Written record of fisheries consultations between the United Kingdom and the European Union for 2021

- 1. The Trade and Cooperation Agreement ('the TCA')¹ between the United Kingdom (UK) and the European Union (EU) includes the objective of cooperating with a view to ensuring that fishing activities for shared stocks in their waters are environmentally sustainable in the long term and contribute to achieving economic and social benefits, and requires the Parties to hold consultations annually to agree the total allowable catches (TACs) for the following year for the stocks listed in Annex 35 to the TCA.
- 2. A Delegation from the United Kingdom, headed by Mr Mike ROWE, and a Delegation from the European Union, headed by Mr Joost PAARDEKOOPER, met virtually, between January and June 2021 to consult on fishing opportunities for 2021 and for certain deep-sea stocks for 2021 to 2022 in accordance with Article 498 (Fishing Opportunities) of the TCA. This Written Record documents the outcome of those consultations.
- 3. The Heads of Delegations agreed to recommend to their respective authorities the fishery arrangements for 2021 outlined in this Written Record, including Annexes 1 to 3. Accordingly, where this Written Record refers to the Delegations (or the Parties) having agreed on a matter, it should be read as an agreement to recommend to the Delegations' respective authorities to implement the arrangements in this Written Record, including annexes 1 to 3.
- 4. The Delegations recognised the exceptional nature of annual consultations for 2021 fishing opportunities due to the late conclusion of negotiations to reach agreement on the TCA and to the challenges of negotiating remotely due to the Covid-19 pandemic. As a result of this, a number of discussions, identified throughout this Written Record, will take place via the Specialised Committee on Fisheries (SCF) for this year.

5. Jointly managed stocks (TCA Annex 35)

a) The Delegations considered the jointly managed stocks listed in Annex 35 to the TCA and agreed to establish total allowable catches (TACs) for 2021, and

¹ Trade and cooperation agreement between the European Union and the European Atomic Energy Community, of the one part, and the United Kingdom of Great Britain and Northern Ireland, of the other part, signed on 30 December 2020.

in some cases for 2022, for those stocks, as described in Annex 1 to this Written Record.

- b) The TACs referred to in paragraph (a) above represent the agreed catch before any adjustments are applied.
- c) The TACs referred to in paragraph (a) above will be allocated between the Parties as indicated in Table 1.
- d) Should the International Council for the Exploration of the Sea (ICES) provide new scientific advice on TACs the Delegations agree to discuss its implications and consider whether any changes to these TACs are required.
- e) The Delegations agreed that the Parties would work through the SCF, and with ICES as appropriate, to seek to agree the most appropriate way to interpret the ICES advice for the setting of the skates and rays group TACs SRX/07D, SRX/2AC4-C and SRX/67AKXD, and to work jointly to adopt a possible in-year amendment to the TACs to reflect the agreed interpretation of the advice. The SCF will also consider as a priority the approach for scientific observation data collection programmes for small eyed ray in area 7e.
- f) Regarding fishing opportunities in mixed fisheries, in particular in the Celtic Sea, the Delegations:
 - agreed that depleted stocks such as cod in the Celtic Sea are taken as incidental bycatches, and that the mortality of these stocks is influenced by the level at which other TACs for stocks which are also caught in the same fishery are set
 - ii. agreed that the approach to TAC setting should, where relevant, look beyond single stock assessments in order to deliver management objectives
 - iii. agreed that in annual consultations for fishing opportunities from 2022 onwards, the Delegations will take into account the multi-stock character of these fisheries when agreeing fishing opportunities
 - iv. agreed that the assessment of the level of interaction between the TACs will be guided by the best available science, principally from ICES mixed fishery considerations. As part of this process the Delegations identify the need for ICES to explore the assumptions around species interaction, the stability of catch patterns, catch compositions, gear selectivity and fleet structures present in mixed fisheries approaches
 - v. agreed to develop, through the SCF, terms of reference for a request to be submitted by 31 July 2021 to ICES to further develop mixed fisheries

science focusing on the Celtic Sea, including ways to estimate uncertainty, in order to progress this work in a timely manner to inform future annual negotiations

g) Deep-sea stocks

The Delegations acknowledged the vulnerable nature of deep-sea stocks and the ecosystems of which they form part. The Parties therefore commit to working jointly through the SCF to develop proposals to improve the management of relevant fisheries to ensure the long-term conservation of deep-sea stocks and where necessary their recovery.

