.00	
	Survival Article 6.1.b contribution to catches discard rate	n/a	ldata missing	Dainish Seines
	Contr. to total dead discards dead discard deduction		0% 0.00	
	Survival Article 6.1.c.i contribution to catches discard rate		0.99% #N/A	Trawls ≥ 120mm Catch and by-catch of plaice by vessels using bottom trawls (OTB-PTB) of mesh sizes ≥ 120 mm in ICES areas 3a and 4
	Contr. to total dead discards dead discard deduction		#N/A #N/A	
	Survival Article Art.6.1.c.ii contribution to catches discard rate dead discards		ldata missing	Trawls with Seltra (New)
	Contr. to total dead discards dead discard deduction		0.00% 0.00	
	SUM dead discard deduction de minimis article 11.4		#N/A	
Contribution to catches deminimis		ldata missing	Northern Prawn combined de minimis	
Sum deduction in tonnes		51.47% 370.07		
Total deduction		370		
New catch TAC		349		
Quota deduction % relative to original EU quota		-51.47%		

Data missing for several gears

FDI extraction

Exemptions:								
Sub Region	Exemption Article	landings	discards	coverage	discards w fill-ins	coverage		raised discards
27.3.A.21	JR-xx.2020 Art.6.1.a	45.8047	3.241216571	0.000218318	20.65822	0.615044		33.53368
27.3.A.21	JR-xx.2020 Art.6.1.b	0.299	0	#N/A	#N/A	#N/A		
27.3.A.21	JR-xx.2020 Art.6.1.c.i	15.992	0.127354651	0.007441221	0.163355	0.99%		16.53397
27.3.A.21	JR-xx.2020 Art.6.1.c.ii	?	?	?	?	?		
27.3.A.21	JR-xx.2020 Art.11.4	0.0074	0	#N/A	#N/A	#N/A		
		62.1031						50.06766
		112.17						
		15%						
	JR-xx.2020 Art.6.1.b							
	JR-xx.2020 Art.11.4							
		landings			discards w fill-ins	coverage		raised discards
27.3.A.21		364.2879	395.564716	0.817631879	395.5647	0.905127		437.0266

3a Union waters of Sub divisions 22-24

ICES data	Sole SOL/3A/BC24	Relevant Articles:
	596	

Step 1	Deduct de minimis from ICES total catch figure	Initial proposed TAC	596	Comments
		<i>de minimis Art 11.1 Contribution</i>	3%	de minimis amount
			27.12%	Trammels and Gill nets
		<i>de minimis Art 11.3 Contribution</i>	4%	Nephrops trawls
			0.8%	
		<i>de minimis Art 11.4 Contribution</i>	5%	Northern Prawn trawls
		Contr. to total catches	0.8%	
		<i>de minimis deduction</i>	5.0	
		Total deduction	5	
		New catch TAC	591	
		TAC deduction % relative to ICES catch TAC	-0.84%	
		< 1% No deduction		

2020 FDI		proportion
Total landings	307.4479	
Total discards	12.4401201	
Total catches	319.8880201	
JR-xx.2020 Art.11.1 catches	86.74586068	27.12%
JR-xx.2020 Art.11.3 catches	2.497195439	0.78%
JR-xx.2020 Art.11.4 catches	0	0

Exemptions:				landings	discards w fill-ins	coverage	raised discards
Spp	Sub Region	Exemption Article					
SOL	27.3.A.20	JR-xx.2020 Art.11.1		33.1355	0	0.854597	0
SOL	27.3.A.21	JR-xx.2020 Art.11.1		49.4064	2.757271	0.655875	4.203961
		totals		82.5419			4.203961
SOL	27.3.A.20	JR-xx.2020 Art.11.3		0.8657	0.344208	1	0.344208
SOL	27.3.A.21	JR-xx.2020 Art.11.3		0.7973	0.489987	1	0.489987
		totals		1.663			0.834195
SOL	27.3.A.20	JR-xx.2020 Art.11.4		0	0	1	0
		totals					

0 <- reported as zero with 100% observer coverage

FDI Totals		landings		discards w fill-ins	coverage	raised discards
SOL	27.3.A.20	151.1372		0.540973	0.507527	1.065901
SOL	27.3.A.21	156.3107		10.03531	0.882286	11.37422
	totals	307.4479				12.44012

ICES data	Sole Bay of Biscay 8AB
ICES Total catch TAC	3483
ICES Wanted TAC	3399
ICES Unwanted	84

