



JRC SCIENCE FOR POLICY REPORT

Scientific, Technical and Economic Committee for Fisheries (STECF)

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Data and information requested
by the Commission to support the
preparation of proposals for
fishing opportunities in 2018
(STECF-17-13)

Edited by Steven Holmes

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Abstract

Commission Decision of 25 February 2016 setting up a Scientific, Technical and Economic Committee for Fisheries, C(2016) 1084, OJ C 74, 26.2.2016, p. 4–10. The Commission may consult the group on any matter relating to marine and fisheries biology, fishing gear technology, fisheries economics, fisheries governance, ecosystem effects of fisheries, aquaculture or similar disciplines. The Commission is proposing so-called quota "top ups" for fisheries under the landing obligation and requested advice from the Scientific, Technical and Economic Committee for Fisheries (STECF) on this topic. The STECF issued its advice by written procedure in August 2017.

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SCIENTIFIC, TECHNICAL AND ECONOMIC COMMITTEE FOR FISHERIES (STECF) - Data and information requested by the Commission to support the preparation of proposals for fishing opportunities in 2018 (STECF-17-13).

Introduction

Member States regional groups have identified fleet segments which in 2018 will be subject to the landing obligation as well as specific conditions under which a limited amount of discards may continue¹. These fleet segments have been defined on the basis of catches of targeted species by certain fleets operating in different areas. The CFP allows for TAC adjustments to be made for those stocks under the landing obligation, recognising that fish that otherwise would have been discarded are now to be landed. These adjustments are to be made on the basis of the contribution by the fleets under the landing obligation to total catches and discards of the concerned stocks. Such contributions are determined using the STECF Fisheries Dependant Information (FDI) database.

Request to the STECF

Analyse the Joint Recommendations for 2018 regional discard plans and update the tables 5.1.1 - 5.1.5 and 5.1.7 - 5.1.8 contained in the STECF plenary report (PLEN-16-03) using FDI data from 2015 and 2016 and taking into account any additional fleets and/or stocks and any revisions to thresholds.

STECF observations

STECF notes that updates to tables 5.1.4, 5.1.5, 5.1.7 and 5.1.8 are contingent on data received from Member States to determine whether vessels are subject to the landing obligation or not. This data is not yet available, (anticipated to be available later in 2017). This report therefore focuses on

- Tables presenting an overview of the discard plans for 2017 and 2018 (update of table 5.1.1 from PLEN-16-03).
- Tables giving the proportion of landings and discards by fleet and fishery subject to the landings obligation using the FDI data (update of table 5.1.2 from PLEN-16-03).
- Tables giving the landings and discards in tonnes and discard rate by fleet and fishery subject to the landings obligation using the FDI data (update of table 5.1.3 from PLEN-16-03).

1. Discard plans for 2017 and 2018

The discards plans for 2018 are an extension of the discard plans for 2016 and 2017 whereby more fisheries will be affected by the landing obligation. An overview of the discard plans for 2017 and

¹ Member States' Joint Recommendations.

2018 are given in tables 1.1 to 1.3. Text in red highlights additions and changes in 2018 compared to previous years.

Table 1.1 Comparison of the **North Western Waters** Joint Recommendations for the Landing Obligation in 2017 and 2018. Text in red highlights changes. Yellow highlight indicates relevant text is specified elsewhere.

		2017			2018		
Fisheries	ICES area	Gear	Mesh	Text in Joint Recommendation	Gear	Mesh	Text in Joint Recommendation
Gadoids	5b & 6a	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	All	Where total landings per vessel of all species in 2014 and 2015 consist of more than 5% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to haddock and by-catch of sole, plaice and megrims .	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	All	Where total landings per vessel of all species in 2015 and 2016 consist of more than 5% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to haddock and by-catch of sole, plaice and megrims .
Nephrops	5b & 6a	Trawls, Seines, Pots, Traps & Creels: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT, PT, TX, FPO, FIX	All	Where the total landings per vessel of all species in 2014 and 2015 consist of more than 20% of Norway lobster , the landing obligation shall apply to Norway lobster and by-catch of haddock .	Trawls, Seines, Pots, Traps & Creels: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT, PT, TX, FPO, FIX	All	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 20% of Norway lobster , the landing obligation shall apply to Norway lobster and by-catch of haddock, sole, plaice and megrim .
Saithe	5b & 6 & 7				Trawls : OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	≥100	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 50% of saithe, the landing obligation shall apply.
Black scabbardfish	5b & 6				Trawls & Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	≥100 mm	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 20% of black scabbardfish, the landing obligation shall apply to black scabbardfish.
Blue ling	5b & 6				Trawls & Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	≥100 mm	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 20% of blue ling, the landing obligation shall apply to blue ling.
Grenadiers	5b & 6				Trawls & Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	≥100 mm	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 20% of grenadiers, the landing obligation shall apply to grenadiers.

Table 1.1 (cont) Comparison of the **North Western Waters** Joint Recommendations for the Landing Obligation in 2017 and 2018. Text in red highlights changes. Yellow highlight indicates relevant text is specified elsewhere.

		2017			2018		
Fisheries	ICES area	Gear	Mesh	Text in Joint Recommendation	Gear	Mesh	Text in Joint Recommendation
Hake	6, 7 & 5b	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	All	Where the total landings per vessel of all species in 2014 and 2015 consist of more than 20% of hake, the landing obligation shall apply to hake .	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	All	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 10% of hake, the landing obligation shall apply to hake .
Hake	6, 7 & 5b	All gillnets: GNS, GN, GND, GNC, GTN, GTR, GEN	All	All catches of hake shall be subject to the landing obligation.	All gillnets: GNS, GN, GND, GNC, GTN, GTR, GEN	All	All catches of hake shall be subject to the landing obligation.
Hake	6, 7 & 5b	Longlines: LL, LLS, LLD, LX, LTL, LHP, LHM	All	All catches of hake shall be subject to the LO	Longlines: LL, LLS, LLD, LX, LTL, LHP, LHM	All	All catches of hake shall be subject to the LO
Megrim	6, 7 & 5b	Trawls & Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	<100 mm	Where the total landings per vessel of all species in 2014 and 2015 consist of more than 20% of megrims, the landing obligation shall apply to megrims .			Already included under gadoids for area 6a and 5b
Nephrops	7	Trawls, Seines, Pots, Traps & Creels: OTB, SSC, OTT, PTB, SDN, SPR, FPO, TBN, TB, TBS, OTM, PTM, SX, SV, FIX, OT, PT, TX	All	Where the total landings per vessel of all species in 2014 and 2015 consist of more than 20% of Norway lobster, the landing obligation shall apply to Norway lobster .	Trawls, Seines, Pots, Traps & Creels: OTB, SSC, OTT, PTB, SDN, SPR, FPO, TBN, TB, TBS, OTM, PTM, SX, SV, FIX, OT, PT, TX	All	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 10% of Norway lobster, the landing obligation shall apply to Norway lobster.
Gadoids	7a	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	All	Where total landings per vessel of all species in 2014 and 2015 consist of more than 10% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to haddock .	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	All	Where total landings per vessel of all species in 2015 and 2016 consist of more than 10% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to haddock .

Table 1.1 (cont) Comparison of the **North Western Waters** Joint Recommendations for the Landing Obligation in 2017 and 2018. Text in red highlights changes. Yellow highlight indicates relevant text is specified elsewhere.

		2017			2018		
Fisheries	ICES area	Gear	Mesh	Text in Joint Recommendation	Gear	Mesh	Text in Joint Recommendation
Sole	7d	All beam trawls (TBB)	All	All catches of common sole are subject to the LO	All beam trawls (TBB)	All	All catches of common sole are subject to the LO
Sole	7d	Trawls: OTT, OTB, TBS, TBN, TB, PTB, OT, PT, TX	<100 mm	Where the total landings per vessel of all species in 2014 and 2015 consist of more than 5% of sole, the landing obligation shall apply to sole .	Trawls: OTT, OTB, TBS, TBN, TB, PTB, OT, PT, TX	<100 mm	All catches of common sole shall be subject to the landing obligation
Sole	7d	All gillnets: GNS, GN, GND, GNC, GTN	All	All catches of common sole are subject to LO	All trammel and gillnets: GNS, GN, GND, GNC, GTN, GTR, GEN	All	All catches of common sole shall be subject to the landing obligation
Gadoids	7d	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	All	Where the total landings per vessel of all species in 2014 and 2015 consist of more than 20% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to whiting .	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	All	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 10% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to whiting.
Sole	7e	All beam trawls (TBB)	All	Where the total landings per vessel of all species in 2014 and 2015 consist of more than 5% of sole, the landing obligation shall apply to sole .	All beam trawls (TBB)	All	All catches of common sole shall be subject to the landing obligation
Sole	7e	All trammel nets and gillnets: GNS, GN, GND, GNC, GTN, GTR, GEN	All	All catches of sole shall be subject to the landing obligation.	All trammel nets and gillnets: GNS, GN, GND, GNC, GTN, GTR, GEN	All	All catches of sole shall be subject to the landing obligation.
Pollack	7d, 7e	All trammel nets and gillnets: GNS, GN, GND, GNC, GTN, GTR, GEN	All	All catches of pollack shall be subject to the landing obligation.	All trammel nets and gillnets: GNS, GN, GND, GNC, GTN, GTR, GEN	All	All catches of pollack shall be subject to the landing obligation.
Sole	7b,c,f-k	All beam trawls (TBB)	All	Where the total landings per vessel of all species in 2014 and 2015 consist of more than 5% of common sole, the landing obligation shall apply to sole .	All beam trawls (TBB)	All	All catches of common sole shall be subject to the landing obligation
Sole	7b,c,f-k	All trammel nets and gillnets: GNS, GN, GND, GNC, GTN, GTR, GEN	All	All catches of sole shall be subject to the landing obligation.	All trammel nets and gillnets: GNS, GN, GND, GNC, GTN, GTR, GEN	All	All catches of sole shall be subject to the landing obligation.
Gadoids	7b,c,f-k	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	All	Where the total landings per vessel of all species in 2014 and 2015 consist of more than 20% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to whiting .	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	All	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 10% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to whiting.

Table 1.2 Comparison of the **North Sea** Joint Recommendations for the Landing Obligation in 2017 and 2018. Text in red highlights changes.

Fisheries	ICES area	2017			2018		
		Gear	Mesh	Text in Joint Recommendation	Gear	Mesh	Text in Joint Recommendation
Mixed demersal trawl fisheries	3a, 4, 2a EU	Trawls: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	>= 100mm	All catches of plaice, haddock, whiting, cod** , Northern prawn, sole and Nephrops to be landed.	Trawls: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	>= 100mm	All catches of saithe , plaice, haddock, whiting, cod , Northern prawn, sole and Nephrops to be landed.
Fisheries for saithe	3a, 4, 2a EU	Trawls: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	>= 100mm	All catches of saithe to be landed for vessels that have had annual average landings of saithe of >= 50% over 2013-2015			
80 mm trawl fisheries	3a, 4, 2a EU			In place 2016 - replaced in 2017			
70 mm trawl fisheries in 3a	3a			In place 2016 - replaced in 2017			
70/80 mm trawl fisheries	3a, 4, 2a EU	Trawls: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	70-99mm	All catches of Nephrops, haddock, sole and Northern prawn to be landed.	Trawls: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	70-99mm	All catches of Nephrops, haddock, sole, Northern prawn, whiting and cod¹ to be landed.
Smaller meshed trawl fisheries	3a, 4, 2a EU	Trawls: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	32-69mm	All catches of Northern Prawn, Nephrops, sole, haddock and whiting to be landed.	Trawls: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	32-69mm	All catches of Northern Prawn, Nephrops, sole, haddock, whiting, plaice, saithe and cod to be landed.
120 mm beamtrawl fisheries	3a, 4, 2a EU	Beam trawls: TBB	>= 120mm	All catches of plaice, Northern prawn, Nephrops, sole, cod** , haddock and whiting to be landed.	Beam trawls: TBB	>= 120mm	All catches of plaice, Northern prawn, Nephrops, sole, cod , haddock, whiting and saithe to be landed.
80 mm beamtrawl fisheries	3a, 4, 2a EU	Beam trawls: TBB	80-119mm	All catches of sole, Northern prawn, Nephrops and haddock to be landed.	Beam trawls: TBB	80-119mm	All catches of sole, Northern prawn, Nephrops, haddock, saithe, cod and whiting to be landed.
Gillnet fisheries	3a, 4, 2a EU	All gillnets and trammelnets: GN, GNS, GND, GNC, GTN, GTR, GEN, GNF	All	All catches of sole, Northern prawn, Nephrops, haddock, whiting and cod** to be landed.	All gillnets and trammelnets: GN, GNS, GND, GNC, GTN, GTR, GEN, GNF	All	All catches of sole, Northern prawn, Nephrops, haddock, whiting, cod¹ and saithe to be landed.
Hook and line fisheries	3a, 4, 2a EU	Hooks and lines: LLS, LLD, LL, LTL, LX, LHP, LHM	All	All catches of hake, Northern prawn, Nephrops, sole, haddock, whiting and cod** to be landed.	Hooks and lines: LLS, LLD, LL, LTL, LX, LHP, LHM	All	All catches of hake, Northern prawn, Nephrops, sole, haddock, whiting, cod, plaice and saithe to be landed.
Trap fisheries	3a, 4, 2a EU	Traps: FPO, FIX, FYK, FPN	All	All catches of Nephrops, Northern prawn, sole, haddock and whiting to be landed.	Traps: FPO, FIX, FYK, FPN	All	All catches of Nephrops, Northern prawn, sole, haddock, plaice, saithe , whiting and cod to be landed.

** The obligation to land catches of cod shall only apply once Regulation (EC) No 1342/2008 is repealed or once that Regulation is amended with a repeal of Chapter III thereof and clarification that the Regulation is without prejudice to article 16(2) of Regulation (EC) No 1380/2013. As a further condition, the landing obligation shall only be introduced in accordance with Table A if the quota adjustment following Art. 16(2) in Regulation (EC) No. 1380/2013, is based on the discard rates for the management areas separately and according to relative stability.

¹ with the exemption of cod in the kattegat

Table 1.3 Comparison of the **South Western Waters** Joint Recommendations for the Landing Obligation in 2017 and 2018. Text in red highlights changes.

Fishery	Area	2017			2018		
		Gear	Mesh size	Text in Joint Recommendation	Gear	Mesh size	Text in Joint Recommendation
Sole	8a, b, d and e	All bottom trawls: OTB, OTT, PTB, TBN, TBS, TB, OT, PT, TX	70-100mm	All catches of Sole are subject to the LO			
		All beam trawls: TBB	70-100mm				
		All trammel and gill nets: GNS, GN, GND, GNC, GTN, GTR, GEN	>=100m				
Hake	8a, b, d and e	All bottom trawls and seines: OTT, OTB, PTB, SDN, OT, PT, TBN, TBS, TX, SSC, SPR, TB, SX, SV	>=100	All catches of hake are subject to the LO			
		All longlines : LL, LLS	All				
		All gill nets: GNS, GN, GND, GNC, GTN, GEN	>=100m				
Anglerfish	8a, b, d and e	All gill nets: GNS, GN, GND, GNC, GTN, GEN	>=200m	All catches of Anglerfish are subject to the landing obligation.	All gill nets: GNS, GN, GND, GNC, GTN, GEN	>=170mm	All catches of Anglerfish are subject to the landing obligation.
Nephrops	8a, b, d and e	All bottom trawls: OTB, OTT, PTB, TBN, TBS, TB, OT, PT, TX	>=70	All catches of Norway lobster are subject to the LO			
Anglerfish	8c, 9a	All gill nets: GNS, GN, GND, GNC, GTN, GEN	>=200m	All catches of Anglerfish are subject to the landing obligation.	All gill nets: GNS, GN, GND, GNC, GTN, GEN	>=170mm	All catches of Anglerfish are subject to the landing obligation.
Nephrops	8c, 9a (inside functional units)	All bottom trawls: OTB, OTT, PTB, TBN, TBS, TB, OT, PT, TX, TB	>=70	All catches of Norway lobster are subject to the LO			

Table 1.3 (cont) Comparison of the **South Western Waters** Joint Recommendations for the Landing Obligation in 2017 and 2018. Text in red highlights changes.

Fishery	Area	2017			2018		
		Gear	Mesh size	Text in Joint Recommendation	Gear	Mesh size	Text in Joint Recommendation
Hake	8c, 9a	All bottom trawls: OTT, OTB, PTB, OT, PT, TBN, TBS, TX, SSC, SPR, TB, SDN, SX, SV	>=70mm	All catches of Hake are subject to the landing obligation for vessels that fulfil the following cumulative criteria: 1. Use mesh size larger or equal to 70 mm, 2. Total hake landings in the period 2014/2015 consist of: more than 5% of all landed species and more than 5 metric tons.			
		All gill nets: GNS, GN, GND, GNC, GTN, GEN	80-99	All catches of Hake are subject to the landing obligation.			
		All longlines (LL, LLS)	Hook size > 3.85+/-1.15 length and 1.6 +/- 0.4	All catches of Hake are subject to the landing obligation.			
Sole	9a			In place 2016. Replaced in 2017			
Sole and plaice	9a	All Trammel nets & Gillnets: GNS, GN, GND, GNC, GTN, GTR, GEN	>=100	All catches of Sole and plaice are subject to the landing obligation.			
Blue Whiting	8c, 9a				All bottom trawls and seines: OTT, OTB, PTB, OT, PT, TBN, TBS, TX, SSC, SPR, TB, SDN, SX, SV	All	All catches of Blue whiting subject to the landings obligation.
Black Scabbardfish	8.c, 9, 10; CECAF 34.1.2				Deepwater set-longlines: LLS_DWS		All catches of Black Scabbardfish are subject to the landing obligation for vessels which fulfil the following criterion: total black scabbardfish landings in the period 2014/2015 consist of more than 20% of all landed species.
Red Seabream	9				Deepwater set-longlines: LLS_DWS	Hook size bigger than 3,95cm length and 1,65cm width;	All catches of Red Seabream are subject to the landing obligation for vessels which fulfill the following criterion: total Red Seabream landings in the period 2014/2015 consist of more than 20% of all landed species.

2. Proportions of landings and discards by fleet and fishery subject to LO

Tables 2.1 to 2.3 give the proportion of landings and discards by fleet and fishery subject to the landings obligation using the FDI data. Cells highlighted in blue indicate species and/or areas and/or gears brought under the landings obligation in 2018. Text in red highlights more detailed changes.

Table 2.1 North Western Waters: The contribution (%) of each fleet segment identified under the Member States' joint recommendations to total catches and discards of the species-area combination.