i. Western black scabbardfish (BSF/5B67-)

The Delegations recognised that Division 5a is not covered by this TAC, as 5a lies within the Exclusive Economic Zones (EEZs) of other coastal States. The Delegations therefore agreed that in future TAC-setting the ICES advice for 5b, 6, 7 and 12b need not be adjusted upward to cover catches in 5a.

ii. Roundnose grenadier (RNG/5B67- and RNG/8X14-)

The total ICES catch advice for roundnose grenadier is 3862 tonnes for both 2021 and 2022. The Delegations agreed that 60% of this catch advice is allocated to RNG/5B67 and 40% is allocated to RNG/8X14, for 2021 and 2022.

The Parties committed to reviewing the current management of roundnose grenadiers via the SCF with a view to agreeing a joint approach to future TAC-setting. This will include a request to ICES to advise on the most appropriate management approach to ensure these vulnerable stocks are not overexploited. This review must be completed by September 2022 to inform TAC setting for 2023.

iii. Western red seabream (SBR/678-)

The Delegations acknowledged that ICES recognises the status of Western Red Seabream as seriously depleted, and commit to working jointly through the SCF, and with ICES as appropriate, to develop further measures to support the long-term recovery of this stock.

h) Stocks with no ICES advice

In relation to those stocks which currently lack ICES advice, the Parties agreed to work together through the SCF, and with ICES, to improve the availability of data and/or assessment methods to inform future scientific advice.

i) Stocks with zero catch advice

- i. There are certain stocks for which ICES has issued scientific advice for no catches. If the TACs for those stocks were set at the level indicated in the scientific advice the obligation to land all catches in mixed fisheries with by-catches from these stocks would lead to the phenomenon of 'choke species'. In order to strike the right balance between socioeconomic considerations and the need to achieve a good biological status for those stocks, taking into account mixed fishery considerations, the Delegations agreed that it is appropriate to establish specific TACs for by-catches for those stocks.
- ii. The level of these TACs has been set with the objective of ensuring that the fishing mortality is not increased and of rebuilding the stock. The Delegations agreed for some stocks with zero TAC advice, to set a small TAC to allow for continued monitoring of the fishery.
- iii. The Parties agreed to work together to develop technical measures to aid the decoupling of vulnerable stocks and to further develop and implement TAC setting approaches guided by mixed fisheries considerations where appropriate and providing where possible incentives for improvements in selectivity and avoidance.

6. Special conditions, flexibilities and footnotes

- a) The Delegations agreed the special conditions, flexibilities and footnotes applicable to each stock, as set out in Annex 1 to this Written Record.
- b) For Annex 1 stocks where geographic flexibility is provided for, the Parties are committed to ensuring appropriate safeguards are in place that ensure its application meets clear management objectives - such as managing choke and does not result in a detrimental alteration in fishing effort or in depleted bycatch stocks, including no undesired increase in fishing mortality or impediment to the recovery of the bycatch stocks.
 - i. The Parties will, where appropriate, implement robust monitoring or reporting arrangements for Annex 1 stocks where flexibilities are provided for and report back via the SCF and will work via the SCF to consider more broadly the use of geographic flexibility for Annex 1 stocks.
 - ii. The Delegations agreed that because geographic flexibility could result in effort displacement between areas due to such flexibility in TACs between areas. Safeguard measures are required in order to protect depleted stocks such as cod and whiting in the West of Scotland. The Delegations agreed that safeguards should be established that would limit the amount of quota that can be transferred in situations where the

donor TAC is substantially larger than recipient TAC, including the suspension of such flexibilities.