Step 1	Deduct de minimis from ICES total catch figure			Comments
		Initial Proposed TAC	3483	
		de minimis A Contribution (article 14.1.b)	5% 30%	de minimis amount Pelagic Trawls, Beam Trawls and Bottom Trawls contribution
		de minimis B Contribution (article 14.1.c)	3% 69%	de minimis amount trammel and gillnet contribution
		Contr. to total catches de minimis deduction	3.60% 125.2	
		Total deduction *	125	
		New catch TAC	3358	
		TAC deduction % relative to ICES catch TAC	-3.60%	

reported 2019 quota		proportion
2020 FDI		
Total landings	3400.81	
Total discards	278.41	
Total catches	3679.22	
14.1.b catches	1114.99	30.31%
landings	1030.45	69.33%
discards	84.54	
14.1.c catches	2550.92	
landings	2357.53	
discards	193.39	

	Overall landings reported to FDI for the species and Sub Regions, tonnes	Exemption Article	landings	discards w fill-ins	coverage		raised discards
27.8.A		DA XX/2020 Article 14.1.b	543.73	6.704	0.145589		46.04749713
27.8.A		DA XX/2020 Article 14.1.c	1237.853				104.8315018
27.8.A Total	1791.138		1781.583	6.704	0.044433		150.8789989
27.8.B		DA XX/2020 Article 14.1.b	486.72	19.321	0.501882		38.49709804
27.8.B		DA XX/2020 Article 14.1.c	1119.675				88.56064728
27.8.B Total	1609.674		1606.395	19.321	0.152065		127.0577453
	totals:		3387.978	26.025	0.095466		272.6098976

FDI Totals		landings	discards w fill-ins	coverage	raised discards
SOL	27.8.A	1791.138	6.704	0.044196	151.6882
SOL	27.8.B	1609.674	19.111	0.150815	126.7182
		3400.812			278.4064

ICES data	Southern Hake HKE/8C3411
Proposal	7825
ICES Total catch TAC	
ICES Wanted TAC	
ICES Unwanted	

Relevant Articles:

Step 1	Deduct <i>de minimis</i> from ICES total catch figure			Comments
		Initial Proposed TAC	7825	
		<i>de minimis</i> Art.14.1.a	5%	<i>de minimis</i> amount
		Contribution	47.54%	Trawls and seines
		Contr. to total catches	2.38%	
		<i>de minimis</i> deduction	186.0	
		Total deduction	186	
		New catch TAC	7639	
		TAC deduction % relative to ICES catch TAC	-2.38%	

reported 2019 quota		proportion
2020 FDI		
Total landings	9504.54	
Total discards	2809.30	
Total catches	12313.85	
14.1.a catches	5854.39	47.54%
landings	4822.18	
discards	1032.21	
	5854.39	

Exemptions:						
Sub Region	Overall landings reported to FDI for the species and Sub Regions, tonnes	Exemption Article	landings	discards w fill-ins	coverage	raised discards
27.8.C		DA XX/2020 Article 14.1.a	2542.505	367.679	0.962136	382.1488
27.9.A		DA XX/2020 Article 14.1.a	2279.555	611.785	0.941121	650.0596
27.9.B		DA XX/2020 Article 14.1.a	0.118	#N/A	#N/A	
		Totals	4822.178			1032.208

FDI Totals:						
Sub Region			landings	discards w fill-ins	coverage	raised discards
27.10.A			0.063	n.a.	n.a.	
27.10.B			0.285	n.a.	n.a.	
27.8.C			5607.315	641.292	0.592896	1081.627
27.9.A			3833.596	1098.977	0.636101	1727.676
27.9.B			0.119	n.a.	n.a.	
34.1.1			2.545	n.a.	n.a.	
34.1.2			60.6194	n.a.	n.a.	
		Totals	9504.5424			2809.304

ICES data	Mergrims LEZ/8C3411
Initial Proposed TAC	2158

Relevant Articles:

Step 1	Deduct de minimis from ICES total catch figure	Initial Proposed TAC	2158	Comments
	<i>de minimis 14.1.i Contribution</i>		5% 78.9%	de minimis amount beam trawl, bottom trawls and seines
	<i>de minimis 14.1.j Contribution</i>		4% 1.4%	de minimis amount gillnets and trammels
	Contr. to total catches		4.00%	
	de minimis deduction		86.3	
				<-Same as Last year due to incomplete data on discards and no published ICES data on contribution by Gear
	Total deduction		86	
	New catch TAC		2072	
	TAC deduction % relative to ICES catch TAC		-4.00%	