Fisheries	Gear	Mesh Size	LO	ICES area	STECF Annex I Area	Gear	2013			2014			2015			2016			Mean contribution (13-14)			Mean contribution (14-15)			Mean contribution (15-16)				
							Landings	Discards	Catch	Landings	Discards	Catch	Landings	Discards	Catch	Landings	Discards	Catch	Landings	Discards	Catch	Landings	Discards	Catch	Landings	Discards	Catch	Landings	Discards
Gadoids (haddock)	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SK, SV, OT, PT, TX	All	Where total landings per vessel of all species in 2015 and 2016 consist of more than 5% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to haddock and by-catch of sole, plaice and megrim.	Vb and VIa	IIa, 3D (VIa+Vb)	TR1	96.5%	17.0%	82.4%	95.9%	23.6%	83.1%	97.6%	15.8%	75.2%	93.4%	10.3%	58.2%	96.2%	20.7%	82.7%	96.8%	19.7%	79.1%	95.5%	13.0%	66.7%		
						TR2	3.4%	82.1%	17.6%	2.4%	76.4%	15.5%	2.0%	84.2%	24.5%	5.5%	89.7%	41.2%	2.9%	79.3%	16.5%	2.2%	80.3%	20.0%	3.8%	87.0%	32.8%		
						TR3	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						OTter	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	
						DEM_SEINE	No STECF data	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						Overall trawls	99.9%	100.0%	100.0%	98.4%	100.0%	98.7%	99.6%	100.0%	99.7%	98.9%	100.0%	99.4%	99.2%	100.0%	99.3%	99.0%	100.0%	99.2%	99.3%	100.0%	99.2%	99.3%	100.0%
Gadoids (plaice)	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SK, SV, OT, PT, TX	All	Where total landings per vessel of all species in 2015 and 2016 consist of more than 5% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to haddock and by-catch of sole, plaice and megrim.	Vb and VIa	IIa, 3D (VIa+Vb)	TR1	89.1%	7.2%	25.0%	81.4%	17.6%	31.5%	91.3%	15.4%	29.1%	95.4%	23.7%	48.7%	85.3%	12.4%	28.3%	86.3%	16.5%	30.3%	93.3%	19.6%	38.9%		
						TR2	10.0%	92.8%	74.8%	11.1%	82.4%	66.9%	7.7%	84.6%	70.7%	3.9%	76.3%	51.0%	10.6%	87.6%	70.8%	9.4%	83.5%	68.8%	5.8%	80.4%	60.9%		
						TR3	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
						OTter	No STECF data	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
						DEM_SEINE	No STECF data	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
						Overall trawls	99.1%	100.0%	99.8%	92.5%	100.0%	98.4%	99.0%	100.0%	99.8%	99.3%	100.0%	99.8%	95.8%	100.0%	99.1%	95.8%	100.0%	99.1%	95.8%	100.0%	99.1%	99.1%	100.0%
Gadoids (sole)	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SK, SV, OT, PT, TX	All	Where total landings per vessel of all species in 2015 and 2016 consist of more than 5% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to haddock and by-catch of sole, plaice and megrim.	Vb and VIa	IIa, 3D (VIa+Vb)	TR1	88.3%	100.0%	88.4%	55.2%	0.0%	47.3%	87.6%	8.9%	60.1%	96.1%	0.0%	92.7%	71.7%	50.0%	67.8%	71.4%	4.5%	53.7%	91.8%	4.5%	76.4%		
						TR2	9.1%	0.0%	9.1%	40.8%	100.0%	49.3%	8.6%	91.1%	37.4%	3.6%	100.0%	7.0%	25.0%	50.0%	29.2%	24.7%	95.5%	43.3%	6.1%	95.5%	22.2%		
						TR3	0.5%	0.0%	0.5%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
						OTter	No STECF data	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
						DEM_SEINE	No STECF data	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
						Overall trawls	98.0%	100.0%	98.0%	96.0%	100.0%	96.6%	96.2%	100.0%	97.5%	99.7%	100.0%	99.7%	97.0%	100.0%	97.3%	96.1%	100.0%	97.0%	97.3%	96.1%	100.0%	97.0%	97.9%
Gadoids (megrim)	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SK, SV, OT, PT, TX	All	Where total landings per vessel of all species in 2015 and 2016 consist of more than 5% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to haddock and by-catch of sole, plaice and megrim.	Vb and VIa	IIa, 3D (VIa+Vb)	TR1	96.9%	99.6%	97.5%	94.2%	96.7%	94.4%	98.0%	62.7%	95.5%	98.4%	41.7%	95.5%	95.5%	98.1%	95.9%	96.1%	79.7%	95.0%	98.2%	52.2%	95.5%		
						TR2	1.3%	0.4%	1.3%	5.4%	3.3%	5.3%	2.0%	37.3%	4.4%	1.6%	58.3%	4.5%	3.3%	1.9%	3.2%	3.7%	20.3%	4.8%	1.8%	47.8%	4.5%		
						TR3	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
						OTter	1.0%	0.0%	0.8%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
						DEM_SEINE	No STECF data	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
						Overall trawls	99.2%	100.0%	99.4%	99.6%	100.0%	99.6%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.4%	100.0%	99.5%	99.8%	100.0%	99.8%	100.0%	99.8%	100.0%	100.0%
Nephrops	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SK, SV, OT, PT, TX, FFO, FIX	All	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 20% of Norway lobster, the landing obligation shall apply to Norway lobster and by-catch of haddock, sole, plaice and megrim.	Vb and VIa	IIa, 3D (VIa+Vb)	POTS	12.2%	-	12.2%	11.2%	0.0%	10.6%	11.5%	0.0%	10.9%	11.2%	-	11.2%	11.7%	0.0%	11.4%	11.3%	0.0%	10.8%	11.3%	0.0%	11.1%		
						TR1	8.1%	-	8.1%	8.3%	0.0%	7.8%	11.5%	17.3%	11.8%	11.8%	-	11.8%	8.2%	0.0%	8.0%	9.9%	8.6%	9.8%	11.7%	17.3%	11.8%		
						TR2	79.5%	-	79.5%	80.5%	100.0%	81.5%	77.0%	82.7%	77.2%	76.4%	-	76.4%	80.0%	100.0%	80.5%	78.7%	91.4%	79.4%	76.7%	82.7%	76.8%		
						OTter	No STECF data	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
						DEM_SEINE	No STECF data	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
						Overall trawls, seines and pots	99.9%	-	99.9%	99.9%	100.0%	99.9%	99.9%	100.0%	99.9%	99.9%	100.0%	99.9%	99.9%	-	99.9%	99.9%	100.0%	99.9%	99.9%	100.0%	99.9%	99.9%	100.0%
Saithe	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SK, SV, OT, PT, TX	≥100	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 50% of saithe, the landing obligation shall apply.	Vb and VI	IIa, 3D (VIa+Vb)	TR1	93.5%	99.8%	94.5%	91.4%	99.6%	92.0%	99.7%	86.5%	99.3%	99.6%	93.9%	99.4%	92.4%	99.7%	93.2%	95.6%	93.0%	95.6%	99.7%	90.2%	99.3%		
						Overall trawls	99.9%	-	99.9%	99.9%	100.0%	99.9%	99.9%	100.0%	99.9%	99.9%	-	99.9%	99.9%	100.0%	99.9%	99.9%	100.0%	99.9%	99.9%	100.0%	99.9%	99.9%	
Black scabbardfish	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SK, SV, OT, PT, TX	≥100 mm	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 20% of black scabbardfish, the landing obligation shall apply to black scabbardfish.	Vb and VI	IIa, 3D (VIa+Vb)	TR1	98.2%	-	98.2%	99.8%	100.0%	99.8%	99.8%	100.0%	99.8%	99.9%	100.0%	99.9%	99.0%	100.0%	99.0%	99.8%	100.0%	99.8%	99.9%	100.0%	99.9%		
						Overall trawls	99.9%	-	99.9%	99.9%	100.0%	99.9%	99.9%	100.0%	99.9%	99.9%	-	99.9%	99.9%	100.0%	99.9%	99.9%	100.0%	99.9%	99.9%	100.0%	99.9%		
Blue ling	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SK, SV, OT, PT, TX	≥100 mm	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 20% of blue ling, the landing obligation shall apply to blue ling.	Vb and VI	IIa, 3D (VIa+Vb)	TR1	96.5%	100.0%	96.5%	99.9%	100.0%	99.9%	97.7%	100.0%	97.7%	98.8%	100.0%	98.8%	98.2%	100.0%	98.2%	98.8%	100.0%	98.8%	98.2%	100.0%	98.3%		
						Overall trawls	99.9%	-	99.9%	99.9%	100.0%	99.9%	99.9%	100.0%	99.9%	99.9%	-	99.9%	99.9%	100.0%	99.9%	99.9%	100.0%	99.9%	99.9%	100.0%	99.9%		
Grenadiers	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SK, SV, OT, PT, TX	≥100 mm	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 20% of grenadiers, the landing obligation shall apply to grenadiers.	Vb and VI	IIa, 3D (VIa+Vb)	TR1	96.4%	100.0%	96.6%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	98.2%	100.0%	98.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
						Overall trawls	99.9%	-	99.9%	99.9%	100.0%	99.9%	99.9%	100.0%	99.9%	99.9%	-	99.9%	99.9%	100.0%	99.9%	99.9%	100.0%	99.9%	99.9%	100.0%	99.9%		

Table 2.1 (cont) **North Western Waters:** The contribution (%) of each fleet segment identified under the Member States' joint recommendations to total catches and discards of the species-area combination.

Fisheries	Gear	Mesh Size	LO	ICES area	STECF Annex / Area	Gear	2013			2014			2015			2016			Mean contribution (13-14)			Mean contribution (14-15)			Mean contribution (15-16)							
							Landings	Discards	Catch	Landings	Discards	Catch	Landings	Discards	Catch	Landings	Discards	Catch	Landings	Discards	Catch	Landings	Discards	Catch	Landings	Discards	Catch					
Hake	Trawls and Seines: OTB, SSC, OTT, PTB, SON, SPR, TBN, TBS, TB, SK, SV, OT,PT, TX	All	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 10% of hake, the landing obligation shall apply to hake.	Vi, VII and Vb	Cell1_7BCEFGHIK	TR1	17.1%	71.1%	32.1%	13.9%	43.1%	16.6%	13.6%	36.9%	15.4%	12.8%	29.4%	14.1%	15.5%	57.1%	24.3%	13.7%	7.8%	2.6%	50.0%	6.6%	3.0%	44.5%	6.1%			
						TR2	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
						TR3	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
						OTTER	0.1%	0.6%	0.2%	0.1%	0.2%	0.1%	0.1%	0.0%	0.1%	0.2%	0.0%	0.1%	0.2%	0.0%	0.1%	0.1%	0.4%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.1%
						DEM_SEINE	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
						TR1	35.4%	--	35.4%	0.0%	--	0.0%	0.0%	--	0.0%	47.6%	--	47.6%	17.7%	--	17.7%	0.0%	--	0.0%	23.8%	--	23.8%	--	23.8%	--	23.8%	
						TR2	6.3%	--	6.3%	3.9%	--	3.9%	77.8%	--	77.8%	33.3%	--	33.3%	5.1%	--	5.1%	40.9%	--	40.9%	55.6%	--	55.6%	--	55.6%	--	55.6%	
						TR3	0.5%	--	0.5%	0.5%	--	0.5%	--	--	--	--	--	--	--	--	0.5%	0.5%	--	0.5%	--	--	--	0.5%	--	0.5%		
						OTTER	0.0%	--	2.1%	--	2.1%	11.1%	--	11.1%	--	--	--	--	--	--	1.0%	--	2.1%	6.6%	--	6.6%	11.1%	--	11.1%			
						DEM_SEINE	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
						TR1	11.8%	15.0%	11.9%	15.5%	0.0%	15.2%	84.1%	35.3%	83.5%	78.6%	100.0%	78.6%	13.6%	7.5%	13.6%	49.8%	17.6%	49.3%	81.4%	67.6%	81.0%					
						TR2	82.2%	85.0%	82.4%	53.9%	100.0%	54.9%	9.5%	64.7%	10.3%	6.5%	10.3%	6.5%	68.1%	92.5%	68.7%	31.7%	82.4%	32.6%	8.0%	32.4%	8.4%					
	TR3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
	OTTER	No STECF data	--	--	0.0%	0.0%	0.0%	--	--	0.4%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.4%									
	DEM_SEINE	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
	TR1	33.6%	78.8%	41.0%	23.4%	93.7%	29.6%	24.8%	33.0%	25.2%	25.6%	66.5%	26.6%	28.5%	86.3%	35.3%	24.1%	63.4%	27.4%	25.2%	49.7%	25.9%										
	TR2	0.2%	21.2%	3.7%	0.1%	5.9%	0.6%	0.1%	14.3%	0.8%	0.1%	29.2%	0.8%	0.2%	13.5%	2.1%	0.1%	10.1%	0.7%	0.1%	21.8%	0.8%										
	TR3	0.0%	0.0%	0.0%	--	--	--	--	--	--	--	--	--	0.0%	0.0%	0.0%	--	--	--	--	--	--										
	OTTER	1.3%	0.0%	1.1%	--	--	--	--	--	--	--	--	--	1.3%	0.0%	1.1%	--	--	--	--	--	--										
	DEM_SEINE	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
	Overall trawls							23.3%	96.7%	42.0%	18.4%	92.3%	25.2%	18.0%	84.4%	22.7%	18.4%	67.3%	21.7%	20.8%	94.5%	33.6%	18.2%	88.3%	23.9%	18.2%	75.9%	22.2%				
	All gillnets: GNS, GN, GND, GNC, GTR, GTR, GEN	All catches of hake shall be subject to the LO	Vi, VII and Vb	All catches of hake shall be subject to the LO	Cell1_7BCEFGHIK	GN1	28.6%	0.7%	20.9%	32.1%	4.5%	29.5%	32.7%	5.9%	30.7%	31.1%	27.2%	30.8%	30.4%	2.6%	25.2%	32.4%	5.2%	30.1%	31.9%	16.6%	30.7%					
						GT1	0.2%	1.3%	0.5%	0.2%	1.0%	0.2%	0.1%	0.2%	0.1%	0.2%	4.1%	0.5%	0.2%	1.1%	0.3%	0.1%	0.6%	0.2%	0.1%	2.2%	0.3%					
						GN1	40.5%	--	40.5%	0.0%	--	0.0%	0.0%	--	0.0%	--	--	20.3%	--	20.3%	0.0%	--	0.0%	0.0%	--	0.0%	--					
GT1						1.3%	--	1.3%	1.0%	--	1.0%	0.0%	--	0.0%	--	0.0%	--	1.2%	--	1.2%	0.5%	--	1.0%	0.0%	--	0.0%	--					
GN1						0.8%	0.0%	0.7%	0.0%	0.0%	3.6%	1.6%	0.0%	1.5%	1.9%	0.0%	1.9%	0.0%	2.2%	0.0%	2.2%	0.0%	2.6%	1.7%	0.0%	1.7%						
GT1						1.4%	0.0%	1.3%	0.2%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.8%	0.0%	0.8%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%					
GN1	10.1%	0.0%	8.5%	9.5%	0.0%	8.7%	1.3%	0.0%	1.3%	0.1%	0.0%	0.1%	9.8%	0.0%	8.6%	5.4%	0.0%	5.0%	0.7%	0.0%	0.7%											
GT1	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--											
Longlines: LL, LLS, LLD, LX, LTL, LHP, LHM	All catches of hake shall be subject to the LO	Vi, VII and Vb	All catches of hake shall be subject to the LO	Cell1_7BCEFGHIK	LL1	24.6%	1.7%	18.8%	27.0%	4.2%	24.9%	26.5%	5.4%	25.0%	25.1%	29.2%	25.4%	25.8%	3.0%	21.8%	26.8%	4.8%	25.0%	25.8%	17.3%	25.2%						
					LL1	50.6%	0.0%	36.5%	50.1%	0.0%	45.4%	50.3%	0.0%	46.5%	51.3%	0.0%	47.4%	50.4%	0.0%	41.0%	50.2%	4.0%	46.0%	50.8%	0.0%	46.9%						
					LL1	13.9%	--	13.9%	12.6%	--	12.6%	0.0%	--	0.0%	--	0.0%	--	13.2%	--	13.2%	0.0%	--	12.6%	--	12.6%	--						
					LL1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.0%	0.0%	3.0%	0.2%	0.0%	0.2%	0.0%	1.5%	0.0%	1.5%	0.0%	1.5%	1.6%	0.0%	1.6%						
					LL1	53.6%	0.0%	44.8%	66.1%	0.3%	60.3%	70.8%	4.3%	67.6%	68.4%	0.0%	66.8%	59.9%	0.2%	52.6%	68.4%	2.3%	64.0%	69.6%	2.2%	67.2%						
					Overall longlines	51.2%	0.0%	38.1%	53.7%	0.1%	48.8%	54.2%	0.6%	50.5%	54.5%	0.0%	50.9%	52.4%	0.0%	43.5%	54.0%	0.3%	49.6%	54.4%	0.3%	50.7%						
Trawls and Seines: OTB, SSC, OTT, PTB, SON, SPR, TBN, TBS, TB, SK, SV, OT,PT, TX, FPO, FIX	<100mm	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 20% of megrim, the landing obligation shall apply to megrim.	Vi, VII and Vb	Cell1_7BCEFGHIK	TR2	22.5%	30.3%	25.3%	27.9%	67.7%	36.2%	19.1%	49.1%	24.8%	33.3%	70.7%	43.8%	25.2%	49.0%	30.8%	23.5%	58.4%	30.5%	27.2%	59.9%	34.3%						
					TR3	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%						
					OTTER	0.1%	0.1%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.1%					
					DEM_SEINE	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--							
					TR2	17.9%	--	17.9%	26.3%	--	26.3%	0.0%	--	0.0%	--	25.0%	--	25.0%	22.1%	--	22.1%	13.2%	--	13.2%	12.5%	--	12.5%					
					TR3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
					OTTER	--	--	--	--	--	--	0.0%	--	37.5%	--	--	--	--	--	--	--	--	--	--	18.8%	--						
					DEM_SEINE	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--							
					TR2	23.4%	46.6%	33.2%	16.0%	15.3%	15.6%	17.2%	100.0%	26.2%	21.1%	--	21.1%	19.7%	30.9%	24.4%	16.6%	57.7%	20.9%	19.2%	100.0%	23.6%						
					OTTER	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--							
					DEM_SEINE	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--							
					TR2	1.3%	0.4%	1.1%	5.4%	3.3%	5.3%	2.0%	37.3%	4.4%	1.6%	58.3%	4.5%	3.3%	1.9%	3.2%	3.7%	20.3%	4.8%	1.8%	47.8%	4.5%						
TR3	0.0%	0.0%	0.0%	--	--	--	--	--	--	--	--	--	0.0%	0.0%	0.0%	--	--	--	--	--												
OTTER	1.0%	0.0%	0.8%	--	--	--	--	--	--	--	--	--	1.0%	0.0%	0.8%	--	--	--	--	--												
DEM_SEINE	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--												
Overall Trawls <100mm							21.3%	29.5%	24.3%	26.4%	66.2%	34.4%	17.7%	48.9%	23.4%	31.4%	70.4%	40.1%	23.9%	47.9%	29.3%	22.1%	57.5%	28.9%	24.6%	59.6%	31.7%					

Table 2.1 (cont) **North Western Waters:** The contribution (%) of each fleet segment identified under the Member States' joint recommendations to total catches and discards of the species-area combination.