- c) For picked dogfish (spurdog), the Delegations recognised the need for exchange of data necessary for a scientific assessment of the avoidance programs in place since 2017, with a view to the setting of fishing opportunities, possible vessel limits and including consideration of any regional differences. The Delegations agreed that an in-depth consideration of these data, which may include a request for ICES scientific advice on changes to the present rules of the by-catch avoidance programs, should be addressed via the SCF, in 2021.
- d) The Delegations agreed to a process of a review, via the SCF, of footnotes with inter species, inter stock and intra stock flexibilities in Annex 1 with a view to consensual revision where considered necessary, to avoid significant risks to sustainability. Further to paragraph 5 (g), this would include a review of the provisions for deep sea stocks, recognising the vulnerable nature of these species. Future footnotes should also be considered where appropriate.
- e) The Delegations agreed that the Herring (3a) flexibility into United Kingdom waters of Area 4 which is included in Table 4 in Annex 1 is granted exceptionally.

7. Stocks only present in one party's waters (TCA Annex 36F)

The Delegations informed each other of the relevant TAC amounts set for the stocks present in their respective waters and took note of the quotas allocated to the other Party.

8. Quota transfers

- a) The Delegations discussed and exchanged proposals on transfers of a Party's shares of TACs to the other Party, as referred to in Article 498(4)(a). No agreed conclusion on such transfers was reached.
- b) The Delegations noted the requirement in Article 498(8) of the TCA to set up a mechanism for voluntary in year transfers of fishing opportunities between the Parties. To take place each year and for the SCF to decide on the details of this mechanism.
- c) The Delegations noted the importance of transfers of fishing opportunities between the Parties, and for their respective fleets. Such transfers are necessary for operational needs.
- d) The Delegations agreed to develop and arrange an interim basis for these transfers immediately upon application of the arrangements on TACs and quotas on jointly managed stocks set out in heading 5 of this Written Record, before the SCF establishes the mechanism referred to in Article 498(8) of the

TCA. The Delegations committed to establishing all the necessary legal and procedural arrangements to enable such transfers between the Parties, including the appropriate management arrangements within the Parties' remit.

9. Consultative stocks (TCA Annex 37)

The Delegations noted the obligation under Article 498(7) of the TCA to give sufficient notice to the other Party before setting or amending TACs for the stocks listed in Annex 37. The Delegations agreed to adopt these TACs after the conclusion of these consultations and that the Parties will notify each other if they amend any of these TACs during the year.

10. Prohibited species

- a) Both Delegations notified the list of species for which fishing is prohibited in their respective waters, as set out in Annex 2 to this Written Record².
- b) The Delegations agreed that any proposed changes to the list of prohibited species that affect vessels of the other Party will be notified under Article 496(3) of the TCA.
- c) The Delegations agreed that further detailed conversations on this matter would take place via the SCF.

11. TAC deductions due to discard exemptions

- a) The Delegations agreed to the following on TAC deductions in relation to the management of exemptions from the landing obligation in 2021:
 - i. The Delegations exchanged information on the landing obligation exemptions applicable in their respective waters.
 - ii. The Delegations took note of several elements on which the policies are not aligned. The differences are related to exemptions that apply unilaterally in each Party's waters and, in some cases, to the scope of the exemption.
 - iii. In addition, the Delegations explained the methodologies in place to calculate the level of deductions to be applied to their TAC share in relation to the landing obligation exemptions adopted. The Delegations have

² The UK had previously notified the EU, on 31 December 2020, about certain other prohibitions in UK domestic law that were made applicable to non-UK vessels by Schedule 2 of the Fisheries Act 2020, which can be found at https://www.legislation.gov.uk/ukpga/2020/22/schedule/2/enacted.

ascertained that, while the EU had updated its calculation method, the methodological approach of the UK is the same as that applied by the EU in 2020. The Delegations have not found an agreement on the methodology for the present year.