516

Exemptions:								
Sub Region	Exemption Article		landings	discards w fill-ins	coverage		raised discards	
LDB	27.8.C	DA XX/2020 Article 14.1.i	0.063	137.486	0			
LDB	27.8.C	DA XX/2020 Article 14.1.j	0.408	0.008	0.22549		0.035478	
LEZ	27.8.C	DA XX/2020 Article 14.1.i	630.822	#N/A	#N/A			
LEZ	27.8.C	DA XX/2020 Article 14.1.j	8.955	#N/A	#N/A			
MEG	27.8.C	DA XX/2020 Article 14.1.i	3.234	35.281	0.834879		42.2588	
MEG	27.8.C	DA XX/2020 Article 14.1.j	0.035	#N/A	#N/A		#N/A	
			643.517				42.29428	

FDI Totals				landings	discards w fill-ins	coverage		raised discards
LDB	27.8.C			0.474	137.494	0.194093		708.393
LDB	27.9.A			38.486	63.512	0		63.512
LEZ	27.8.C			641.022	n.a.	n.a.		
LEZ	27.9.A			262.269	n.a.	n.a.		
LEZ	34.1.1			0.042	n.a.	n.a.		
LEZ	34.1.2			0.046	n.a.	n.a.		
MEG	27.10.A			0.058	0	0.206897		0
MEG	27.8.C			3.298	36.191	0.827168		43.7529
MEG	27.9.A			39.054	15.816	0		15.816
			Totals	984.749				831.4739

ICES data	Anglerfish ANF/BC3411
Initial Proposed TAC	3672

Relevant Articles:

Step 1	Deduct de minimis from ICES total catch figure	Initial Proposed TAC	3672	Comments
	<i>de minimis 14.1.k Contribution</i>		5%	de minimis amount Pelagic (added) trawls, beam trawl, bottom trawls and seines
	<i>de minimis 14.1.l Contribution</i>		4%	de minimis amount gillnets
	Contr. to total catches de minimis deduction		4.12% 151.3	
	Total deduction		151	<-Same as Last year due to incomplete data on discards and no published ICES data on contribution by Gear
	New catch TAC		3521	
	TAC deduction % relative to ICES catch TAC		-4.12%	

2020 deduction -4.12%

proportion

2020 FDI		
Total landings	1630.19	
Total unraised discards	297.65	
Total catches	1927.84	
14.1.k catches	737.68	38.26%
14.1.l catches	1148.89	59.59%

Exemptions:

		Sub Region	Exemption Article	landings	discards w fill-ins	coverage	raised discards
SWW	MON	27.8.C	DA XX/2020 Article 14.1.K	15.323	0.552	0.1372447	4.022014
SWW	MON	27.9.A	DA XX/2020 Article 14.1.K	70.841	1.611	0.3019156	5.335929
SWW	ANF	27.8.C	DA XX/2020 Article 14.1.K	332.106	#N/A	#N/A	
SWW	ANF	27.9.A	DA XX/2020 Article 14.1.K	166.042	#N/A	#N/A	
SWW	ANF	27.9.B	DA XX/2020 Article 14.1.K	0.006	#N/A	#N/A	
SWW	ANK	27.8.C	DA XX/2020 Article 14.1.K	2.522	0.212	0.4056305	0.522643
SWW	ANK	27.9.A	DA XX/2020 Article 14.1.K	105.267	7.99	0.5445866	14.67168
SWW	MNZ	27.8.C	DA XX/2020 Article 14.1.K	1.582	#N/A	#N/A	
SWW	MNZ	27.9.A	DA XX/2020 Article 14.1.K	33.622	#N/A	#N/A	
			totals	727.311	10.365		24.55227
SWW	MON	27.8.C	DA XX/2020 Article 14.1.L	192.981	39.814	0.5237148	76.0223
SWW	MON	27.9.A	DA XX/2020 Article 14.1.L	196.32	9.268	0.1553739	59.64967
SWW	ANF	27.8.C	DA XX/2020 Article 14.1.L	320.73	#N/A	#N/A	
SWW	ANF	27.9.A	DA XX/2020 Article 14.1.L	9.028	#N/A	#N/A	
SWW	ANG	27.8.C	DA XX/2020 Article 14.1.L	0.068	#N/A	#N/A	
SWW	ANK	27.8.C	DA XX/2020 Article 14.1.L	5.005	189.164	0.6771229	279.3644
SWW	ANK	27.9.A	DA XX/2020 Article 14.1.L	91.738	48.408	0.0361137	48.408
SWW	MNZ	27.8.C	DA XX/2020 Article 14.1.L	30.202	#N/A	#N/A	
SWW	MNZ	27.9.A	DA XX/2020 Article 14.1.L	16.167	#N/A	#N/A	
			totals	862.239	286.654		463.4443