Fisheries	Gear	Mesh Size	LO	ICES area	STECF Annex / Area	Gear	2013		2014		2015		2016		Mean contribution (13-14)			Mean contribution (14-15)			Mean contribution (15-16)														
							Landings	Discards	Catch	Landings	Discards	Catch	Landings	Discards	Catch	Landings	Discards	Catch	Landings	Discards	Catch	Landings	Discards	Catch	Landings	Discards	Catch								
Nephrops	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT,PT, TX, FPO, FIX	All	Where the total landings per vessel of all species in 2015 and 2016 consists of more than 10% of Norway lobster, the landing obligation shall apply to Norway lobster.	VII	Ce11, 7BCEFGHUK	TR1	32.4%	42.7%	34.0%	40.8%	54.8%	42.6%	43.0%	49.4%	43.4%	38.8%	43.1%	39.3%	36.6%	48.7%	38.3%	41.3%	52.1%	43.0%	40.9%	45.2%	41.3%								
						TR2	64.1%	57.3%	63.1%	56.6%	45.2%	55.0%	56.1%	50.6%	55.8%	60.2%	56.9%	59.8%	60.4%	51.2%	59.1%	56.3%	47.9%	55.4%	58.2%	53.8%	57.8%	0.0%	0.0%						
						TR3	0.0%	0.0%	0.0%	-	-	-	-	-	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
						OTTER	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%					
						DEM_SEINE	No STECF data	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						POTS	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%					
						TR1	-	-	-	100.0%	-	-	-	100.0%	-	-	-	-	100.0%	100.0%	-	-	100.0%	100.0%	-	-	100.0%	100.0%	-	-	100.0%				
						TR2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						TR3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						OTTER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						DEM_SEINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						POTS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						TR1	0.9%	1.0%	0.9%	0.3%	0.2%	0.3%	0.6%	1.0%	0.7%	0.5%	0.8%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.5%	0.6%	0.5%	0.6%	0.6%	0.6%	0.6%					
						TR2	98.2%	99.0%	98.3%	98.4%	99.8%	98.7%	99.0%	99.0%	99.0%	99.0%	98.1%	98.8%	98.2%	98.3%	99.4%	99.5%	98.7%	99.4%	99.8%	98.5%	98.9%	98.9%	98.6%	98.6%					
						TR3	-	-	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
OTTER	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.3%	0.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.2%	0.2%											
DEM_SEINE	No STECF data	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
POTS	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.2%	0.0%	0.1%	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%										
Overall trawls, seines and pots	98.1%	100.0%	98.5%	98.3%	100.0%	98.5%	99.5%	100.0%	98.5%	99.5%	100.0%	99.2%	98.2%	100.0%	98.5%	98.9%	100.0%	99.0%	99.3%	100.0%	99.3%	99.3%	100.0%	99.4%											
Gadoids (haddock)	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT,PT, TX	All	All catches of haddock shall be subject to the landing obligation. Where total landings per vessel of all species in 2015 and 2016 consist of more than 10% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to haddock.	Vila	Ila, 3C (Vila)	TR1	40.2%	2.0%	18.4%	80.3%	1.7%	37.7%	74.3%	6.8%	46.4%	75.7%	32.0%	70.1%	60.2%	1.8%	28.1%	77.3%	4.2%	42.1%	75.0%	19.4%	58.2%								
						TR2	55.9%	93.7%	77.5%	17.6%	96.2%	60.1%	24.0%	87.3%	50.2%	21.1%	67.9%	27.0%	36.8%	94.9%	68.8%	20.8%	91.8%	55.2%	22.6%	77.6%	38.6%	-	-						
						TR3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						OTTER	-	-	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%						
						DEM_SEINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						Overall trawls	96.1%	95.6%	95.8%	97.9%	97.9%	97.9%	98.4%	94.1%	96.6%	97.0%	100.0%	97.4%	97.0%	96.8%	96.9%	98.1%	96.0%	97.3%	97.7%	97.1%	97.0%	-	-	-					
						BT1	0.3%	0.0%	0.3%	0.1%	0.0%	0.1%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						BT2	30.0%	15.0%	27.1%	34.8%	25.9%	33.8%	34.0%	47.7%	34.9%	36.7%	7.6%	30.2%	32.4%	20.4%	30.5%	34.4%	36.7%	34.3%	35.4%	27.6%	32.5%	-	-	-					
						BEAM	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%					
						Overall Beam	30.4%	15.0%	27.4%	34.8%	25.8%	33.9%	34.0%	47.7%	34.9%	36.8%	7.6%	30.3%	32.6%	20.4%	30.7%	34.4%	36.7%	34.4%	35.4%	27.6%	32.6%	-	-	-					
						TR1	13.4%	78.3%	25.8%	11.7%	66.4%	17.5%	13.3%	38.3%	14.9%	14.6%	80.7%	29.4%	12.5%	72.4%	21.7%	12.5%	52.3%	16.2%	13.9%	59.5%	22.1%	-	-	-					
						TR2	0.1%	0.0%	0.0%	0.1%	0.6%	0.1%	0.1%	0.2%	0.1%	0.1%	0.3%	0.1%	0.3%	0.1%	0.4%	0.1%	0.4%	0.1%	0.1%	0.4%	0.1%	0.6%	0.2%						
						OTTER	0.3%	0.2%	0.3%	0.4%	2.9%	0.7%	0.5%	1.0%	0.6%	0.6%	4.3%	1.4%	0.4%	1.6%	0.5%	1.9%	0.6%	1.6%	2.6%	1.0%	-	-	-						
						DEM_SEINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						Overall trawls <100mm	13.7%	78.5%	26.1%	12.2%	69.9%	18.3%	13.9%	39.5%	15.5%	15.3%	86.0%	31.2%	13.0%	74.2%	22.2%	13.1%	54.7%	16.9%	14.6%	62.7%	23.4%	-	-	-					
Common sole	All beam trawls (TBB)	All	All catches of common sole are subject to the LO	Vlid	Ila, 3B3 (Vlid)	TR1	0.3%	0.0%	0.3%	0.1%	0.0%	0.1%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
						TR2	13.4%	78.3%	25.8%	11.7%	66.4%	17.5%	13.3%	38.3%	14.9%	14.6%	80.7%	29.4%	12.5%	72.4%	21.7%	12.5%	52.3%	16.2%	13.9%	59.5%	22.1%								
						TR3	0.1%	0.0%	0.0%	0.1%	0.6%	0.1%	0.1%	0.2%	0.1%	0.1%	0.3%	0.1%	0.3%	0.1%	0.4%	0.1%	0.4%	0.1%	0.1%	0.6%	0.2%								
						OTTER	0.3%	0.2%	0.3%	0.4%	2.9%	0.7%	0.5%	1.0%	0.6%	0.6%	4.3%	1.4%	0.4%	1.6%	0.5%	1.9%	0.6%	1.6%	2.6%	1.0%	-	-							
						DEM_SEINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
						Overall trawls <100mm	13.7%	78.5%	26.1%	12.2%	69.9%	18.3%	13.9%	39.5%	15.5%	15.3%	86.0%	31.2%	13.0%	74.2%	22.2%	13.1%	54.7%	16.9%	14.6%	62.7%	23.4%	-	-						
						Gadoids (whiting)	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT,PT, TX	All	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 10% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to whiting.	Vlid	Ila, 3B3 (Vlid)	GN1	5.0%	0.0%	4.1%	5.2%	4.6%	5.6%	1.0%	5.3%	6.0%	1.2%	4.9%	5.1%	0.0%	4.3%	5.4%	0.5%	5.8%	1.1%	5.1%				
												GT1	46.8%	6.4%	39.0%	41.6%	4.1%	37.7%	40.0%	11.8%	38.2%	37.2%	5.3%	30.0%	44.2%	5.3%	38.4%	40.8%	8.0%	37.9%	38.6%	8.5%	34.1%		
												Overall netters	51.8%	6.5%	43.1%	46.8%	4.2%	42.3%	45.6%	12.9%	43.5%	43.2%	6.3%	34.9%	49.3%	5.3%	42.7%	46.2%	8.5%	42.9%	44.4%	9.6%	39.2%		
												TR1	2.9%	1.1%	2.1%	0.7%	0.3%	0.4%	0.3%	0.2%	0.2%	0.1%	0.1%	1.8%	0.7%	1.2%	0.5%	0.2%	0.3%	0.3%	0.1%	0.2%			
												TR2	93.8%	96.5%	95.1%	91.8%	96.9%	95.8%	92.1%	90.3%	91.3%	93.4%	52.7%	63.2%	92.8%	96.7%	95.4%	92.0%	93.6%	93.6%	92.8%	71.5%	77.3%		
												TR3	0.0%	0.0%	0.0%	0.3%	0.3%	0.3%	0.2%	0.0%	0.1%	0.0%	0.2%	0.0%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.0%	0.1%	
												OTTER	0.0%	0.3%	0.2%	0.3%	0.3%	0.3%	0.7%	0.4%	0.6%	0.8%	0.4%	0.5%	0.2%	0.3%	0.2%	0.5%	0.3%	0.4%	0.7%	0.4%	0.5%		
												DEM_SEINE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
												Overall trawls and seines	96.8%	98.0%	97.3%	93.2%	97.8%	96.8%	93.3%	90.8%	92.2%	94.5%	53.3%	63.9%	95.0%	97.9%	97.1%	93.2%	94.3%	94.5%	93.9%	72.0%	78.0%		

Table 2.2 **North Sea:** The contribution (%) of each fleet segment identified under the Member States' joint recommendations to total catches and discards of the species-area combination.

Gear	Mesh size	ICES area	STECF Annex / Area	Gear	Stock/species	2013			2014			2015			2016			Mean contribution (13-14)			Mean contribution (14-15)			Mean contribution (15-16)			
						Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	
						Trawls and Seines: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	>100	IV	IIA, 3B2	TR1	Plaice	29.3%	5.3%	22.0%	29.6%	4.2%	19.9%	35.6%	2.4%	19.0%	35.1%	1.9%	23.6%	29.4%	4.7%	21.0%	32.6%
					cod	81.2%	81.9%	81.4%	80.1%	60.2%	76.2%	83.6%	64.4%	79.5%	87.4%	78.0%	85.3%	80.7%	71.0%	78.8%	81.9%	62.3%	77.9%	85.5%	71.2%	82.4%	
					Haddock	95.8%	94.6%	95.8%	96.8%	70.5%	94.0%	98.1%	48.8%	91.2%	98.6%	77.5%	95.3%	96.3%	82.6%	94.9%	97.4%	59.7%	92.6%	98.4%	63.1%	93.2%	
					Nephrops	12.4%	4.1%	11.5%	23.0%	5.4%	22.4%	21.9%	0.8%	14.7%	33.8%	0.0%	26.1%	17.7%	4.7%	16.9%	22.5%	3.1%	18.5%	27.9%	0.4%	20.4%	
					Northern prawn	0.1%	0.0%	0.1%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					Saithe	98.3%	99.2%	98.5%	98.4%	98.8%	98.5%	99.0%	96.3%	98.7%	98.7%	86.9%	95.8%	98.4%	99.0%	98.5%	98.7%	97.6%	98.6%	98.9%	91.6%	97.3%	
					Sole	0.3%	0.0%	0.2%	0.3%	0.2%	0.3%	0.4%	0.2%	0.3%	0.5%	0.2%	1.5%	0.3%	0.1%	0.2%	0.3%	0.2%	0.3%	0.4%	4.7%	0.9%	
					whiting	67.0%	15.3%	43.1%	63.1%	15.1%	40.0%	65.5%	14.7%	37.6%	56.2%	32.7%	47.7%	65.1%	15.2%	41.6%	64.3%	14.9%	38.8%	60.8%	23.7%	42.7%	
Trawls and Seines: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	>100	IIIa	IIA, 3B1	TR1	Plaice	71.8%	67.0%	71.2%	73.8%	61.9%	72.7%	78.5%	63.4%	77.6%	66.7%	70.7%	67.0%	72.8%	64.5%	72.0%	76.1%	62.6%	75.2%	72.6%	67.0%	72.3%	
					cod	38.2%	35.6%	37.5%	38.2%	37.7%	38.1%	39.8%	45.4%	42.0%	44.1%	52.6%	46.3%	38.2%	36.6%	37.8%	39.0%	41.5%	40.0%	42.0%	49.0%	44.1%	
					Haddock	58.1%	34.2%	56.4%	59.8%	40.4%	59.0%	59.7%	49.7%	59.0%	75.2%	32.0%	73.9%	58.9%	37.3%	57.7%	59.8%	45.0%	59.0%	67.4%	40.8%	66.4%	
					Nephrops	0.9%	2.0%	1.4%	1.5%	2.5%	1.8%	2.3%	4.7%	2.8%	1.7%	5.1%	1.8%	1.2%	2.3%	1.6%	1.9%	3.6%	2.3%	2.0%	4.9%	2.3%	
					Northern prawn	-	-	-	-	-	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-	-	-	0.0%	0.0%	0.0%	0.0%	0.0%		
					Saithe	51.0%	40.4%	50.5%	26.2%	13.7%	25.3%	17.9%	15.6%	17.5%	26.2%	10.5%	24.5%	38.6%	27.1%	37.9%	22.0%	14.7%	21.4%	22.0%	13.0%	21.0%	
					sole	8.9%	17.1%	9.3%	8.9%	0.0%	8.7%	27.9%	20.0%	27.8%	14.6%	20.0%	14.7%	8.9%	8.6%	9.0%	18.4%	10.0%	18.3%	21.2%	20.0%	21.3%	
					whiting	4.4%	26.6%	20.8%	4.4%	22.9%	12.6%	6.3%	11.0%	9.7%	14.5%	13.2%	13.5%	4.4%	24.7%	16.7%	5.4%	16.9%	11.1%	10.4%	12.1%	11.6%	
Trawls and Seines: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	70-99	IV	IIA, 3B2	TR2	cod	2.2%	7.1%	3.3%	3.3%	36.4%	9.8%	2.7%	34.0%	9.3%	0.9%	18.4%	4.8%	2.7%	21.7%	6.6%	3.0%	35.2%	9.6%	1.8%	26.2%	7.1%	
					Haddock	3.6%	4.4%	3.6%	2.5%	29.4%	5.3%	1.3%	51.1%	8.3%	0.6%	22.5%	4.0%	3.0%	16.9%	4.5%	1.9%	40.3%	6.8%	0.9%	36.8%	6.2%	
					Nephrops	86.2%	95.7%	87.3%	76.4%	94.2%	77.0%	76.6%	97.8%	83.9%	63.5%	94.9%	70.7%	81.3%	94.9%	82.1%	76.5%	96.0%	80.4%	70.1%	96.4%	77.3%	
					Northern prawn	-	-	-	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
					Sole	2.1%	0.0%	1.0%	2.2%	0.8%	2.0%	2.5%	3.3%	2.7%	1.7%	4.2%	2.0%	2.1%	0.4%	1.5%	2.4%	2.0%	2.4%	2.1%	3.7%	2.4%	
					whiting	19.3%	78.9%	46.9%	21.3%	77.8%	48.5%	15.0%	66.1%	43.1%	12.6%	40.7%	22.7%	20.3%	78.4%	47.7%	18.2%	72.0%	45.8%	13.8%	53.4%	32.9%	
					cod	27.4%	60.9%	35.9%	27.6%	57.2%	36.2%	21.1%	45.6%	30.5%	21.4%	43.6%	27.1%	27.5%	59.0%	36.1%	24.3%	51.4%	33.4%	21.3%	44.6%	28.8%	
Trawls and Seines: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	70-99	IIIa	IIA, 3B1	TR2	Haddock	33.3%	63.6%	35.4%	37.0%	58.5%	37.8%	37.2%	48.4%	38.0%	20.7%	66.5%	22.1%	35.1%	61.0%	36.6%	37.1%	53.4%	37.9%	28.9%	57.4%	30.0%	
					Nephrops	84.5%	98.0%	90.6%	86.4%	93.9%	88.5%	81.0%	92.3%	83.6%	88.7%	86.2%	88.5%	85.5%	95.9%	89.5%	83.7%	93.1%	86.0%	84.8%	89.2%	86.0%	
					Northern prawn	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
					Sole	41.8%	82.9%	43.5%	41.1%	93.3%	41.8%	35.7%	40.0%	35.7%	25.6%	80.0%	26.9%	41.4%	88.1%	42.7%	38.4%	66.7%	38.8%	30.7%	60.0%	31.3%	
					whiting	21.8%	71.0%	58.2%	25.3%	74.2%	46.8%	27.7%	56.4%	48.8%	40.6%	75.2%	66.4%	23.5%	72.6%	52.5%	26.5%	65.3%	47.8%	34.2%	65.8%	57.6%	
					cod	0.2%	0.0%	0.2%	0.1%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.1%	0.2%	0.0%	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	
					haddock	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	
					Nephrops	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.1%		
					Northern prawn	46.8%	86.5%	50.6%	58.0%	100.0%	66.7%	93.9%	100.0%	94.7%	52.8%	100.0%	53.8%	52.4%	93.3%	58.6%	75.9%	100.0%	80.7%	73.3%	100.0%	74.2%	
					plaice	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%		
					saithe	0.2%	0.0%	0.1%	0.1%	0.0%	0.1%	0.2%	0.0%	0.2%	0.0%	0.2%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.2%	0.0%	0.2%		
					sole	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
					whiting	4.4%	0.0%	2.4%	1.4%	0.0%	0.7%	1.8%	4.0%	3.0%	0.1%	0.0%	0.1%	2.9%	0.0%	1.5%	1.6%	2.0%	1.8%	0.9%	2.0%	1.5%	
Trawls and Seines: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	32-69	IV	IIA, 3B2	OTTER	cod	3.4%	2.2%	3.1%	5.8%	3.4%	5.1%	6.0%	2.1%	4.5%	7.5%	1.7%	6.0%	4.6%	2.8%	4.1%	5.9%	2.8%	4.8%	6.7%	1.9%	5.2%	
					haddock	1.3%	2.2%	1.4%	1.5%	1.1%	1.5%	1.5%	1.3%	1.5%	1.7%	1.2%	1.6%	1.4%	1.7%	1.4%	1.5%	1.2%	1.5%	1.6%	1.3%	1.6%	
					Nephrops	0.3%	0.0%	0.2%	0.2%	0.2%	0.2%	0.3%	0.1%	0.3%	0.2%	0.8%	0.2%	0.3%	0.1%	0.2%	0.3%	0.2%	0.2%	0.3%	0.4%	0.2%	
					Northern prawn	92.5%	100.0%	93.3%	94.8%	100.0%	95.9%	100.0%	99.9%	100.0%	100.0%	100.0%	100.0%	93.6%	100.0%	94.6%	97.4%	100.0%	97.9%	100.0%	100.0%	100.0%	
					plaice	0.0%	0.2%	0.1%	0.1%	0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.4%	0.1%	
					saithe	10.0%	1.2%	9.5%	19.7%	66.6%	23.2%	23.3%	3.9%	20.1%	24.5%	35.1%	25.6%	14.8%	33.9%	16.4%	21.5%	35.3%	21.7%	23.9%	19.5%	22.9%	
					sole	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
					whiting	0.1%	2.1%	1.6%	1.3%	2.4%	1.8%	0.6%	32.3%	23.9%	0.5%	11.2%	8.5%	0.7%	2.2%	1.7%	0.9%	17.3%	12.9%	0.5%	21.8%	16.2%	

Table 2.2 (cont) **North Sea:** The contribution (%) of each fleet segment identified under the Member States' joint recommendations to total catches and discards of the species-area combination.