- iv. Where there are differences in the exemptions between the Parties, the Delegations agreed to make use of the exemptions applicable in the other Party's waters in respect of fishing activities carried out in those waters.
- v. To ensure that exempt discards do not constitute catches that are in excess of agreed TACs, appropriate deductions will be applied to the relevant TAC shares. The differences in exemptions between Parties will result in corresponding differences in the deductions applied to the Parties' TAC shares.
- vi. Recognising that the composition of fleets, catches and discards is different between Parties, and that there are differences in the exemptions available in each Party's waters, to ensure that deductions reflect the quantity of exempt discards generated by each Party, the deductions will be applied independently by each Party to its share of the TAC. Each Party will have post-deduction TAC shares that reflect its landing obligation exemptions for 2021. The parties will make publicly available their new TAC shares post-deduction.
- vii. The Delegations have shared the details of their current methods of calculating the percentage deductions from their TAC shares and the TACs to which percentage deductions will be applied. The Delegations agreed to exchange lists of the percentage deductions that will be applied as soon as possible.
- viii. The Parties will inform each other of any adjustment of the method for deductions and the corresponding deduction percentage.
- b) The Parties will continue to work cooperatively to manage discards, and if appropriate to exchange data, improve scientific knowledge and consider possible measures on discards in the SCF, including on the issue of landing obligation exemptions and TAC deductions.

12. Technical measures

 Noting that technical measures will apply to all vessels fishing in the waters of a Party, the Delegations exchanged details of their respective technical measures, including remedial measures for depleted stocks (including gear-based and spatial measures). This exchange included those in place and under consideration for their respective waters in the Irish Sea, West of Scotland and Celtic Sea as well as the parts of North Sea to the consultations. The Delegations agreed to these exchanges for the purposes of information and notification, with a view, where appropriate, to exploring opportunities to enhance compatibility between the measures applied in their respective waters.

- b) The Delegations agreed on the value of approaches to technical measures to support the recovery of depleted stocks and deliver wider benefits in terms of fisheries management. As such, the Delegations committed to the Parties working closely together via the SCF, to assess and review where appropriate, in 2021 the effectiveness of technical measures in the Irish Sea and West of Scotland and from there, as a result, to continue to explore their potential benefits where appropriate.
- c) For the Celtic Sea, the Delegations identified differences in the Parties' measures in place for 2021. The Delegations recognised that some technical measures may be more effective when brought into effect by both Parties. As such, the Parties agreed to work together, through the SCF, to develop effective and practical additional measures, including possible gear-based and spatial measures.
- d) The Delegations also agreed on the need for each Party to assess the effectiveness of any additional technical measures, prior to their introduction in the Celtic Sea, including gear-based and spatial measures. The Delegations agree with the need for seeking scientific assessment of the impact of new technical measures on overall catches of depleted stocks. Furthermore, such scientific assessment should include an evaluation of the effect on total catches, fishing mortality and stock recovery in the Celtic Sea. The Delegations agreed to take into consideration inter alia the following additional elements: enhanced data collection, enhanced fisheries monitoring, and ICES mixed fisheries science to inform Celtic Sea fishing opportunities. The Parties will seek to agree no later than 31 July 2021 in the SCF, a timetable for developing this new approach.

13. Non-quota stocks

a) The Delegations consulted on the implementation of Article 2(1)(b) of Annex 38 to the TCA. They exchanged data on the average tonnages of non-quota stocks landed over the 2012-2016 period, which indicated totals of 12,365tonnes by UK vessels in EU waters and 42,028t by EU vessels in UK waters. These figures represent global figures which also cover fishing in Crown Dependency waters, Crown Dependency vessels fishing in EU territorial waters and fishing under the voisinage arrangement between Ireland and Northern Ireland, which are not part of access arrangements under Article 2(1)(b) of Annex 38. The figures also include provisional figures for catches of Argentines by the

Netherlands which can be further refined through the SCF. Both Parties will work together in the SCF, as a matter of priority, to establish the average tonnages fished in EU and UK waters in accordance with Article 2(1)(b) of Annex 38.