ICES data	Horse Mackerel JAX09	Relevant Articles:
Initial proposed TAC	128627	

Step 1	Deduct de minimis from ICES total catch figure	Initial proposed TAC	128627	Comments	
		<i>de minimis 14.1.e</i>	5%		de minimis amount
		<i>Contribution</i>	43%		beam trawl, bottom trawls and seines
		<i>de minimis 14.1.f</i>	3%		de minimis amount
		<i>Contribution</i>	2%		Gill nets
		<i>de minimis 14.1.u</i>	4%		de minimis amount
		<i>Contribution</i>	53%		Purse Seines
		<i>Contr. to total catches</i>	4.34%		
		<i>de minimis deduction</i>	5582.2		
			Total deduction		5582
	New catch TAC	123045			
	TAC deduction % relative to ICES catch TAC	-4.34%			

New deduction this year

FDI Totals (unraised)	<-data incomplete, normally revert to ICES, but not possible here and new deduction this year	
landings	34198.507	
discards	7462.21	
catches	41660.717	
14.1.e catches	17857.194	42.86%
14.1.f catches	995.303	2.39%
14.1.u catches	22132.425	53.13%

Exemptions:

	Sub Region	Exemption Article	landings	discards	coverage	discards w fill-ins	coverage	raised discards
HMM	27.9.A	DA XX/2020 Article 14.1.e	145.297	9.553	0.4770229	9.553	0.91505	10.43987
HOM	27.9.A	DA XX/2020 Article 14.1.e	8400.568	310.229	0.0003109	7434.588	0.374594	19847.08
JAX	27.9.A	DA XX/2020 Article 14.1.e	1867.188	0	#N/A	#N/A	#N/A	
		totals	10413.053			7444.141		
HMM	27.9.A	DA XX/2020 Article 14.1.f	9.256	0	#N/A	#N/A	#N/A	
HOM	27.9.A	DA XX/2020 Article 14.1.f	940.994	0.017	0.0006823	2.56	0.150021	17.06426
JAX	27.9.A	DA XX/2020 Article 14.1.f	42.493	0	#N/A	#N/A	#N/A	
		totals	992.743			2.56		
HMM	27.9.A	DA XX/2020 Article 14.1.u	248.757	1.891	0.3043814	1.919	0.816427	2.350485
HOM	27.9.A	DA XX/2020 Article 14.1.u	16446.117	8.118	0.3952538	13.239	0.578389	22.88945
HOM	27.9.B	DA XX/2020 Article 14.1.u	11.034	0	#N/A	#N/A	#N/A	
JAX	27.9.A	DA XX/2020 Article 14.1.u	5411.359	0	#N/A	#N/A	#N/A	
		totals	22117.267			15.158		

			landings	discard	coverage	discards w fill-ins	coverage	raised discards
HMM	27.9.A		408.273	11.472	0.8159099	11.472	0.823091	13.9377
HOM	27.9.A		26447.666	7450.738	0.2899181	7450.738	0.486552	15313.34
HOM	27.9.B		11.074	n.a.	n.a.	n.a.	n.a.	
JAX	27.9.A		7331.494	n.a.	n.a.	n.a.	n.a.	
			34198.507	7462.21		7462.21		

ICES data	Red Seabream 9
	119

Step 1	Deduct <i>de minimis</i> from ICES total catch figure			Comments
	Initial Proposed TAC		119	
	<i>de minimis</i> A Contribution		0%	STECF unable to Calculate
	<i>de minimis</i> B Contribution		0%	STECF unable to Calculate
	Contr. to total catches		1.10%	<- Deduction using FDI discard rate
	<i>de minimis</i> deduction		1.3	
	Total deduction *		1	
	New catch TAC		118	
	TAC deduction % relative to ICES catch TAC		-1.10%	

reported 2019 quota		proportion
2020 FDI		
Total landings	52.33	
Total discards	0.58	1.10%
Total catches	52.91	

FDI Totals		landings	discards reported	coverage	discards w fill-ins	coverage	raised discards
SBR	27.9.A	52.226	0.581		0	0.581	0
SBR	27.9.B	0.105	n.a.	n.a.	n.a.	n.a.	#DIV/0!
	Totals	52.331	0.581				