Gear	Mesh size	ICES area	STECF Annex / Area	Gear	Stock/species	2013			2014			2015			2016			Mean contribution (13-14)			Mean contribution (14-15)			Mean contribution (15-16)				
						Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch		
Beam trawlers	>120	IV	IIA, 3B2	BT1	Plaice	12.2%	0.4%	8.6%	13.4%	0.0%	8.3%	8.0%	0.4%	4.2%	13.0%	2.7%	9.4%	12.8%	0.2%	8.4%	10.7%	0.2%	6.2%	10.5%	1.5%	6.8%		
					cod	4.2%	6.6%	4.8%	4.3%	0.0%	3.5%	3.3%	0.7%	2.8%	3.4%	2.6%	3.2%	4.3%	3.3%	4.1%	3.8%	0.4%	3.1%	3.4%	1.7%	3.0%		
					haddock	0.2%	0.0%	0.2%	0.2%	0.0%	0.2%	0.1%	0.0%	0.1%	0.2%	0.0%	0.1%	0.2%	0.0%	0.2%	0.2%	0.0%	0.2%	0.2%	0.0%	0.0%	0.1%	
					Nephrops	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
					Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					saithe	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
					sole	0.2%	0.0%	0.1%	0.6%	0.0%	0.5%	1.0%	0.0%	0.7%	2.0%	0.2%	1.8%	0.4%	0.0%	0.3%	0.8%	0.0%	0.6%	1.5%	0.1%	1.3%		
					whiting	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%		
					Plaice	9.3%	0.0%	8.2%	10.0%	0.0%	9.1%	9.6%	0.0%	9.0%	10.7%	0.0%	9.9%	9.7%	0.0%	8.6%	9.8%	0.0%	9.1%	10.1%	0.0%	9.5%		
					cod	0.2%	0.0%	0.1%	0.3%	0.0%	0.2%	0.0%	0.1%	0.3%	0.0%	0.2%	0.2%	0.0%	0.2%	0.3%	0.0%	0.2%	0.3%	0.0%	0.2%	0.0%	0.2%	
haddock	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%						
Nephrops	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
saithe	0.0%	--	0.0%	2.8%	0.0%	2.7%	13.9%	0.0%	0.0%	13.8%	8.2%	0.0%	8.0%	3.0%	0.0%	2.9%	8.3%	0.0%	8.2%	11.0%	0.0%	10.9%						
sole	3.2%	0.0%	3.0%	0.0%	2.7%	13.9%	0.0%	0.0%	13.8%	8.2%	0.0%	8.0%	3.0%	0.0%	2.9%	8.3%	0.0%	8.2%	11.0%	0.0%	10.9%							
whiting	--	--	--	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%						
Beam trawlers	80-119	IV	IIA, 3B2	BT2	cod	2.7%	1.0%	2.3%	2.1%	2.7%	2.2%	2.0%	0.6%	1.7%	1.3%	0.3%	1.1%	2.4%	1.8%	2.3%	2.1%	1.6%	2.0%	1.7%	0.4%	1.4%		
					haddock	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
					Nephrops	0.4%	0.2%	0.4%	0.2%	0.4%	0.2%	0.7%	1.4%	0.9%	1.2%	5.1%	2.1%	0.3%	0.3%	0.3%	0.5%	0.9%	0.6%	1.0%	3.2%	1.5%		
					Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
					saithe	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
					sole	84.9%	12.9%	45.3%	84.0%	87.5%	84.5%	86.0%	77.4%	83.8%	88.0%	60.8%	84.7%	84.5%	50.2%	64.9%	85.0%	82.5%	84.1%	87.0%	69.1%	84.3%		
					whiting	1.7%	5.1%	3.2%	1.4%	6.4%	3.8%	1.5%	8.5%	5.4%	1.4%	10.6%	4.7%	1.5%	5.7%	3.5%	1.5%	7.5%	4.6%	1.5%	9.6%	5.0%		
					cod	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%		
					haddock	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
					Nephrops	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
saithe	0.0%	--	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%						
sole	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%	0.0%	14.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.2%	0.0%	7.0%						
whiting	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
Overall Beam trawlers	80-119 & >120	IV	IIA, 3B2	BT2 & BT1	cod	6.9%	7.7%	7.1%	6.4%	2.7%	5.7%	5.4%	1.3%	4.5%	4.8%	2.9%	4.4%	6.7%	5.2%	6.4%	5.9%	2.0%	5.1%	2.1%	4.4%			
					haddock	0.2%	0.0%	0.2%	0.3%	0.0%	0.2%	0.1%	0.0%	0.1%	0.2%	0.0%	0.2%	0.2%	0.0%	0.2%	0.2%	0.0%	0.2%	0.2%	0.0%	0.1%		
					Nephrops	0.4%	0.2%	0.4%	0.2%	0.4%	0.2%	0.7%	1.4%	0.9%	1.2%	5.1%	2.1%	0.3%	0.3%	0.3%	0.5%	0.9%	0.6%	1.0%	3.2%	1.5%		
					Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
					saithe	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
					sole	85.1%	12.9%	45.4%	84.6%	87.5%	85.0%	86.9%	77.4%	84.6%	90.0%	61.0%	86.5%	84.9%	50.2%	65.2%	85.8%	82.5%	84.8%	88.5%	69.2%	85.5%		
					whiting	1.7%	5.1%	3.3%	1.4%	6.4%	3.8%	1.6%	8.5%	5.4%	1.4%	10.7%	4.8%	1.5%	5.7%	3.5%	1.5%	7.5%	4.6%	1.5%	9.6%	5.1%		
					cod	0.2%	0.0%	0.1%	0.4%	0.0%	0.3%	0.2%	0.0%	0.1%	0.4%	0.0%	0.3%	0.3%	0.0%	0.2%	0.3%	0.0%	0.2%	0.3%	0.0%	0.2%		
					haddock	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
					Nephrops	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
saithe	0.0%	--	0.0%	2.8%	0.0%	2.7%	13.9%	0.0%	0.0%	13.8%	22.5%	0.0%	22.0%	3.0%	0.0%	2.9%	8.3%	0.0%	8.2%	18.2%	0.0%	17.9%						
sole	3.2%	0.0%	3.0%	0.0%	2.7%	13.9%	0.0%	0.0%	13.8%	22.5%	0.0%	22.0%	3.0%	0.0%	2.9%	8.3%	0.0%	8.2%	18.2%	0.0%	17.9%							
whiting	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
Overall Beam trawlers	80-119 & >120	IIIA	IIA, 3B1	BT2 & BT1	haddock	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
					Nephrops	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
					Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
					saithe	0.0%	--	0.0%	2.8%	0.0%	2.7%	13.9%	0.0%	0.0%	13.8%	22.5%	0.0%	22.0%	3.0%	0.0%	2.9%	8.3%	0.0%	8.2%	18.2%	0.0%	17.9%	
					sole	3.2%	0.0%	3.0%	0.0%	2.7%	13.9%	0.0%	0.0%	13.8%	22.5%	0.0%	22.0%	3.0%	0.0%	2.9%	8.3%	0.0%	8.2%	18.2%	0.0%	17.9%		
					whiting	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2.2 (cont) **North Sea**: The contribution (%) of each fleet segment identified under the Member States' joint recommendations to total catches and discards of the species-area combination.

Gear	Mesh size	ICES area	STECF Annex / Area	Gear	Stock/species	2013			2014			2015			2016			Mean contribution (13-14)			Mean contribution (14-15)			Mean contribution (15-16)			
						Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	
Gillnets, trammel nets and entangling nets: GN, GNS, GND, GNC, GTN, GTR, GEN, GNF	All	IV	IIA, 3B2	GN1	cod	6.5%	2.6%	5.6%	6.1%	0.6%	5.0%	4.4%	0.2%	3.5%	4.0%	0.5%	3.2%	6.3%	1.6%	5.3%	5.3%	0.4%	4.3%	4.2%	0.4%	3.4%	
				GT1	cod	1.1%	0.7%	1.0%	1.3%	0.1%	1.1%	1.4%	0.1%	1.1%	0.9%	0.1%	0.7%	1.2%	0.4%	1.0%	1.4%	0.1%	1.1%	1.2%	0.1%	0.9%	
				Overall Netters	cod	7.6%	3.3%	6.6%	7.5%	0.7%	6.2%	5.8%	0.3%	4.6%	4.9%	0.6%	4.0%	7.5%	2.0%	6.4%	6.7%	0.5%	5.4%	5.4%	0.4%	4.3%	
				GN1	haddock	0.2%	0.9%	0.2%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.2%	0.5%	0.2%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	
				GT1	haddock	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
				Overall Netters	haddock	0.2%	1.0%	0.2%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.2%	0.5%	0.2%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	
			IIA, 3B2	GN1	Nephrops	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
				GT1	Nephrops	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
				Overall Netters	Nephrops	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
				GN1>1	Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
				GN1	saithe	0.7%	0.6%	0.7%	0.2%	0.1%	0.2%	0.1%	0.0%	0.1%	0.1%	0.3%	0.1%	0.5%	0.3%	0.5%	0.2%	0.1%	0.1%	0.1%	0.2%	0.1%	
				Overall Netters	saithe	0.7%	0.6%	0.7%	0.2%	0.1%	0.2%	0.1%	0.0%	0.1%	0.3%	0.1%	0.5%	0.3%	0.5%	0.2%	0.1%	0.1%	0.1%	0.2%	0.1%		
			IIA, 3B2	GN1	Sole	7.3%	0.0%	3.3%	5.7%	0.0%	5.0%	4.2%	0.0%	3.1%	3.8%	0.0%	3.3%	6.5%	0.0%	4.1%	4.9%	0.0%	4.1%	4.0%	0.0%	3.2%	
				GT1	Sole	4.9%	0.1%	2.3%	5.9%	0.6%	5.2%	5.5%	0.3%	4.2%	3.7%	0.7%	3.3%	5.4%	0.4%	3.8%	5.7%	0.4%	4.7%	4.6%	0.5%	3.8%	
				Overall Netters	Sole	12.2%	0.1%	5.5%	11.5%	0.6%	10.2%	9.7%	0.3%	7.4%	7.5%	0.7%	6.6%	11.9%	0.4%	7.9%	10.6%	0.5%	8.8%	8.6%	0.5%	7.0%	
				GN1	whiting	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	5.0%	2.8%	0.0%	1.1%	0.4%	0.0%	0.1%	0.0%	2.6%	1.4%	0.0%	3.1%	1.6%	
				GT1	whiting	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%		
				Overall Netters	whiting	0.1%	0.1%	0.0%	0.4%	0.2%	0.1%	5.1%	2.8%	0.0%	1.3%	0.5%	0.0%	2.7%	1.5%	0.0%	2.7%	1.5%	0.0%	3.2%	1.7%		
IIA, 3B1	GN1	cod	18.1%	1.2%	13.8%	15.4%	1.1%	11.2%	20.3%	3.4%	13.8%	13.4%	0.2%	10.0%	16.7%	1.1%	12.5%	17.9%	2.3%	12.5%	16.9%	1.8%	11.9%				
	GT1	cod	2.1%	0.1%	1.6%	1.7%	0.1%	1.2%	1.7%	0.6%	1.3%	1.9%	0.1%	1.4%	1.9%	0.1%	1.4%	1.7%	0.4%	1.3%	1.8%	0.3%	1.4%				
	Overall Netters	cod	20.2%	1.4%	15.4%	17.0%	1.2%	12.4%	22.1%	4.1%	15.2%	15.3%	0.3%	11.4%	18.6%	1.3%	13.9%	19.5%	2.6%	13.8%	18.7%	2.2%	13.3%				
	GN1	haddock	1.8%	0.0%	1.7%	0.6%	0.0%	0.6%	0.9%	0.7%	0.9%	0.1%	0.0%	0.1%	1.2%	0.0%	1.1%	0.7%	0.3%	0.7%	0.5%	0.3%	0.5%				
	GT1	haddock	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%					
	Overall Netters	haddock	1.8%	0.0%	1.7%	0.6%	0.0%	0.6%	0.9%	0.7%	0.9%	0.2%	0.0%	0.2%	1.2%	0.0%	1.1%	0.7%	0.3%	0.7%	0.6%	0.3%	0.5%				
IIA, 3B1	GN1	Nephrops	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
	GT1	Nephrops	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
	Overall Netters	Nephrops	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%					
	GN1>1	Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
	GN1	saithe	1.2%	2.4%	1.3%	1.1%	1.4%	1.1%	1.3%	3.4%	1.7%	1.5%	0.4%	1.4%	1.2%	1.9%	1.2%	1.2%	2.4%	1.4%	1.4%	1.9%	1.5%				
	Overall Netters	saithe	1.3%	3.0%	1.3%	1.2%	1.4%	1.2%	1.4%	3.6%	1.8%	1.6%	0.4%	1.5%	1.2%	2.2%	1.3%	2.5%	1.5%	1.5%	2.0%	1.6%					
IIA, 3B1	GN1	Sole	16.2%	0.0%	15.5%	18.2%	6.7%	18.0%	7.8%	0.0%	7.7%	11.1%	0.0%	10.8%	17.2%	3.3%	16.8%	13.0%	3.3%	12.9%	9.4%	0.0%	9.3%				
	GT1	Sole	2.3%	0.0%	2.2%	7.6%	0.0%	7.5%	1.2%	0.0%	1.2%	0.1%	0.0%	0.1%	4.9%	0.0%	4.8%	4.4%	0.0%	4.4%	0.7%	0.0%	0.7%				
	Overall Netters	Sole	18.5%	0.0%	17.7%	25.8%	6.7%	25.5%	9.0%	0.0%	9.0%	11.2%	0.0%	10.9%	22.1%	3.3%	21.6%	17.4%	3.3%	17.2%	10.1%	0.0%	9.9%				
	GN1	whiting	0.1%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%				
	GT1	whiting	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%					
	Overall Netters	whiting	0.1%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%					

Table 2.2 (cont) **North Sea:** The contribution (%) of each fleet segment identified under the Member States' joint recommendations to total catches and discards of the species-area combination.

Gear	Mesh size	ICES area	STECF Annex / Area	Gear	Stock/species	2013			2014			2015			2016			Mean contribution (13-14)			Mean contribution (14-15)			Mean contribution (15-16)							
						Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch					
Hooks and lines: LLS, LLD, LL, LTL, LX, LHP, LHM		IV	IIA, 3B2	LL1	cod	0.7%	0.0%	0.5%	0.8%	0.0%	0.6%	1.0%	0.0%	0.8%	0.6%	0.0%	0.5%	0.7%	0.0%	0.6%	0.9%	0.0%	0.7%	0.8%	0.0%	0.6%					
					haddock	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
					Hake	6.2%	0.0%	4.4%	13.8%	0.0%	10.1%	9.4%	0.0%	7.3%	20.7%	0.0%	16.3%	10.0%	0.0%	7.2%	11.6%	0.0%	8.7%	15.1%	0.0%	0.0%	11.8%				
					Nephrops	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
					Northern prawn	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-	-	-	0.1%	0.0%	0.1%			
					plaice	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
					saithe	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%				
					sole	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
					whiting	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
					Hooks and lines: LLS, LLD, LL, LTL, LX, LHP, LHM		IIa	IIA, 3B1	LL1	cod	0.3%	0.0%	0.2%	0.4%	0.0%	0.3%	0.7%	0.0%	0.5%	0.3%	0.0%	0.2%	0.4%	0.0%	0.3%	0.6%	0.0%	0.4%	0.5%	0.0%	0.3%
haddock	0.0%	0.0%	0.0%	0.0%						0.0%	0.0%	0.2%	0.0%	0.1%	-	-	-	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.2%	0.0%	0.1%					
Hake	-	-	-	0.0%						0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%					
Nephrops	No STECF data			--						--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
Northern prawn	No STECF data			--						--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
plaice	0.0%	0.0%	0.0%	0.0%						0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
saithe	0.1%	--	0.1%	1.8%						0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.9%	0.9%	0.0%	0.9%	0.0%	0.9%	0.0%	0.0%				
sole	-	-	-	-						-	-	0.0%	0.0%	0.0%	0.0%	0.0%	-	-	-	-	-	0.0%	0.0%	0.0%	0.0%	0.0%					
whiting	-	-	-	-						-	-	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	0.0%	0.0%	0.0%	0.0%	0.0%					
Traps: FPO, FIX, FYK, FPN		IV	IIA, 3B2	POTS						cod	0.2%	0.0%	0.2%	0.3%	0.0%	0.3%	0.3%	0.0%	0.2%	0.2%	0.0%	0.1%	0.3%	0.0%	0.2%	0.3%	0.0%	0.2%	0.2%	0.0%	0.2%
					Haddock	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%						
					Nephrops	0.8%	0.0%	0.7%	0.2%	0.0%	0.2%	0.6%	0.0%	0.4%	1.2%	0.0%	0.9%	0.5%	0.0%	0.5%	0.4%	0.0%	0.3%	0.9%	0.0%	0.7%					
					Northern prawn	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
					plaice	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%					
					saithe	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%						
					sole	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%							
					whiting	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%							
					Traps: FPO, FIX, FYK, FPN		IIa	IIA, 3B1	POTS	cod	0.1%	0.0%	0.1%	0.0%	0.5%	0.2%	0.1%	2.8%	1.1%	0.1%	1.3%	0.4%	0.0%	0.3%	0.1%	0.0%	1.7%	0.6%	0.1%	2.1%	0.8%
										Haddock	0.8%	0.0%	0.8%	-	-	-	-	-	-	-	-	-	0.8%	0.0%	0.8%	-	-	-	-	-	
Nephrops	13.5%	0.0%	7.4%	11.0%						3.4%	8.9%	16.2%	2.9%	13.2%	9.2%	8.0%	9.2%	12.3%	1.7%	8.2%	13.6%	3.1%	11.1%	12.7%	5.4%	11.2%					
Northern prawn	No STECF data			--						--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
plaice	0.0%	0.0%	0.0%	0.0%						0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%							
saithe	0.0%	0.0%	0.0%	0.0%						0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%							
sole	-	-	-	0.0%						0.0%	0.0%	0.0%	40.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	0.2%	0.0%							
whiting	12.8%	0.0%	3.3%	0.0%						0.6%	0.2%	0.0%	0.4%	0.3%	0.1%	0.1%	0.1%	6.4%	0.3%	1.8%	0.0%	0.5%	0.3%	0.0%							

Table 2.2 (cont) **North Sea**: The contribution (%) of each fleet segment identified under the Member States' joint recommendations to total catches and discards of the species-area combination.