- b) Given the delay in reaching an agreement for the 2021 fishing year, the Parties exceptionally agreed not to apply tonnage limits as provided for in Article 2(1)(b) of Annex 38 in 2021, but will closely monitor and exchange landings data to support the development of long term strategies. Landings in 2021 will be monitored and data exchanged in accordance with paragraph (e) below.
- c) The Delegations confirmed their commitment to developing multi-year strategies for the conservation and management of non-quota stocks via the SCF in accordance with Article 508(1)(c) and that this was a priority to ensure sustainable management of the stocks.
- d) The Delegations agreed to hold further discussions in the SCF by 31 July 2021 on the approach to developing the strategies referred to in paragraph (c).
- e) For the purposes of monitoring landings of non-quota species and in line with the Parties' obligations under Article 507 of the TCA (data-sharing), the Delegations agreed to share monitoring data at species level. It was agreed that to account for landings from 1st January 2021, country fishing code data (EEZ level reporting) will be exchanged, and that ICES rectangle level data will be supplied alongside this in one-off or ad hoc exchanges to provide assurance of the robustness of the EEZ level data. The modalities and timelines for later exchanges will be discussed in the SCF by 31 July 2021.
- f) The Parties discussed measures for seabass, agreed to roll over arrangements in place during 2020 and agreed that the following adjustments would be introduced as soon as practicable in the course of 2021:
 - i. The commercial trawl/seine flexibility will be amended from a 520kg cap per two months to a 380kg cap per month within the 5% bass per trip limit
 - ii. Bycatches of seabass in shore-based commercial netting will be removed from the scope of the general seabass fishing prohibition. This exemption will only apply to historic numbers of locally regulated beach nets set at pre-2017 levels. The Parties agreed that these commercial shore-based netting activities should not target seabass and should only be allowed to land unavoidable bycatches. The Delegations further agreed that Parties will introduce catch reporting for these shore-based netting activities and will update each other on progress in the SCF. Other forms of commercial shore-based fishing should remain prohibited
- g) The Delegations agreed that each Party will monitor the implementation and impact of these changes in 2021. A monitoring scheme that will provide information on fishing mortality of commercial shore-based netting will be discussed within the SCF with a view to implementation from 2022 onwards.

h) The Parties agreed to work together in the SCF on the management of Seabass and to prioritise the improvement of the ICES assessment tool for Seabass with a view to using the tool for calculations for individual catch forecasts in commercial and recreational fisheries.

14. Inter-annual quota flexibility

- a) Underlining the need for flexibility in quota management, the Delegations agreed that inter-annual flexibility can increase the effectiveness of fisheries management, whereby certain quota shares can be carried forward to, or borrowed from, the following management period. They therefore notified the following arrangements for 2020 to 2021 and 2021 to 2022:
 - i. Each Party may transfer to the following year unutilised quantities of up to 10% of its quota of a particular TAC. The quantity carried forward can then be used in addition to that Party's quota in the following year. Quota transferred in this way cannot be carried forward to subsequent years. This year-to-year flexibility does not apply to the stocks listed in Annex 3, where no carry-over will be available.
 - ii. Each Party may authorise fishing by vessels of up to 10% beyond its quota of its quota of a particular TAC. All quantities fished beyond its quota for the year will be deducted from the Party's quota for the following year.
 - iii. The Parties agree to determine a format for, and to arrange for, complete catch statistics and quotas for the previous year to be made available to the other Party via the SCF
 - iv. These arrangements apply to all the eligible stocks listed in Annexes 35 and 36 to the TCA. However, if other international arrangements or obligations are put in place which conflict with these arrangements, those other arrangements and obligations will prevail
- b) The Delegations agreed that further discussions on this matter could take place via the SCF.

15. Specialised Committee on Fisheries (SCF)

The Delegations identified the following issues to be discussed in the SCF:

- i. Skates and rays, paragraph 5(e)
- ii. Terms of reference for Celtic sea mixed fishery advice, paragraph 5(f)(v)
- iii. Deep sea stocks, paragraphs 5(g), 5(g)(i) and 5(g)(ii)
- iv. Stocks with no ICES advice, paragraph 5(h)
- v. Geographic flexibility, paragraph 6(b)

- vi. Picked Dogfish (spurdog), paragraph 6(c)
- vii. Footnotes, paragraph 6(d)
- viii. Prohibited species, paragraph 10(c)
- ix. Management of discards, landing obligation and TAC deductions, paragraph 11(b)
- x. Technical measures, paragraphs 12(b) to (d)
- xi. Multi-year strategies for non-quota stocks paragraph 13(c) and (d)
- xii. Later exchanges of data on non-quota stocks, paragraph 13(e)
- xiii. Seabass monitoring, management and assessment, paragraphs 13(g) and (h)

16. Annual fisheries consultations for 2022

- a) The Delegations agreed that in line with article 498(2) of the TCA, there should be an early exchange of views on priorities for 2022 as soon as scientific advice on the level of the TACs is received.
- b) The Delegations agreed to work constructively to conclude annual fisheries consultations for 2022, by 10 December 2021.
- c) The Delegations agreed that, in order to facilitate progress in these annual consultations, it is useful to organise simultaneous exchanges of positions, on all issues to be covered. The Delegations agreed that an exchange would take place, in advance of formal consultations for 2022 beginning.

London, 11 June 2021 Brussels, 11 June 2021

For the United Kingdom For the European Union

Mike ROWE Joost PAARDEKOOPER

Annex 1

Table 1 – Total agreed catch limits and transfers of quota

Code			Agreed		UK alle	ocation			EU alle	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
ALF/3X14	Alfonsinos Beryx spp.	United Kingdom, European Union and international waters of 3, 4, 5, 6, 7, 8, 9, 10, 12 and 14	224 (1)	3.05%	7		7	96.95%	217		217
		(1) Exclusively for byc	atches. No dir	ected fisheri	es for alfonsi	nos are perm	nitted under t	his TAC.			
ANF/07	Anglerfish (7) Lophiidae	7	38,123	21.22%	8,090		8,090 (1)	78.78%	30,033		30,033 (1)
		(1) Special condition:	of which up to	10% may be	fished in Un	ited Kingdon	n, European	Union and 8	a, 8b, 8d and	d 8e (ANF/*8	ABDE).
ANF/2AC4-C	Anglerfish (North Sea) Lophiidae	United Kingdom and European Union waters of 4; United Kingdom waters of 2a	11,972	86.26%	10,327		10,327 ⁽¹⁾⁽	13.74%	1,645		1,645 ⁽¹⁾⁽²⁾
		(1) Special condition: 58'30".(2) Special condition: of 5b; International	of which up to	10% may be	fished in Un						

Code			Agreed		UK alle	ocation			EU all	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
ANF/56-14	Anglerfish (West of Scotland) Lophiidae	6; United Kingdom and international waters of 5b; international waters of 12 and 14	6,377	39.01%	2,488		2,488 (1)	60.99%	3,889		3,889 (1)
		(1) Special condition:	of which up to	20% may be	fished in Un	ited Kingdor	n and Europe	ean Union w	aters of 2a a	nd 4 (ANF/*2	AC4C).
ARU/1/2.	Greater Silver Smelt (1,2) Argentina silus	United Kingdom and international waters of 1 and 2	59	43.10%	25		25	56.90%	34		34
	Argentina silus		1	l.	l.	l.	1				1
ARU/3A4-C	Greater Silver Smelt (North Sea)	United Kingdom and European Union waters of 4; European Union waters of 3a	809	1.60%	13		13	98.40%	796		796
	Argentina silus		I		l		1				
ARU/567	Greater Silver Smelt (Western)	6 and 7; United Kingdom and international waters of	3,729	5.59%	208		208	94.41%	3,521		3,521
	Argentina silus	5									
BLI/12INT	Blue Ling (International 12)	International waters of 12	96 (1)	0.86%	1		1	99.14%	95		95 (2)