Gear	Mesh size	ICES area	STECF Annex / Area	Gear	Stock/species	2013			2014			2015			2016			Mean contribution (13-14)			Mean contribution (14-15)			Mean contribution (15-16)					
						Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch	Landings	Disc	Catch									
Trawls and Seines: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	16-31	IV	IIA, 3B2	TR3*	cod	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%		
					haddock	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	
					Nephrops	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
					Northern prawn	41.9%	0.3%	37.9%	31.1%	0.0%	24.7%	4.5%	0.0%	3.9%	34.8%	0.0%	34.1%	36.5%	0.1%	31.3%	17.8%	0.0%	14.3%	19.6%	0.0%	19.0%	0.0%	19.0%	
					plaice	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
					saithe	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
					sole	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
					whiting	3.9%	0.0%	2.1%	3.6%	0.0%	1.9%	3.4%	0.3%	1.7%	7.3%	0.0%	4.7%	3.8%	0.0%	2.0%	3.5%	0.1%	1.8%	5.4%	0.1%	3.2%	0.0%	0.0%	
Trawls and Seines: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	16-31	IIIa	IIA, 3B1	TR3*	cod	0.4%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
					haddock	3.1%	0.0%	2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	0.0%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
					Nephrops	-	-	-	-	-	-	0.0%	0.0%	0.0%	-	-	-	-	-	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
					Northern prawn	-	-	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	0.0%	-	-	-	-	-	-	-	-
					plaice	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
					saithe	0.1%	0.0%	0.1%	-	-	-	0.1%	0.0%	0.1%	-	-	-	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%
					sole	-	-	-	-	-	-	-	-	-	0.0%	-	-	-	-	-	-	-	-	0.0%	-	-	-	-	-
					whiting	47.5%	0.0%	12.3%	6.8%	0.0%	3.8%	6.7%	0.0%	1.8%	10.0%	0.0%	2.5%	27.2%	0.0%	8.1%	6.7%	0.0%	2.8%	8.3%	0.0%	2.2%	0.0%	2.2%	

* In the 2016 STECF plenary report (STECF PLEN-16-03), landings and discards for mesh size range 32-69 mm (gear group 'Otter') were incorrectly estimated using data relating to gear group 'TR3' (mesh size range 16-31 mm). The correct estimates for mesh size range 32-69 mm are given under gear group 'Otter'. The estimates for TR3 presented here are retained for completeness. Cells are shaded grey because TR3 gear groups are not included in the joint recommendations for 2018 discard plans.

Table 2.3 South Western Waters: The contribution (%) of each fleet segment identified under the Member States' joint recommendations to total catches and discards of the species-area combination.

Fishery	Gear	Mesh size	LO	ICES area	STECF Annex/area	STECF gear	2013			2014			2015			2016			Average (13-14)			Average (14-15)			Average (15-16)			
							Landings (t)	Discards (t)	Catch (t)	Landings (t)	Discards (t)	Catch (t)	Landings (t)	Discards (t)	Catch (t)	Landings (t)	Discards (t)	Catch (t)	Landings (t)	Discards (t)	Catch (t)	Landings (t)	Discards (t)	Catch (t)	Landings (t)	Discards (t)	Catch (t)	
Common Sole	All bottom trawls: OTB, OTT, PTB, TBN, TBS, TB, OT, PT, TX	70-100mm	All catches of common sole are subject to the LO	Villa, b, d and e	BoB, 8A-B	OTTER	24.3%	73.1%	25.3%	28.9%	76.3%	31.3%	23.9%	32.0%	24.1%	24.4%	80.6%	26.9%	26.6%	74.7%	28%	26.4%	54.1%	28%	24.2%	56.3%	26%	
	All beam trawls (TBB)	70-100					8.6%	0.9%	8.4%	7.8%	6.3%	7.7%	8.0%	10.7%	8.0%	8.5%	3.0%	8.2%	8.2%	3.6%	8%	7.9%	8.5%	8%	8.2%	6.8%	8%	
	All trammel and gill nets: GNS, GN, GND, GNC, GTN, GEN, GTR	>=100m					4.1%	0.1%	4.0%	1.5%	0.9%	1.5%	1.6%	0.0%	1.6%	1.7%	0.0%	1.7%	2.8%	0.5%	3%	1.6%	0.4%	2%	1.7%	0.0%	2%	
	Overall netters						66.7%	26.0%	65.9%	62.6%	17.4%	60.3%	67.4%	57.3%	67.1%	66.5%	16.5%	64.3%	64.6%	21.7%	63%	65.0%	37.4%	64%	67.0%	64%	67.0%	36.9%
Hake	All bottom trawls: OTB, OTT, PTB, TBN, TBS, TB, OT, PT, TX	>=100	All catches of hake are subject to the LO	Villa, b, d and e	BoB, 8A-B	OTTER	21.4%	62.8%	28.0%	20.2%	51.5%	24.4%	19.6%	34.1%	21.3%	20.4%	86.1%	29.0%	20.8%	57.2%	26%	19.9%	42.8%	23%	20.0%	60.1%	25%	
	All longlines: LL, LLS	All					20.4%	5.7%	18.1%	19.5%	0.0%	16.9%	18.9%	0.0%	16.7%	20.4%	0.1%	17.8%	20.0%	2.9%	17%	19.2%	0.0%	17%	19.7%	0.1%	17%	
	All gill nets: GNS, GN, GND, GNC, GTN, GEN	>=100m					49.9%	19.6%	45.1%	44.0%	13.1%	39.9%	44.2%	56.5%	45.6%	39.8%	6.9%	35.5%	47.0%	16.4%	42%	44.1%	34.8%	43%	42.0%	31.7%	41%	
	Overall netters						1.1%	2.7%	1.3%	1.4%	3.8%	1.7%	1.1%	7.7%	1.9%	1.3%	5.4%	1.8%	1.2%	3.3%	2%	1.3%	5.8%	2%	1.2%	6.6%	2%	
Nephrops	All bottom trawls: OTB, OTT, PTB, TBN, TBS, TB, OT, PT, TX	>=70	All catches of Norway lobster are subject to the LO	Villa, b, d and e	BoB, 8A-B	OTTER	99.0%	100.0%	99.4%	99.8%	100.0%	99.8%	99.8%	100.0%	99.8%	99.9%	100.0%	99.9%	99.4%	100.0%	100%	99.8%	100.0%	100%	99.8%	100.0%	100%	
Anglerfish	All gill nets: GNS, GN, GND, GNC, GTN, GEN	>=170mm	All catches of anglerfish are subject to the LO	Villa, b, d and e	BoB, 8A-B	GILL	11.7%	7.1%	11.4%	7.3%	0.2%	6.3%	7.8%	0.7%	6.7%	5.8%	0.6%	5.4%	9.5%	3.6%	9%	7.6%	0.5%	7%	6.8%	0.6%	6%	
Nephrops	All bottom trawls: OTB, OTT, PTB, TBN, TBS, TB, OT, PT, TX	>=70	All catches of Norway lobster are subject to the LO	VIIc and IXa	IIb, 8C-9A	3a (OTTER>=32mm)	90.8%	91.2%	90.8%	97.1%	-	97.1%	99.3%	-	99.3%	92.6%	100.0%	92.6%	94.0%	91.2%	94%	98.2%	-	98%	95.9%	100.0%	96%	
Hake	Trawls and Seines: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	>=70mm	All catches of hake are subject to the LO for vessels that fulfil the following cumulative criteria: 1. Use mesh size larger or equal to 70 mm, 2. Total hake landings in the period 2014/2015 consist of: more than 5% of all landed species and more than 5 metric tons.	VIIc and IXa	IIb, 8C-9A	3a (OTTER>=32mm)	48.5%	98.9%	65.0%	50.6%	96.8%	62.7%	56.8%	98.4%	62.8%	52.7%	98.8%	62.5%	49.6%	97.8%	64%	53.7%	97.6%	63%	54.7%	98.6%	63%	
	All gill nets: GNS, GN, GND, GNC, GTN, GEN	80-99	All catches of hake are subject to the LO				3B (Gillnets >=60mm)	29.8%	0.5%	20.2%	27.7%	2.6%	21.1%	25.8%	0.0%	22.1%	29.1%	0.6%	23.0%	28.7%	1.6%	21%	26.8%	1.3%	22%	27.5%	0.3%	23%
							3T (Trammel nets)	6.6%	0.0%	4.5%	2.4%	0.0%	1.7%	1.1%	0.0%	1.0%	2.0%	0.0%	1.5%	4.5%	0.0%	3%	1.7%	0.0%	1%	1.5%	0.0%	1%
							Overall netters	36.5%	0.5%	24.7%	30.0%	2.6%	22.8%	27.0%	0.0%	23.1%	31.0%	0.6%	24.5%	33.2%	1.6%	24%	28.2%	1.3%	23%	29.0%	0.3%	24%
			All longlines (LL, LLS)	Hook size > 3.85+/-1.15 length and 1.6+/-0.4	All catches of hake are subject to the LO	3C (Longlines)	10.5%	0.0%	7.1%	16.1%	0.0%	11.9%	13.4%	0.0%	11.4%	13.6%	0.0%	10.7%	13.3%	0.0%	9%	14.7%	0.0%	12%	13.5%	0.0%	11%	
Anglerfish	All gill nets: GNS, GN, GND, GNC, GTN, GEN	>=170mm	All catches of anglerfish are subject to the LO	VIIc and IXa	IIb, 8C-9A	3B (Gillnets >=60mm)	33.8%	0.0%	31.9%	39.6%	-	39.6%	37.5%	-	37.5%	29.5%	98.0%	30.5%	36.7%	0.0%	36%	38.0%	-	39%	33.5%	98.0%	34%	

Table 2.3 (cont) **South Western Waters:** The contribution (%) of each fleet segment identified under the Member States' joint recommendations to total catches and discards of the species-area combination.

Fishery	Gear	Mesh size	LO	ICES area	STECF Annex/area	STECF gear	2013			2014			2015			2016			Average (13-14)			Average (14-15)			Average (15-16)				
							Landings (t)	Discards (t)	Catch (t)	Landings (t)	Discards (t)	Catch (t)	Landings (t)	Discards (t)	Catch (t)	Landings (t)	Discards (t)	Catch (t)	Landings (t)	Discards (t)	Catch (t)	Landings (t)	Discards (t)	Catch (t)	Landings (t)	Discards (t)	Catch (t)		
Common sole	All trammel and gill nets: GNS, GN, GND, GNC, GTN, GEN, GTR	>=100mm	All catches of common sole are subject to the LO	IXa	WW, 9EU	GILL	3.0%	-	3.0%	4.4%	0.0%	4.4%	5.7%	-	5.7%	1.6%	-	1.6%	3.7%	0.0%	4%	5.0%	0.0%	5%	3.6%	-	4%		
						TRAMMEL	62.6%	-	49.1%	62.0%	0.0%	61.5%	70.4%	-	70.4%	71.1%	-	71.1%	62.3%	0.0%	55%	66.2%	0.0%	66%	70.8%	-	71%		
						Overall netters	65.6%	-	65.6%	66.4%	0.0%	65.9%	76.1%	-	76.1%	72.8%	-	72.8%	66.0%	0.0%	66%	71.2%	0.0%	71%	74.4%	-	74%		
Plaice	All trammel and gill nets: GNS, GN, GND, GNC, GTN, GEN, GTR	>=100mm	All catches of plaice are subject to the LO	IXa	WW, 9EU	GILL	20.8%	-	20.8%	10.0%	-	10.0%	23.5%	-	23.5%	0.0%	-	0.0%	15.4%	-	15%	16.8%	-	17%	11.8%	-	12%		
						TRAMMEL	41.7%	-	41.7%	60.0%	-	60.0%	29.4%	-	29.4%	50.0%	-	50.0%	50.8%	-	51%	44.7%	-	45%	39.7%	-	40%		
						Overall netters	62.5%	-	62.5%	70.0%	-	70.0%	52.9%	-	52.9%	50.0%	-	50.0%	66.3%	-	66%	61.5%	-	61%	51.5%	-	51%		
Blue whiting	All bottom trawls and seines: OTT, OTB, PTB, OT, PT, TBN, TBS, TX, SSC, SPR, TB, SDN, SX, SV	All	All catches of blue whiting subject to the LO	VIIIc and IXa	IIB, 8C-9A	3a (OTT<=32mm)	99.3%	99.5%	99.4%	99.5%	99.0%	99.4%	99.7%	99.8%	99.7%	99.4%	98.2%	99.2%	99.4%	99.3%	99%	99.6%	99.4%	100%	99.5%	99.0%	99%		
						DEM_SEINE	-	0.0%	-	-	-	-	-	-	-	-	-	-	-	0.0%	-	-	-	-	-	-	-	-	-
						OTT (<32mm or no mesh given)	0.3%	0.4%	0.4%	0.3%	0.8%	0.4%	0.2%	0.2%	0.2%	0.3%	1.8%	0.5%	0.3%	0.6%	0%	0.2%	0.5%	0%	0.2%	1.0%	0%		
						Overall trawls and seines	99.3%	99.5%	99.4%	99.5%	99.0%	99.4%	99.7%	99.8%	99.7%	99.4%	98.2%	99.2%	99.4%	99.3%	99%	99.6%	99.4%	100%	99.5%	99.0%	99%		
Black scabbardfish	Deepwater set-longlines: LLS_DWS		All catches of black scabbardfish are subject to the landing obligation for vessels which fulfill the following criterion: total black scabbardfish landings in the period 2014/2015 consist of more than 20% of all landed species.	VIIIc, IX, X, CECAF 34.1.2	IIB, 8C-9A, WW, 10 EU, 34.1.2 EU	3C (longlines) (IIB, 8C-9A)	20.0%	0.0%	2.6%	100.0%	-	100.0%	100.0%	-	100.0%	100.0%	-	100.0%	60.0%	0.0%	51%	100.0%	-	100%	100.0%	-	100%		
						LONGLINE (WW, 10 EU, 34.1.2 EU)	-	-	-	-	-	-	100.0%	-	100.0%	100.0%	-	100.0%	-	-	100.0%	-	100.0%	-	100%	100.0%	-	100%	
						3C(IIB, 8C-9A) & LONGLINE (WW, 10 EU, 34.1.2 EU) combined	3.7%	0.0%	1.6%	100.0%	-	100.0%	100.0%	-	100.0%	100.0%	-	100.0%	51.8%	0.0%	51%	100.0%	-	100%	100.0%	-	100%		
Red seabream	Deepwater set-longlines: LLS_DWS	Hook size > 3.95cm length and 1.65cm width	All catches of red seabream are subject to the landing obligation for vessels which fulfill the following criterion: total Red Seabream landings in the period 2014/2015 consist of more than 20% of all landed species.	IX	WW, 9 EU	LONGLINE	39.1%	0.0%	38.1%	70.7%	0.0%	70.0%	61.0%	-	61.0%	61.8%	0.0%	61.7%	54.9%	0.0%	54%	65.8%	0.0%	65%	61.4%	0.0%	61%		

3. Landings, discards and discard rates by fleet and fishery subject to LO

Tables 3.1 to 3.3 give the landings and discards in tonnes and discard rate by fleet and fishery subject to the landings obligation using the FDI data. Cells highlighted in blue indicate species and/or areas and/or gears brought under the landings obligation in 2018. Text in red highlights more detailed changes.

Table 3.1 North Western Waters: Landings and discards (in tonnes) and discard rates for the fisheries and species subject to the landings obligation.