			Agreed		UK alle	ocation			EU allo	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
	Molva dypterygia	(1) Exclusively for by-c (2) The unallocated "C shared quota shall	Others" quota f	or Member S	States withou	t shares is e			. Catches to	be counted	against this
BLI/24-	Blue Ling (North Sea) Molva dypterygia	United Kingdom and international waters of 2; United Kingdom and European Union waters of 4	27	26.81%	7		7	73.19%	20		20 (1)
		(1) The unallocated "C shared quota shall				t shares is e	xclusively fo	r by-catches	. Catches to	be counted	against this
BLI/5B67-	Blue Ling (Western) Molva	6 and 7; United Kingdom and international waters of 5	11,522	22.69%	2,614		2,614	77.31%	8,908		8,908 (1)
	dypterygia	(1) The unallocated "C shared quota shall					xclusively fo	r by-catches	. Catches to	be counted	against this
BOR/678-	Boarfish (Western)	6, 7 and 8	19,152	6.36%*	1,218		1,218	93.65%*	17,934		17,934
	Caproidae	*Discrepancy in TCA sh	ares due to ro	ounding							
BSF/56712-		6 and 7; United Kingdom and international waters of	1,929	5.69%	110		110	94.31%	1,819		1,819 (1)

Code			Agreed		UK alle	ocation			EU alle	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
	Black Scabbardfish (Western)	5; international waters of 12									
	Aphanopus carbo	(1) The unallocated "C shared quota shall					exclusively fo	r by-catches	. Catches to	be counted	against this
COD/07A.	Cod (Irish Sea) Gadus morhua	7a	206 (1)	43.95%	91		91	56.05%	115		115
		(1) Exclusively for by-	catches. No di	rected fisheri	es for cod ar	e permitted	under this TA	AC.	1	1	
COD/5BE6A	Cod (West of Scotland) Gadus morhua	6a; United Kingdom and international waters of 5b east of 12°00' W	1,279 (1)	69.77%	892		892	30.23%	387		387
		(1) Exclusively for by-	catches. No d	irected fisher	ries for cod a	re permitted	under this T	AC.	1		
COD/5W6-14	Cod (Rockall) Gadus morhua	6b; United Kingdom and international waters of 5b west of 12°00' W and of 12 and 14	74 (1)	66.05%	49		49	33.95%	25		25
		(1) Exclusively for by-	catches. No di	rected fisheri	es for cod ar	e permitted	under this TA	C.	•	•	•
COD/7XAD34	Cod (Celtic Sea) Gadus morhua	7b, 7c, 7e-k, 8, 9 and 10; European Union	805 (1)	9.30%	75		75	90.70%	730		730

			Agreed		UK alle	ocation			EU allo	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
		waters of CECAF 34.1.1									
		(1) Exclusively for by-	atches. No di	rected fisheri	es for cod ar	e permitted u	under this TA	C.			
DGS/15X14	Picked dogfish (Western) Squalus acanthias	6, 7 and 8; United Kingdom and international waters of 5; international waters of 1, 12 and 14	270 ⁽¹⁾	42.47%	115		115	57.53%	155		155
		(1) Picked dogfish sh management sche the fishing gear is h participating in its basis of the by-cate allowing any landing	mes may land auled on boar by-catch mand th allowance o	I not more the dunder this capement sch	an 2 tonnes quota. Each l emes. Each	per month p Party shall in Party shall e	er vessel of dependently ensure that t	picked dogfi determine he he total ann	sh that is de ow to allocate ual landing o	ad at the mo e its quota to of picked dog	ment when the vessels fish on the
HAD/07A.	Haddock (Irish Sea)	7a	3,371	52.76%	1,779		1,779	47.24%	1,592		1,592
	Melanogrammus aeglefinus										
HAD/6B1214	Haddock (Rockall)	United Kingdom, European Union and international waters of 6b; international waters 12 and 14	8,375	83.24%	6,971		6,971	16.76%	1,404		1,404
	aeglefinus										

			Agreed		UK all	ocation			EU alle	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
HAD/7X7A34	Haddock (Celtic Sea) Melanogrammus aeglefinus	7b-k, 8, 9 and 10; European Union waters of CECAF 34.1.1	15,000	16.00%	2,400		2,400	84.00%	12,600		12,600
	acgiennas										
HER/07A/MM	Herring (Irish Sea)	7a ⁽¹⁾ north of 52°30'N	7,341	88.99%	6,533		6,533	11.01%	808		808
	Clupea harengus	(1) This zone is reduced to the north by to the south by to the west by to the east by	latitude 52° 3 / latitude 52° 0 the coast of Ir	0' N, 0' N, eland,	adom.						
HER/5B6ANB	Herring (West of Scotland) Clupea	6b and 6aN ⁽¹⁾ ; United Kingdom and international waters 5b	3,480 (2)	64.05%	2,229		2,229	35.95%	1,251		1,251
	harengus	(1) Reference is to the of latitude 55° N, o(2) It shall be prohibite with the exception	r west of the med to target an	neridian of lo	ngitude 7° W the part of th	and north o	f the parallel es subject to	of latitude 50 this TAC that	6° N, excludi at lies betwe	ng the Clyde en 56° N and	