Fisheries	Gear	Mesh Size	LO	ICES area	STECF Annex / Area	Gear	2013			2014			2015			2016			Mean DR (13 14)	Mean DR (14 15)	Mean DR (15 16)			
							Landings	Discards	DR	Landings	Discards	DR	Landings	Discards	DR	Landings	Discards	DR						
Gadoids (haddock)	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT,PT, TX	All	Where total landings per vessel of all species in 2015 and 2016 consist of more than 5% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to haddock and by-catch of sole, plaice and megrims.	Vb and Via	IIa, 3D (Via+Vb)	TR1	4521.9	184	4%	3858.8	204.3	5%	3789.8	231.5	6%	3978.5	321.6	7%	4%	5%	7%			
						TR2	159.6	844.2	84%	95	661.6	87%	76.6	1234	94%	236.4	2808.3	92%	86%	92%	93%			
						TR3	0.3	0	0%	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
						OTTER	1.3	0	0%	6.6	--	0%	1.9	--	0%	0.1	--	0%	--	--	--	--	--	
						DEM_SEINE	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
						Overall trawls	4683.1	1028.2	18%	3960.4	865.9	18%	3868.3	1465.5	27%	4215	3129.9	43%	18%	23%	36%			
Gadoids (plaice)	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT,PT, TX	All	Where total landings per vessel of all species in 2015 and 2016 consist of more than 5% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to haddock and by-catch of sole, plaice and megrims.	Vb and Via	IIa, 3D (Via+Vb)	TR1	58	16.9	23%	62.2	48.6	44%	71	54.2	43%	95.4	44.4	32%	35%	44%	37%			
						TR2	6.5	217.1	97%	8.5	226.8	96%	6	298.1	98%	3.9	142.6	97%	97%	97%	98%			
						TR3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
						OTTER	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	--	
						DEM_SEINE	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	--	
						Overall trawls	64.5	234	78%	70.7	275.4	80%	77	352.3	82%	99.3	187	65%	79%	81%	75%			
Gadoids (sole)	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT,PT, TX	All	Where total landings per vessel of all species in 2015 and 2016 consist of more than 5% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to haddock and by-catch of sole, plaice and megrims.	Vb and Via	IIa, 3D (Via+Vb)	TR1	17.4	0.1	1%	9.6	0	0%	18.3	1	5%	31.7	0	0%	0%	3%	2%			
						TR2	1.8	0	0%	7.1	2.9	29%	1.8	10.2	85%	1.2	1.2	50%	25%	60%	79%			
						TR3	0.1	0	0%	--	--	--	--	--	--	--	--	--	--	--	--	--		
						OTTER	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--		
						DEM_SEINE	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--		
						Overall trawls	19.3	0.1	1%	16.7	2.9	15%	20.1	11.2	36%	32.9	1.2	4%	8%	28%	19%			
Gadoids (megrim)	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT,PT, TX	All	Where total landings per vessel of all species in 2015 and 2016 consist of more than 5% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to haddock and by-catch of sole, plaice and megrims.	Vb and Via	IIa, 3D (Via+Vb)	TR1	916	275.4	23%	893.6	61.9	6%	1090	51.4	5%	1415.1	32.6	2%	16%	5%	3%			
						TR2	12.2	1.2	9%	51.3	2.1	4%	22.2	30.6	58%	22.7	45.5	67%	5%	31%	63%			
						TR3	0.1	0	0%	--	--	--	--	--	--	--	--	--	--	--	--			
						OTTER	9.6	0	0%	--	--	--	--	--	--	--	--	--	--	--	--			
						DEM_SEINE	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--			
						Overall trawls, seines and pots	937.9	276.6	23%	944.9	64	6%	1112.2	82	7%	1437.8	78.1	5%	15%	7%	6%			
Nephrops	Trawls and Seines, pots, traps and creels: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT,PT, TX, FPO, FIX	All	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 20% of Norway lobster, the landing obligation shall apply to Norway lobster and by-catch of haddock, sole, plaice and megrim.	Vb and Via	IIa, 3D (Via+Vb)	POTS	1573.4	0	0%	1431.3	0	0%	1360.3	0	0%	1654.1	0	0%	0%	0%				
						TR1	1041.6	0	0%	1058.1	0	0%	1361.9	98.7	7%	1747.1	0	0%	0%	4%	3%			
						TR2	10232	0	0%	10301.3	713.6	6%	9121.3	472.5	5%	11283.7	0	0%	3%	6%	2%			
						OTTER	14.3	0	0%	3.9	0	0%	1.5	0	0%	60.7	0	0%	0%	0%	0%			
						DEM_SEINE	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--			
						Overall trawls, seines and pots	12861.3	0	0%	12794.6	713.6	5%	11845	571.2	5%	14745.6	0	0%	3%	5%	2%			
Saithe	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT,PT, TX	≥100	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 50% of saithe, the landing obligation shall apply.	Vb and VI	IIa, 3D (Via+Vb)	TR1	6980.9	1304.5	16%	5705.2	492	8%	6951.8	228.3	3%	5253.8	169.4	3%	12%	5%	3%			
Black scabbardfish	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	≥100 mm	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 20% of black scabbardfish, the landing obligation shall apply to black scabbardfish.	Vb and VI	IIa, 3D (Via+Vb)	TR1	2208.2	0	0%	2152.9	8.2	0%	2151.8	5.4	0%	2496.5	1.7	0%	0%	0%	0%			
Blue ling	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	≥100 mm	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 20% of blue ling, the landing obligation shall apply to blue ling.	Vb and VI	IIa, 3D (Via+Vb)	TR1	1840	0.4	0%	1806.5	2.1	0%	1493.7	3.4	0%	1456.7	7.9	1%	0%	0%	0%			
Grenadiers	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, OTM, PTM, TB, SX, SV, OT, PT, TX	≥100 mm	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 20% of grenadiers, the landing obligation shall apply to grenadiers.	Vb and VI	IIa, 3D (Via+Vb)	TR1	881.2	60.3	6%	662.9	59.5	8%	393.8	20.9	5%	434.8	35	7%	7%	7%	6%			

Table 3.1 (cont) **North Western Waters:** Landings and discards (in tonnes) and discard rates for the fisheries and species subject to the landings obligation.

Fisheries	Gear	Mesh Size	LO	ICES area	STECF Annex / Area	Gear	2013			2014			2015			2016			Mean DR (13 14)	Mean DR (14 15)	Mean DR (15 16)					
							Landings	Discards	DR	Landings	Discards	DR	Landings	Discards	DR	Landings	Discards	DR								
Hake	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT,PT, TX	All	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 10% of hake, the landing obligation shall apply to hake.	VI, VII and Vb	Cel1, 7BCFEGHJK	TR1	4994.6	7987.6	62%	5389	1721.3	24%	5838.5	1305.5	18%	5988.6	1140.5	16%	48%	21%	17%					
						TR2	737.1	2755.2	79%	1131.1	1873.1	62%	1027	1877.4	65%	1645.3	1392.6	46%	71%	63%	55%					
						TR3	0	2.3	100%	0.5	0	0%	0.4	0	0%	0	0	0%	82%	0%	0%					
						OTTER	21	67.2	76%	24.1	9.5	28%	51.3	1	2%	72.1	0	0%	63%	12%	1%					
						DEM_SEINE	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
						TR1	2.8	0	0%	0	0	0%	0	0	0%	1	0%	0%	0%	0%	0%					
						TR2	0.5	0	0%	1.5	0	0%	0.7	0	0%	0.7	0%	0%	0%	0%	0%					
						TR3	--	--	--	0.2	--	0%	--	--	--	--	--	--	0%	0%	0%					
						OTTER	0	--	--	0.8	--	0%	0.1	--	0%	--	--	--	--	--	0%					
						DEM_SEINE	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
						TR1	7.8	0.6	7%	6.3	0	0%	102.3	0.6	1%	98.2	0.1	0%	4%	1%	0%					
						TR2	54.5	3.4	6%	21.9	0.9	4%	11.6	1.1	9%	8.1	0	0%	5%	6%	5%					
	TR3	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--										
	OTTER	--	--	--	0	--	--	--	--	--	0.5	0%	--	--	--											
	DEM_SEINE	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--							
	TR1	2832.3	1308.2	32%	2719.6	1052.7	28%	2627.9	175.9	6%	2892.3	178.7	6%	30%	19%	6%										
	TR2	18.8	351.1	95%	12.9	66.5	84%	7.9	76.3	91%	9.8	78.6	89%	93%	87%	90%										
	TR3	0	0.1	100%	--	--	--	--	--	--	--	--	--	--	--	--										
	OTTER	108.6	--	0%	--	--	--	--	--	--	--	--	--	--	--	--										
	DEM_SEINE	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--							
	Overall trawls							8778	12475.7	59%	9307.9	4724	34%	9667.7	3437.8	26%	10716.6	2790.5	21%	49%	30%	23%				
	All gillnets: GNS, GN, GND, GNC, GTN, GTR, GEN	All catches of hake shall be subject to the LO	VI, VII and Vb	All catches of hake shall be subject to the LO	Cel1, 7BCFEGHJK	GN1	8371	83	1%	12486.9	178.2	1%	14047.6	210.1	1%	14525.4	1052.7	7%	1%	1%	4%					
						GT1	45.1	142.7	76%	60.5	39.3	39%	50.8	8.5	14%	77	158.6	67%	63%	30%	57%					
						GN1	3.2	0	0%	0	0	0%	0	0	0%	0	0	0%	0%	0%						
GT1						0.1	0	0%	0.4	0	0%	0	0	0%	0	0	0%	0%								
GN1						0.5	0	0%	1.5	0	0%	1.9	0	0%	2.4	0	0%	0%	0%	0%						
GT1						0.9	0	0%	0.1	0	0%	--	--	--	--	--	0%	0%	0%							
GN1						855.3	0	0%	1105.2	0	0%	140.1	0	0%	7.1	0	0%	0%	0%	0%						
GT1						No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	--				
Overall netters							9276.1	225.7	2%	13654.6	217.5	2%	14240.4	218.6	2%	14611.9	1211.3	8%	2%	2%	5%					
Longlines: LL, LLS, LLD, LX, LTL, LHP, LHM						All catches of hake shall be subject to the LO	VI, VII and Vb	All catches of hake shall be subject to the LO	Cel1, 7BCFEGHJK	LL1	14782.8	0	0%	19499.4	0	0%	21595.2	0	0%	23948.7	0	0%	0%	0%	0%	
										IIa, 3B3 (Vliid)	LL1	1.1	0	0%	4.8	0	0%	--	--	--	--	--	0%	0%	0%	
										IIa, 3C (Vlia)	LL1	--	--	--	--	--	3.7	0%	0.3	0%	0	0%	0%	0%		
	IIa, 3D (Vla+Vb)	LL1	4524.2	0.5	0%					7680.9	3.7	0%	7508.1	23.2	0%	7726.8	0	0%	0%	0%						
	Overall longlines									19308.1	0.5	0%	27185.1	3.7	0%	29107	23.2	0%	31675.8	0	0%	0%	0%			
	Megrim	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT,PT, TX, FPO, FIX	<100mm	Where the total landings per vessel of all species in 2014 and 2015 consist of more than 20% of megrim, the landing obligation shall apply to megrims.	VI, VII and Vb					Cel1, 7BCFEGHJK	TR2	3344.8	2601.6	44%	3451.1	2197.9	39%	2370	1434.1	38%	3876.6	2458.9	39%	41%	38%	38%
TR3						0	0.8	100%	0.2		0	0%	3.8	0	0%	0.1	0	0%	80%	0%	0%					
OTTER						9.2	10.5	53%	10.4		0.2	2%	7.8	1.6	17%	6.3	0	0%	35%	9%	10%					
DEM_SEINE						No STECF data			--		--	--	--	--	--	--	--	--	--	--	--	--	--			
TR2						0.5	0	0%	0.5		0	0%	0	0	0%	0.2	0	0%	0%	0%	0%					
TR3						No STECF data			--		--	--	--	--	--	--	--	--	--	--	--	--	--			
OTTER						--	--	--	--		--	--	0	--	--	0.3	--	--	--	--	--	--				
DEM_SEINE						No STECF data			--		--	--	--	--	--	--	--	--	--	--	--	--	--			
TR2						3.7	5.4	59%	2.1		2.8	57%	1	0.7	41%	1.9	0	0%	59%	53%	19%					
TR3						No STECF data			--		--	--	--	--	--	--	--	--	--	--	--	--				
OTTER						No STECF data			--		--	--	--	--	--	--	--	--	--	--	--	--				
DEM_SEINE						No STECF data			--		--	--	--	--	--	--	--	--	--	--	--	--	--			
TR2		12.2	1.2	9%	51.3	2.1	4%	22.2	30.6	58%	22.7	45.5	67%	5%	31%	63%										
TR3		0.1	0	0%	--	--	--	--	--	--	--	--	--	--	--	--										
OTTER		9.6	0	0%	--	--	--	--	--	--	--	--	--	--	--	--										
DEM_SEINE		No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	--								
Overall Trawls <100mm							3380.1	2619.5	44%	3515.6	2203	39%	2404.8	1467	38%	3908.1	2504.4	39%	41%	38%	39%					

Table 3.1 (cont) **North Western Waters:** Landings and discards (in tonnes) and discard rates for the fisheries and species subject to the landings obligation.

Fisheries	Gear	Mesh Size	LO	ICES area	STECF Annex / Area	Gear	2013			2014			2015			2016			Mean DR (13	Mean DR (14	Mean DR (15		
							Landings	Discards	DR	Landings	Discards	DR	Landings	Discards	DR	Landings	Discards	DR	14)	15)	16)		
Nephrops	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT,PT, TX, FPO, FIX	All	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 10% of Norway lobster, the landing obligation shall apply to Norway lobster.	VII	Cell1, 7BCEFGHJK	TR1	2428.3	573.6	19%	3025.1	628.1	17%	2940.5	200.9	6%	3676.9	571.2	13%	18%	12%	10%		
						TR2	4805.6	769.8	14%	4197.6	517.8	11%	3834.3	206.1	5%	5709.3	754.2	12%	13%	8%	9%		
						TR3	1.5	0.2	12%	--	--	--	--	--	--	0.4	0.1	20%	--	--	--	--	--
						OTTER	6.9	0.5	7%	6.7	0	0%	1.9	0%	2.2	0%	4%	0%	0%	0%			
						DEM_SEINE	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	--
						POTS	10.2	--	0%	5.2	0%	2	0%	2.5	0%	0%	0%	0%	0%	0%	0%		
						TR1	0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--
						TR2	0	--	--	0.2	0%	0.1	0%	3.6	0%	--	--	--	--	--	--	--	--
						TR3	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	--
						OTTER	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	--
						DEM_SEINE	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	--
						POTS	0	--	--	--	--	--	--	0	--	--	--	--	--	--	--	--	--
						TR1	85.1	21.4	20%	26.4	3.8	13%	56.1	21.9	28%	41.5	15.5	27%	18%	24%	28%		
						TR2	9549.2	2207.2	19%	9362.1	1844.7	16%	8862.7	2247.8	20%	7599.7	1905.9	20%	18%	18%	20%		
						TR3	--	--	--	0.3	0	0%	2.9	0.9	24%	--	--	--	--	--	22%		
OTTER	0	--	--	5.9	0.8	12%	0.8	0.1	11%	24.6	7.1	22%	12%	12%	22%								
DEM_SEINE	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	--						
POTS	12.6	--	0%	7.7	0	0%	10.2	0%	14	0%	0%	0%	0%	0%									
Overall trawls, seines and pots							16899.4	3572.7	17%	16637.2	2995.2	15%	15711.5	2677.7	15%	17074.7	3254	16%	16%	15%	15%		
Gadoids (haddock)	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT,PT, TX	All	All catches of haddock shall be subject to the landing obligation. Where total landings per vessel of all species in 2015 and 2016 consist of more than 10% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to haddock.	Vila	Ila, 3C (Vila)	TR1	78.5	5.1	6%	384.4	9.4	2%	584.9	37.9	6%	776.1	47.9	6%	3%	5%	6%		
						TR2	109.3	243.5	69%	84.3	543.2	87%	189.2	485.8	72%	216.1	101.6	32%	80%	79%	59%		
						TR3	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	
						OTTER	--	--	--	0	0	--	0	0	--	2.6	0.1	4%	--	--	4%		
						DEM_SEINE	No STECF data			--	--	--	--	--	--	--	--	--	--	--	--	--	
						Overall trawls							187.8	248.6	57%	468.7	552.6	54%	774.1	523.7	40%	994.8	149.6
Common sole	All beam trawls (TB8)	All	All catches of common sole are subject to the LO	Vilid	Ila, 3B3 (Vilid)	BT1	14.2	--	0%	3	0%	--	--	--	--	--	--	--	--	0%			
						BT2	1250.4	148.6	11%	1609.9	141.8	8%	1165.9	110.1	9%	933.1	55.8	6%	9%	8%	7%		
						BEAM	1.7	--	0%	0.9	0.1	10%	0.2	--	0%	2	0.1	5%	4%	8%	4%		
						Overall Beam							1266.3	148.6	11%	1613.8	141.9	8%	1166.1	110.1	9%	935.1	55.9
	Trawls: OTB, OTT, TBS, TBN, TB, PTB, OT, PT, TX	<100mm	All catches of common sole shall be subject to the landing obligation	Vilid	Ila, 3B3 (Vilid)	TR2	556.8	774.2	58%	540.7	365.2	40%	455.3	88.4	16%	369.6	594	62%	51%	31%	45%		
						TR3	2.4	--	0%	4.4	3.1	41%	3.5	0.5	13%	3.1	7.7	71%	31%	31%	55%		
						OTTER	12.7	1.8	12%	20.2	16.1	44%	18.8	2.2	10%	15.2	31.8	68%	35%	32%	50%		
	DEM_SEINE							No STECF data			--	--	--	--	--	--	--	--	--				
	Overall trawls <100mm							571.9	776	58%	565.3	384.4	40%	477.6	91.1	16%	387.9	633.5	62%	51%	31%	46%	
	All trammel and gillnets: GNS, GN, GND, GNC, GTN, GTR, GEN	All	All catches of common sole are subject to LO	Vilid	Ila, 3B3 (Vilid)	GN1	209	0.4	0%	239.6	0.3	0%	192	2.4	1%	152	8.5	5%	0%	1%	3%		
GT1						1949.2	63.6	3%	1928.6	22.8	1%	1371.3	27.3	2%	943.7	38.2	4%	2%	1%	3%			
Overall netters							2158.2	64	3%	2168.2	23.1	1%	1563.3	29.7	2%	1095.7	46.7	4%	2%	1%	3%		
Gadoids (whiting)	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT,PT, TX	All	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 10% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to whiting.	Vilid	Ila, 3B3 (Vilid)	TR1	118.4	38.9	25%	21.9	36.6	63%	11.8	0%	8.1	13.1	62%	35%	52%	40%			
						TR2	3815.8	3377	47%	2903.3	11613.6	80%	3855.1	3044.6	44%	3452.2	5622.8	62%	69%	68%	54%		
						TR3	0.7	0	0%	9.1	36	80%	7.4	0.6	8%	1.1	4.3	80%	79%	69%	37%		
						OTTER	1.6	11.4	88%	10.8	34.5	76%	29.3	13.4	31%	29.1	47.3	62%	79%	54%	51%		
						DEM_SEINE	0.5	--	0%	1.4	0%	--	--	--	--	--	--	--	--	--	0%		
						Overall trawls and seines							3937	3427.3	47%	2946.5	11720.7	80%	3903.6	3058.6	44%	3490.5	5687.5

Table 3.1 (cont) **North Western Waters:** Landings and discards (in tonnes) and discard rates for the fisheries and species subject to the landings obligation.

Fisheries	Gear	Mesh Size	LO	ICES area	STECF Annex / Area	Gear	2013			2014			2015			2016			Mean DR (13 14)	Mean DR (14 15)	Mean DR (15 16)	
							Landings	Discards	DR	Landings	Discards	DR	Landings	Discards	DR	Landings	Discards	DR				
Pollack	All trammel & gillnets: GNS, GN, GND, GNC, GTN, GTR, GEN	All	All catches of pollack shall be subject to the landing obligation.	Vilid, Vile	Ila, 3B3 (Vilid)	GN1	36.2		0%	19.6		0%	13.7		0%	18.1	0	0%	0%	0%	0%	
						GT1	16.8	0.1	1%	11.6	0.1	1%	8	0	0%	8.2	0	0%	1%	1%	0%	
						IIC, 7E	657.8	70.6	10%	1033.6	7.2	1%	530.5	5.2	1%	870.7	16.9	2%	4%	1%	2%	
						Overall netters	710.8	70.7	9%	1064.8	7.3	1%	552.2	5.2	1%	897	16.9	2%	4%	1%	2%	
Common Sole	All beam trawls (TBB)	All	All catches of common sole shall be subject to the landing obligation	Vile	IIC, 7E	3a (TBB>=80mm)	473.5	1	0%	463.4	7.7	2%	469.1	3.2	1%	577.7	13.7	2%	1%	1%	2%	
						BEAM	0.5		0%	1.1		0%	0.3		0%	1.6	0	0%	0%	0%	0%	
	Overall beam trawls	474	1	0%	464.5	7.7	2%	469.4	3.2	1%	579.3	13.7	2%	1%	1%	2%						
	All trammel and gillnets: GNS, GN, GND, GNC, GTN, GTR GEN	All	All catches of common sole are subject to the LO	Vile	IIC, 7E	3b (GN+GT)	90	0.2	0%	77	0	0%	59.9	0	0%	70.3	0	0%	0%	0%	0%	
Common Sole	All beam trawls (TBB)	All	All catches of common sole shall be subject to the landing obligation	Vilb, c and f-k	Cel1, 7BCEFGHJK (includes sole in 7e)	BT1	1.5		0%	0.2		0%	--	--	--	--	--	0%				
						BT2	1460.2	26.9	2%	1475.3	28.8	2%	1296.2	142	10%	1408.4	47.4	3%	2%	6%	7%	
	BEAM	2.6		0%	5.7	0.1	2%	5.4	0.2	4%	9.2	0.3	3%	1%	3%	3%						
	Overall beam trawls	1464.3	26.9	2%	1481.2	28.9	2%	1301.6	142.2	10%	1417.6	47.7	3%	2%	6%	7%						
All trammel and gillnets: GNS, GN, GND, GNC, GTN, GTR GEN	All	All catches of common sole are subject to the LO	Vilb, c and f-k	Cel1, 7BCEFGHJK (includes sole in 7e)	GN1	56.5	0.2	0%	39.8	0	0%	29.5	0	0%	42.3	0	0%	0%	0%	0%		
GT1	49.2	0	0%	53.6	0	0%	40	0	0%	35.8	0	0%	0%	0%	0%	0%						
Overall netters	105.7	0.2	0%	93.4	0	0%	69.5	0	0%	78.1	0	0%	0%	0%	0%	0%						
Gadoids (whiting)	Trawls and Seines: OTB, SSC, OTT, PTB, SDN, SPR, TBN, TBS, TB, SX, SV, OT,PT, TX	All	Where the total landings per vessel of all species in 2015 and 2016 consist of more than 10% of the following gadoids: cod, haddock, whiting and saithe combined, the landing obligation shall apply to whiting.	Vilb, c, e and f-k	Cel1, 7BCEFGHJK	TR1	6699.1	1272.3	16%	7906.1	2886.5	27%	6463.6	3426.8	35%	6918.2	2353.3	25%	22%	31%	30%	
						TR2	4254	1120.7	21%	4405.4	2189.3	33%	5936.7	3433.1	37%	6857.1	2679.8	28%	28%	35%	32%	
						TR3	4.6	14.7	76%	0.3		0%	4.2		0%	1.1	16.9	94%	75%	0%	76%	
						OTTER	36.5	1.2	3%	2.6	2.3	47%	3.1	0	0%	0.8		0%	8%	29%	0%	
						DEM_SEINE	--	--	--	--	--	--	--	--	--	0	--	--	--	--	--	--
						Overall trawls	10994.2	2408.9	18%	12314.4	5078.1	29%	12407.6	6859.9	36%	13777.2	5050	27%	24%	33%	31%	

Table 3.2 **North Sea**: Landings and discards (in tonnes) and discard rates for the fisheries and species subject to the landings obligation.

Gear	Mesh size	ICES area	STECF Annex / Area	Gear	Stock/species	2013			2014			2015			2016		Mean DR (13-14)	Mean DR (14-15)	Mean DR (15-16)			
						Landings	Disc	DR	Landings	Disc	DR	Landings	Disc	DR	Landings	Disc				DR		
Trawls and Seines: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	>100	IV	IIA, 3B2	TR1	Plaice	22911.8	1776.1	7%	20344.3	1802	8%	26243.3	1730.4	6%	28137.3	801.3	3%	8%	7%	4%		
					cod	17999.8	5563.9	24%	20031.8	3696.3	16%	24761.1	5146	17%	27172.6	6864.2	20%	20%	16%	19%		
					Haddock	34014.5	1905.6	5%	31233.3	2723	8%	28326.2	2290.6	7%	28786.7	4261.1	13%	7%	8%	10%		
					Nephrops	1331.4	54.2	4%	3179.8	26.2	1%	2080.9	40.4	2%	4525.1	1	0%	2%	1%	1%		
					Northern prawn	0.4	0	0%	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					Saithe	34534.6	6676	16%	30965.8	5666.8	15%	35485.7	4249.8	11%	31358.3	9027.3	22%	16%	13%	17%		
					Sole	44.1	0	0%	31.7	3.9	11%	40.4	8.3	17%	58.5	155.2	73%	5%	14%	62%		
					whiting	9554.6	1879.7	16%	9180.7	2036.6	18%	9289.5	2529.2	21%	9134.5	2992.3	25%	17%	20%	23%		
					Trawls and Seines: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	>100	IIIa	IIA, 3B1	TR1	Plaice	4798.6	640.1	12%	6449	546.1	8%	6110.6	293.2	5%	5059.7	409.2	7%
cod	1592.2	503.8	24%	1616.9						655.2	29%	1521	1080.4	42%	1688.7	703	29%	27%	36%	36%		
Haddock	1154.1	50.2	4%	1270.7						36.3	3%	781	50.1	6%	777.3	10.5	1%	3%	4%	4%		
Nephrops	19.6	34.2	64%	41.6						27.1	39%	45.5	27.6	38%	51.9	8.8	14%	50%	39%	27%		
Northern prawn	--	--	--	--						--	--	0	0	--	0.9	0	0%	--	--	0%		
Saithe	1770.1	78.1	4%	446.1						18.8	4%	197.5	33.6	15%	339.3	16.2	5%	4%	8%	8%		
sole	7	0.6	8%	9.6						0	0%	17.9	0.1	1%	12.5	0.4	3%	3%	0%	2%		
whiting	6	105	95%	9.1						36.9	80%	16.4	79.5	83%	38.6	102.5	73%	90%	82%	77%		
cod	478.8	483	50%	829						2233.8	73%	790.6	2719.1	77%	286	1618.2	85%	68%	75%	80%		
Trawls and Seines: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	70-99	IV	IIA, 3B2	TR2	Haddock	1265.7	88.8	7%	791.2	1136.9	59%	376	2398.6	86%	164.6	1237.6	88%	37%	75%	87%		
					Nephrops	9273.8	1265.9	12%	10569	460.5	4%	7269.6	4846.1	40%	8502.7	3776.5	31%	8%	23%	35%		
					Northern prawn	--	--	--	0.1	--	0%	--	--	--	--	--	--	--	--	--		
					Sole	272.9	6.2	2%	272.3	13	5%	280.8	121.9	30%	210	70.2	25%	3%	20%	28%		
					whiting	2752.5	9670.1	78%	3098.8	10477.7	77%	2129.7	11403	84%	2050.6	3725.1	64%	77%	81%	78%		
					cod	1144.3	861.1	43%	1166.1	995.7	46%	806.9	1084.9	57%	819.2	582.6	42%	45%	51%	51%		
					Haddock	661.9	93.4	12%	784.8	52.6	6%	487.3	48.8	9%	213.5	21.8	9%	9%	7%	9%		
					Nephrops	1761.1	1665.1	49%	2390.9	1011.6	30%	1630.2	544.4	25%	2780.6	149.4	5%	39%	28%	14%		
					Northern prawn	1.1	0	0%	0.5	0	0%	1.6	0.4	0%	0.3	0	0%	0%	16%	17%		
Trawls and Seines: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	70-99	IIIa	IIA, 3B1	TR2	Sole	32.8	2.9	8%	44.5	1.4	3%	22.9	0.2	1%	22	1.6	7%	5%	2%	4%		
					whiting	30	280.1	90%	51.7	119.7	70%	72.3	409.2	85%	108.1	584.5	84%	83%	81%	85%		
					cod	45.2	0	0%	26.2	0	0%	26.8	5.5	17%	30.7	1	3%	0%	9%	10%		
					haddock	7.7	0	0%	15.5	0	0%	16.4	0	0%	45.6	0	0%	0%	0%	0%		
					Nephrops	10.9	0	0%	6.8	0	0%	3.2	0	0%	24.4	0	0%	0%	0%	0%		
					Northern prawn	146.5	28.9	16%	152.8	68.9	31%	303.7	46.8	13%	276.5	11.5	4%	25%	20%	9%		
					plaice	1.4	0	0%	7.6	0	0%	64.6	0	0%	12.9	0	0%	0%	0%	0%		
					saithe	57.8	0	0%	32.3	0	0%	65	0	0%	63.7	0	0%	0%	0%	0%		
					sole	0.3	0	0%	0.1	0	0%	0.4	0	0%	0	0	--	0%	0%	0%		
Trawls and Seines: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	32-69	IV	IIA, 3B2	OTTER	whiting	632.1	0	0%	199.6	0.4	0%	249.2	687.1	73%	19.3	0	0%	0%	61%	72%		
					cod	142	30.5	18%	243.4	59.6	20%	230.1	49.7	18%	286.3	22.3	7%	19%	19%	12%		
					haddock	26	3.3	11%	31.4	1	3%	19.3	1.3	6%	17.1	0.4	2%	7%	4%	4%		
					Nephrops	6.8	0.6	8%	6.5	2.2	25%	6	0.7	10%	6.7	1.3	16%	17%	19%	14%		
					Northern prawn	2695.9	346.7	11%	3322.1	927.1	22%	3453.4	550.2	14%	3535.1	113.8	3%	17%	18%	9%		
					plaice	2.7	1.5	36%	8.2	0.5	6%	3.5	0.4	10%	7.9	3.9	33%	16%	7%	27%		
					saithe	345.9	2.3	1%	335.5	91.1	21%	257.6	8.5	3%	317.6	54.3	15%	12%	14%	10%		
					sole	0	0	--	0	0	--	0	0	--	0	0	--	--	--	--		
					whiting	0.1	8.2	99%	2.7	3.8	58%	1.5	234.7	99%	1.2	87	99%	81%	98%	99%		

Table 3.2 (cont) **North Sea:** Landings and discards (in tonnes) and discard rates for the fisheries and species subject to the landings obligation.

Gear	Mesh size	ICES area	STECF Annex / Area	Gear	Stock/species	2013			2014			2015			2016			Mean DR (13-14)	Mean DR (14-15)	Mean DR (15-16)	
						Landings	Disc	DR	Landings	Disc	DR	Landings	Disc	DR	Landings	Disc	DR				
Beam trawlers	>120	IV	IIA, 3B2	BT1	Plaice	9543.3	121.7	1%	9193.2		0%	5868.3	302.1	5%	10445	1135.5	10%	1%	2%	8%	
					cod	935.3	450.9	33%	1075.6		0%	983.2	56.7	5%	1062.4	231.3	18%	18%	3%	12%	
					haddock	70.9	0.2	0%	78.4		0%	38.4	1.3	3%	50.5	0.3	1%	0%	1%	2%	
					Nephrops	0.1		0%	0.1		0%			--	0.1		0%	0%	--	--	
					Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					saithe	1.7	0.2	11%	5.4		0%	6.8	0	0%	16.3	2.8	15%	3%	0%	11%	
					sole	28.9	0	0%	74.4		0%	106.9	0	0%	248.3	3.3	1%	0%	0%	1%	
whiting	1.6	1.8	53%	4.5		0%	4.4	1.1	20%	10.1	11.4	53%	23%	11%	46%						
Beam trawlers	>120	IIIa	IIA, 3B1	BT1	Plaice	623.1		0%	876.9		0%	746.4		0%	810.4		0%	0%	0%	0%	
					cod	6.7		0%	13.6		0%	8.2		0%	10.8		0%	0%	0%	0%	
					haddock	0.5		0%	0.2		0%	0.9		0%	0.1		0%	0%	0%	0%	
					Nephrops	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
					Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
					saithe	0		--	--	--	0		--	--	--	--	--	--	--	--	
					sole	2.5		0%	3		0%	8.9		0%	7		0%	0%	0%	0%	
whiting	--	--	--	0		--	0		--	--	--	--	--	--	--						
Beam trawlers	80-119	IV	IIA, 3B2	BT2	cod	602	71.3	11%	530.7	162.8	23%	602.3	44.9	7%	419.5	27.3	6%	17%	15%	7%	
					haddock	4.7		0%	5.8		0%	4.3		0%	4.3		0%	0%	0%	0%	
					Nephrops	41.9	3.1	7%	32.2	2.1	6%	67.4	67.7	50%	162.5	202.5	55%	7%	41%	54%	
					Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
					saithe	0.1		0%	0		--	0		--	0.5		0%	0%	--	0%	
					Sole	11045.3	2041.1	16%	10401	1497	13%	9604.7	2848.9	23%	10893.6	1026.7	9%	14%	18%	16%	
					whiting	237	621.6	72%	201.8	860.7	81%	216.2	1472.1	87%	224.7	971	81%	77%	85%	85%	
Beam trawlers	80-119	IIIa	IIA, 3B1	BT2	cod			--	2		0%	1		0%	6		0%	--	0%	0%	
					haddock			--			--			--	0		--		--		
					Nephrops	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--		
					Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--			
					saithe			--			--			--	1		0%		--		
					Sole			--			--			--	12.3		0%		--		
					whiting	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Overall Beam trawlers	80-119 & >120	IV	IIA, 3B2	BT2 & BT1	cod	1537.3	522.2	25%	1606.3	162.8	9%	1585.5	101.6	6%	1481.9	258.6	15%	18%	8%	11%	
					haddock	75.6	0.2	0%	84.2	0	0%	42.7	1.3	3%	54.8	0.3	1%	0%	1%	2%	
					Nephrops	42	3.1	7%	32.3	2.1	6%	67.4	67.7	50%	162.6	202.5	55%	7%	41%	54%	
					Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--		
					saithe	1.8	0.2	10%	5.4	0	0%	6.8	0	0%	16.8	2.8	14%	3%	0%	11%	
					sole	11074.2	2041.1	16%	10475.4	1497	13%	9711.6	2848.9	23%	11141.9	1030	8%	14%	18%	16%	
whiting	238.6	623.4	72%	206.3	860.7	81%	220.6	1473.2	87%	234.8	982.4	81%	77%	85%	84%						
Overall Beam trawlers	80-119 & >120	IIIa	IIA, 3B1	BT2 & BT1	cod	6.7	0	0%	15.6	0	0%	9.2	0	0%	16.8	0	0%	0%	0%	0%	
					haddock	0.5	0	0%	0.2	0	0%	0.9	0	0%	0.1	0	0%	0%	0%	0%	
					Nephrops	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--		
					Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--			
					saithe	0	0	--	--	--	0	0	--	--	--	--	--	--			
					sole	2.5	0	0%	3	0	0%	8.9	0	0%	19.3	0	0%	0%	0%	0%	
whiting	--	--	--	--	--	--	--	--	--	--	--	--	--	--							

Table 3.2 (cont) **North Sea**: Landings and discards (in tonnes) and discard rates for the fisheries and species subject to the landings obligation.

Gear	Mesh size	ICES area	STECF Annex / Area	Gear	Stock/species	2013			2014			2015			2016			Mean DR (13-14)	Mean DR (14-15)	Mean DR (15-16)
						Landings	Disc	DR	Landings	Disc	DR	Landings	Disc	DR	Landings	Disc	DR			
Gillnets, trammel nets and entangling nets: GN, GNS, GND, GNC, GTN, GTR, GEN, GNF	All	IV	IIA, 3B2	GN1	cod	1447.4	174.6	11%	1534.9	35.3	2%	1304	15.8	1%	1244.4	44.2	3%	7%	2%	2%
				GT1	cod	232.8	47.6	17%	337.4	7.6	2%	424.2	4.2	1%	288.8	5.8	2%	9%	2%	1%
				Overall Netters	cod	1680.2	222.2	12%	1872.3	42.9	2%	1728.2	20	1%	1533.2	50	3%	7%	2%	2%
				GN1	haddock	69.3	17.9	21%	41.3	0.7	2%	31.7	0.5	2%	24.2	1.3	5%	14%	2%	3%
				GT1	haddock	2.4	1.9	44%	4.2	0	0%	3.8	0.6	14%	2.9	0.4	12%	22%	7%	13%
				Overall Netters	haddock	71.7	19.8	22%	45.5	0.7	2%	35.5	1.1	3%	27.1	1.7	6%	15%	2%	4%
				GN1	Nephrops	0.4	0	0%	0.1	0	0%	1.3	0	0%	0.1	0	0%	0%	0%	0%
				GT1	Nephrops	--	--	--	--	--	--	--	--	--	0	0	--	--	--	--
				Overall Netters	Nephrops	0.4	0	0%	0.1	0	0%	1.3	0	0%	0.1	0	0%	0%	0%	0%
				GN1>1	Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--
				GN1	saithe	259.3	39.2	13%	65.8	3.9	6%	39.2	1.9	5%	18.9	2.7	59%	12%	5%	33%
				GT1	saithe	2.2	2.3	51%	1.8	0.4	18%	2.4	0.2	8%	4	2.3	37%	40%	13%	28%
Overall Netters	saithe	261.5	41.5	14%	67.6	4.3	6%	41.6	2.1	5%	22.9	29.3	56%	12%	6%	33%				
GN1	Sole	945.3	0.3	0%	699.7	0.1	0%	465.7	0	0%	468.9	0	0%	0%	0%	0%				
GT1	Sole	641.4	12.1	2%	728.1	10.9	1%	618.3	9.6	2%	454.6	11.7	3%	2%	1%	2%				
Overall Netters	Sole	1586.7	12.4	1%	1427.8	11	1%	1084	9.6	1%	923.5	11.7	1%	1%	1%	1%				
GN1	whiting	5.6	6	52%	2.6	29.6	92%	5.3	866.1	99%	3.9	104.9	96%	81%	99%	99%				
GT1	whiting	2.4	1.5	38%	2.4	24.3	91%	2.6	12.8	83%	3.2	11.1	78%	84%	88%	80%				
Overall Netters	whiting	8	7.5	48%	5	53.9	92%	7.9	878.9	99%	7.1	116	94%	83%	99%	99%				
GN1	cod	754.1	17.2	2%	650.4	18.8	3%	776.5	82	10%	515	2.8	1%	2%	7%	6%				
GT1	cod	89.4	2.1	2%	70.6	1.7	2%	65.8	14.8	18%	72.6	0.8	1%	2%	11%	10%				
Overall Netters	cod	843.5	19.3	2%	721	20.5	3%	842.3	96.8	10%	587.6	3.6	1%	2%	7%	7%				
GN1	haddock	35.9	0	0%	12.5	0	0%	11.6	0.7	6%	1.5	0	0%	0%	3%	5%				
GT1	haddock	0.1	0	0%	0	0	#DIV/0!	0.1	0	0%	0.8	0	0%	0%	0%	0%				
Overall Netters	haddock	36	0	0%	12.5	0	0%	11.7	0.7	6%	2.3	0	0%	0%	3%	5%				
GN1	Nephrops	--	--	--	0.1	--	0%	0.4	--	--	0.3	--	0%	0%	0%	0%				
GT1	Nephrops	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--				
Overall Netters	Nephrops	0	0	--	0.1	0	0%	0.4	0	0%	0.3	0	0%	0%	0%	0%				
GN1>1	Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
GN1	saithe	41.6	4.7	10%	18.8	1.9	9%	14.8	7.3	33%	19.6	0.6	3%	10%	21%	19%				
GT1	saithe	1.9	1	34%	1	0	0%	0.9	0.4	31%	1.7	0	0%	26%	17%	13%				
Overall Netters	saithe	43.5	5.7	12%	19.8	1.9	9%	15.7	7.7	33%	21.3	0.6	3%	11%	21%	18%				
GN1	Sole	12.7	0	0%	19.7	0.1	1%	5	0	0%	9.5	0	0%	0%	0%	0%				
GT1	Sole	1.8	0	0%	8.2	0	0%	0.8	0	0%	0.1	0	0%	0%	0%	0%				
Overall Netters	Sole	14.5	0	0%	27.9	0.1	0%	5.8	0	0%	9.6	0	0%	0%	0%	0%				
GN1	whiting	0.2	1.3	87%	0	--	--	0	0	--	0	0.9	100%	87%	--	100%				
GT1	whiting	0	--	--	0	--	--	0	0	--	0.1	0	0%	--	--	0%				
Overall Netters	whiting	0.2	1.3	87%	0	0	--	0	0	--	0.1	0.9	90%	87%	--	90%				

Table 3.2 (cont) **North Sea**: Landings and discards (in tonnes) and discard rates for the fisheries and species subject to the landings obligation.

Gear	Mesh size	ICES area	STECF Annex / Area	Gear	Stock/species	2013			2014			2015			2016			Mean DR (13-14)	Mean DR (14-15)	Mean DR (15-16)
						Landings	Disc	DR	Landings	Disc	DR	Landings	Disc	DR	Landings	Disc	DR			
Hooks and lines: LLS, LLD, LL, LTL, LX, LHP, LHM		IV	IIA, 3B2	LL1	cod	150.6		0%	194.3		0%	286.8	0	0%	181.6		0%	0%	0%	0%
					haddock	11.2		0%	6.3		0%	10.5		0%	4.9		0%	0%	0%	0%
					Hake	489.6		0%	1265		0%	1139		0%	3234.7	0	0%	0%	0%	0%
					Nephrops	0.7		0%	4.1		0%	1.9		0%	3.1		0%	0%	0%	0%
					Northern prawn	0.1		0%	--	--	--	--	--	--	0.6		0%	0%		
					plaice	0.2		0%	0.4		0%	0.3		0%	1.8		0%	0%	0%	0%
					saithe	25.4		0%	9.3		0%	16.2		0%	23.5		0%	0%	0%	0%
					sole	0.5		0%	0.8		0%	0.7		0%	0.3		0%	0%	0%	0%
					whiting	0.5		0%	4		0%	2.4	5.4	69%	5.1		0%	0%	46%	42%
Hooks and lines: LLS, LLD, LL, LTL, LX, LHP, LHM		IIIa	IIA, 3B1	LL1	cod	13.9	0	0%	18.2	0	0%	28.5		0%	11.2		0%	0%	0%	
					haddock	0.4	0	0%	0.1	0	0%	2		0%	--	--	--	0%	0%	--
					Hake	--	--	--	0	--	--	0	--	--	--	--	--	--	--	--
					Nephrops	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					plaice	0	0	--	0	--	--	0	--	--	0	--	--	--	--	--
					saithe	2.6		0%	30.7	0	0%	0.4		0%	0	--	0%	0%	0%	0%
					sole	--	--	--	--	--	--	0	--	--	0	--	--	--	--	--
					whiting	--	--	--	--	--	--	0	--	--	0	--	--	--	--	--
Traps: FPO, FIX, FYK, FPN		IV	IIA, 3B2	POTS	cod	54.5		0%	83.7		0%	85.1		0%	47.6		0%	0%	0%	
					Haddock	1.5		0%	0.3		0%	0.8		0%	1.6		0%	0%	0%	
					Nephrops	85.8		0%	31.2		0%	60.6		0%	154.1		0%	0%	0%	
					Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	
					plaice	0.8		0%	0.7		0%	24.2		0%	1.2		0%	0%	0%	
					saithe	1.1		0%	0.6		0%	7.4		0%	2.8		0%	0%	0%	
					sole	2.9		0%	1.7		0%	4.1		0%	2		0%	0%	0%	
					whiting	3.8		0%	1.5		0%	3.4		0%	5.7		0%	0%	0%	
Traps: FPO, FIX, FYK, FPN		IIIa	IIA, 3B1	POTS	cod	2.9		0%	1.1	8.7	89%	2	67.2	97%	2.2	18	89%	69%	96%	95%
					Haddock	16.2		0%	--	--	--	--	--	--	--	--	--	0%		
					Nephrops	280.6		0%	305.7	36.2	11%	326.6	17.2	5%	289.7	13.8	5%	6%	8%	5%
					Northern prawn	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	
					plaice	0	--	--	0	0	--	0	0.1	100%	0	0	--	--	100%	100%
					saithe	0.1		0%	0	0.1	100%	0	0.2	100%	0.1	0.7	88%	50%	100%	90%
					sole	--	--	--	0	0	--	0	0.2	100%	0	0	--	--	100%	100%
whiting	17.6		0%	0	0.9	100%	0	2.6	100%	0.2	1.1	85%	5%	100%	95%					

Table 3.2 (cont) **North Sea**: Landings and discards (in tonnes) and discard rates for the fisheries and species subject to the landings obligation.

Gear	Mesh size	ICES area	STECF Annex / Area	Gear	Stock/species	2013			2014			2015			2016			Mean DR (13-14)	Mean DR (14-15)	Mean DR (15-16)
						Landings	Disc	DR	Landings	Disc	DR	Landings	Disc	DR	Landings	Disc	DR			
Trawls and Seines: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	16-31	IV	IIA, 3B2	TR3*	cod	5.8	0	0%	8.5		0%	20.2	0.1	0%	4.1	0	0%	0%	0%	0%
					haddock	1.1		0%	46.6		0%	14.5	0	0%	3.5	0	0%	0%	0%	0%
					Nephrops	2.7		0%	3.8		0%	0.3	0	0%	0.4	0	0%	0%	0%	0%
					Northern prawn	131.1	0.1	0%	82.1		0%	14.4	0	0%	182.4	0	0%	0%	0%	0%
					plaice	12.8	0.1	1%	2.6	2.1	45%	11.6	0	0%	55.1	0	0%	13%	13%	0%
					saithe	3.5		0%	33.8		0%	7.9	0	0%	14.6		0%	0%	0%	0%
					sole	0.4	0	0%	0.7	0.4	36%	0		--	0		--	27%	36%	--
					whiting	561.5	0	0%	529.5	0	0%	481.5	44.2	8%	1192.7	1.3	0%	0%	4%	3%
Trawls and Seines: OTB, OTT, OT, PTB, PT, TBN, TBS, OTM, PTM, TMS, TM, TX, SDN, SSC, SPR, TB, SX, SV	16-31	IIIa	IIA, 3B1	TR3*	cod	16.3		0%	0.5		0%	0.5		0%	0		--	0%	0%	0%
					haddock	61.6		0%	0		--	0.5		0%	0.1		0%	0%	0%	
					Nephrops	--	--	--	--	--	--	0		--	--	--	--	--	--	--
					Northern prawn	No STECF data		--	--	--	--	--	--	--	--	--	--	--	--	--
					plaice	0.1		0%	1.3		0%	0.5		0%	0.8		0%	0%	0%	
					saithe	3.8		0%	--	--	--	0.8		0%	--	--	--	--	--	
					sole	--	--	--	--	--	--	--	--	--	0	--	--	--	--	
					whiting	65.5		0%	13.9		0%	17.4		0%	26.5		0%	0%	0%	0%

* In the 2016 STECF plenary report (STECF PLEN-16-03), landings and discards for mesh size range 32-69 mm (gear group 'Otter') were incorrectly estimated using data relating to gear group 'TR3' (mesh size range 16-31 mm). The correct estimates for mesh size range 32-69 mm are given under gear group 'Otter'. The estimates for TR3 presented here are retained for completeness. Cells are shaded grey because TR3 gear groups are not included in the joint recommendations for 2018 discard plans.

Table 3.3 **South Western Waters:** Landings and discards (in tonnes) and discard rates for the fisheries and species subject to the landings obligation.

Fishery	Gear	Mesh size	LO	ICES area	STECF Annex/area	STECF gear	2013			2014			2015			2016			Mean DR (13-14)	Mean DR (14-15)	Mean DR (15-16)
							Landings (t)	Discards (t)	DR (%)	Landings (t)	Discards (t)	DR (%)	Landings (t)	Discards (t)	DR (%)	Landings (t)	Discards (t)	DR (%)			
Common Sole	All bottom trawls: OTB, OTT, PTB, TBN, TBS, TB, OT, PT, TX	70-100mm	All catches of common sole are subject to the LO	Villa, b, d and e	BoB, 8A-B	OTTER	886.1	55.4	6%	1222.1	170.6	12%	908	30.3	3%	826.3	127.6	13%	10%	9%	8%
	All beam trawls (TBB)	70-100				BEAM	312.1	0.7	0%	328.8	14	4%	301.9	10.1	3%	287.7	4.7	2%	2%	4%	2%
	All trammel and gill nets: GNS, GN, GND, GNC, GTN, GEN, GTR	>=100m				GILL	149	0.1	0%	65.2	2	3%	61.9	0	0%	59.2	0	0%	1%	2%	0%
						TRAMMEL	2284.9	19.6	1%	2580	37	1%	2493.3	54.3	2%	2197.1	26.1	1%	1%	2%	2%
						Overall netters	2433.9	19.7	1%	2645.2	39	1%	2555.2	54.3	2%	2256.3	26.1	1%	1%	2%	
Hake	All bottom trawls: OTB, OTT, PTB, TBN, TBS, TB, OT, PT, TX, SSC, SPR, TB, SX, SV	>=100	All catches of hake are subject to the LO	Villa, b, d and e	BoB, 8A-B	OTTER	3784.9	2094.4	36%	4577.6	1799.2	28%	4905.5	1116.9	19%	5050.4	3201.8	39%	32%	24%	30%
	All longlines: LL, LLS	All				LONGLINE	3603.9	190.2	5%	4433.1	0.8	0%	4740.3	0	0%	5060	4.5	0%	2%	0%	0%
						GILL	8819.4	653.5	7%	9982.9	457.9	4%	11073.4	1852.1	14%	9854.7	256.9	3%	6%	10%	9%
						TRAMMEL	188.7	89.8	32%	322.8	134.3	29%	278.1	253.2	48%	322.2	201.9	39%	30%	39%	43%
						Overall netters	9008.1	743.3	8%	10305.7	592.2	5%	11351.5	2105.3	16%	10176.9	458.8	4%	6%	11%	
Nephrops	All bottom trawls: OTB, OTT, PTB, TBN, TBS, TB, OT, PT, TX	>=70	All catches of Norway lobster are subject to the LO	Villa, b, d and e	BoB, 8A-B	OTTER	1773	961.7	35%	2801.5	1563.4	36%	3610.7	1478.8	29%	4143.7	1793.6	30%	36%	32%	30%
Anglerfish	All gill nets: GNS, GN, GND, GNC, GTN, GEN	>=170mm	All catches of Anglerfish are subject to the LO	Villa, b, d and e	BoB, 8A-B	GILL	639.6	28.8	4%	557.8	2	0%	572.6	9.8	2%	442	4	1%	3%	1%	1%
Nephrops	All bottom trawls: OTB, OTT, PTB, TBN, TBS, TB, OT, PT, TX	>=70	All catches of Norway lobster are subject to the LO	Vilic and IXa	IIb, 8C-9A	3a (OTTER>=32mm)	176.2	3.1	2%	166.2	0	0%	200.1	0	0%	218.2	0.1	0%	1%	0%	0%
Hake	All bottom trawls: OTB, OTT, PTB, TBN, TBS, TB, OT, PT, TX, SSC, SPR, TB, SDN, SX, SV	>=70mm	All catches of Hake are subject to the landing obligation for vessels that fulfill the following cumulative criteria: 1. Use mesh size larger or equal to 70 mm, 2. Total hake landings in the period 2014/2015 consist of: more than 5% of all landed species and more than 5 metric tons.	Vilic and IXa	IIb, 8C-9A	3a (OTTER>=32mm)	4308.2	4259.4	50%	3936.3	2690.7	41%	4527.4	1320.4	23%	4662.2	2375.3	34%	46%	32%	29%
	All gill nets: GNS, GN, GND, GNC, GTN, GEN	80-99mm				3B (Gillnets >=60mm)	2646.5	23.2	1%	2153.7	72.4	3%	2061.1	0	0%	2573.3	13.8	1%	2%	2%	0%
						3T (Trammel nets)	589.3	0	0%	184	0	0%	90.5	0	0%	173	0	0%	0%	0%	0%
						Overall netters	3235.8	23.2	1%	2337.7	72.4	3%	2151.6	0	0%	2746.3	13.8	0%	2%	2%	0%
All longlines (LL, LLS)	Hook size > 3.85 +/- 1.15 length and 1.6 +/- 0.4				3C (Longlines)	931		0%	1255.9	0	0%	1065.8		0%	1205.7		0%	0%	0%		
Anglerfish	All gill nets: GNS, GN, GND, GNC, GTN, GEN	>=170mm	All catches of Anglerfish are subject to the LO	Vilic and IXa	IIb, 8C-9A	3B (Gillnets >=60mm)	645.5		0%	827		0%	765.4		0%	615	29.9	5%	0%	0%	2%

Table 3.3 (cont) **South Western Waters:** Landings and discards (in tonnes) and discard rates for the fisheries and species subject to the landings obligation.

Fishery	Gear	Mesh size	LO	ICES area	STECF Annex/area	STECF gear	2013			2014			2015			2016			Mean DR (13-14)	Mean DR (14-15)	Mean DR (15-16)			
							Landings (t)	Discards (t)	DR (%)	Landings (t)	Discards (t)	DR (%)	Landings (t)	Discards (t)	DR (%)	Landings (t)	Discards (t)	DR (%)						
Common sole	All trammel and gill nets: GNS, GN, GND, GNC, GTN, GEN, GTR	>=100mm	All catches of Common sole are subject to the LO	IXa	WW, 9EU	GILL	7.5		0%	10.5	0	0%	14.4		0%	3.4		0%	0%	0%	0%			
						TRAMMEL	155.8		0%	147.2		0%	179.4		0%	147.6		0%	0%	0%	0%	0%		
						Overall netters	163.3	0	0%	157.7	0	0%	193.8	0	0%	151	0	0%	0%	0%	0%	0%	0%	
Plaice	All trammel and gill nets: GNS, GN, GND, GNC, GTN, GEN, GTR	>=100mm	All catches of Plaice are subject to the LO	IXa	WW, 9EU	GILL	0.5		0%	0.1	0	0%	0.4		0%	0		0%	0%	0%	0%			
						TRAMMEL	1		0%	0.6		0%	0.5		0%	0.7		0%	0%	0%	0%	0%		
						Overall netters	1.5	0	0%	0.7	0	0%	0.9	0	0%	0.7	0	0%	0%	0%	0%	0%	0%	
Blue whiting	All bottom trawls and seines: OTT, OTB, PTB, OT, PT, TBN, TBS, TX, SSC, SPR, TB, SDN, SX, SV	All	All catches of Blue whiting subject to the LO	VIIIc and IXa	IIb, 8C-9A	3a (OTTER>=32mm)	16298.2	5679.4	26%	26344.5	6676.3	20%	26559.4	18169.8	41%	25081.5	3290.1	12%	22%	32%	29%			
						BEM_SEINE	No STECF data	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
						OTTER (<32mm or no mesh given)	56.1	24.4	30%	74.3	54.2	42%	44	28	39%	83.7	59.8	42%	38%	41%	41%			
						Overall trawls & seines	16298.2	5679.4	26%	26344.5	6676.3	20%	26559.4	18169.8	41%	25081.5	3290.1	12%	22%	32%	29%			
Black scabbardfish	Deepwater set-longlines: LLS_DWS		All catches of Black Scabbardfish are subject to the landing obligation for vessels which fulfill the following criterion: total black scabbardfish landings in the period 2014/2015 consist of more than 20% of all landed species.	VIIIc, IX, X, CEEAF 34.1.2	IIb, 8C-9A; WW, 10 EU, 34.1.2 EU	3C (IIb, 8C-9A)	0.1		0%	2081		0%	2478		0%	2385.5		0%	0%	0%				
						LONGLINE (WW, 10 EU, 34.1.2 EU)	--	--	--	--	--	1908.1		0%	1949.8		0%							
						3C(IIb, 8C-9A) & LONGLINE (WW, 10 EU, 34.1.2 EU) combined	0.1	0	0%	2081	0	0%	4386.1	0	0%	4335.3	0	0%	0%	0%	0%	0%		
Red seabream	Deepwater set-longlines: LLS_DWS	Hook size > 3.95cm length and 1.65cm width	All catches of Red Seabream are subject to the landing obligation for vessels which fulfill the following criterion: total Red Seabream landings in the period 2014/2015 consist of more than 20% of all landed species.	IX	WW, 9 EU	LONGLINE	51.8		0%	69.5		0%	43.1		0%	39.9		0%	0%	0%				

STECF conclusions

This report tabulates the Joint Recommendations for 2018 regional discard plans for the North Sea, Northwestern waters and Southwestern waters and highlights any proposed changes to 2017 discard plans.

Given the data and information currently available, the request to update Tables 5.1.1 - 5.1.5 and 5.1.7 - 5.1.8 contained in the STECF plenary report (PLEN-16-03) could not be fully addressed. For each fleet and fishery subject to the landing obligation, using FDI data from 2015 and 2016, estimates of landings, discards, discard rate and the proportions of the catches landed and discarded are presented, taking into account any relevant revisions to fleets, stocks and thresholds.

Note that for gear groupings for which sample data are few or non-existent, the estimated discards and discard rates may not be representative of the true discards and discard rates. The STECF concerns regarding such estimates are discussed in STECF 17-09.

The information in the report is based on the data submitted by Member States in response to the 2017 data call for fishery dependent information.

References

Scientific, Technical and Economic Committee for Fisheries (STECF) – 53rd Plenary Meeting Report (PLEN-16-03); Publications Office of the European Union, Luxembourg; EUR 28359 EN; doi:10.2788/638914

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