			Agreed		UK allo	ocation			EU allo	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	d data collection for of the vessels to the data collection for (s) to the Commiss	EU post- transfer quota (tonnes)
HER/7EF.	Herring (Western Channel and Bristol Channel) Clupea harengus	7e and 7f	930	50.00%	465		465	50.00%	465		465
	narorigao										
HER/7G-K.	Herring (Celtic Sea)	7a south of 52°30'N, (7g, 7h, 7j and 7k) (1)	869	0.12%	1		1 ⁽²⁾	99.88%	868		868(3)
	Clupea harengus	(1) This zone is increa	sad by the are	a bounded:							
	a. e. igue	to the north by	•								
		- to the south by									
		- to the west by									
		- to the east by		,	gdom.						
		(2) This quota may on as assessed by It Management Orga	ČES. United k	Kingdom Fis	heries Admi						
		(3) This quota may on as assessed by IC allowing any catch	ES. The Mem								
HKE/2AC4-C	Hake (North Sea)	United Kingdom and European Union waters of 4; United Kingdom waters of 2a	3,443	39.33%	1,354		1,354 (1)(2)	60.67%	2,089		2,089

			Agreed		UK alle	ocation			EU allo	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
	Merluccius merluccius	(1) Not more than 10 9 (2) Special condition: 0	•	•	-	•	,	ion and inter	national wate	ers of 6a nort	h of 58'30".
HKE/571214	Hake (Western) Merluccius merluccius	6 and 7; United Kingdom and international waters of 5b; international waters of 12 and 14	55,335	19.67%	10,884		10,884 ⁽¹⁾⁽	80.33%	44,451		44,451 ⁽¹⁾⁽ 2)
		(1) Special condition: transfers shall be n (2) Special condition: 8d and 8e (HKE/*8	otified retrosp within the limit	ectively annu	ally to the of	her Party.					
HKE/*8ABDE	Hake (Western – Bay of Biscay Flex)	8a, 8b, 8d and 8e	7,171	20.64%	1,480 ⁽²⁾		1,480	79.36% ⁽¹⁾	5,691		5,691
	Merluccius merluccius	(1) No shares defined(2) The UK quota flex		ıs 0.026749 d	of the HKE/5	71214 TAC.					
JAX/2A-14	Horse Mackerel (Western) <i>Trachurus</i> spp.	United Kingdom and European Union waters of 4a; 6, 7a-c, e-k; 8a-b, d-e; United Kingdom waters of 2a; United Kingdom and international waters of 5b; international waters of 12 and 14	70,254	9.39%	6,597		6,597 (1)(2)	90.61%	63,657		63,657 (1)(2)(3)(4)

			Agreed		UK all	ocation			EU alle	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
		(1) Special condition: for as fished under									accounted
		(2) Special condition: footnote 3, by-catc									rdance with
		(3) Up to 5 % of the quaddock, whiting a quota pursuant to h	ind mackerel c	ounted again	nst the quota	a pursuant to	this provisio	n and by-cat	ches of spec	cies counted	
		(4) Special condition: footnote 3, by-cate									rdance with
JAX/4BC7D	Horse Mackerel (Southern North Sea and Eastern Channel)	United Kingdom and European Union waters of 4b, 4c and 7d	14,014	28.54%	4,000		4,000 (2)	71.46%	10,014		10,014
	Trachurus spp	(1) Up to 5 % of the quaddock, whiting a quota pursuant to a	ind mackerel o	ounted again	nst the quota	a pursuant to	this provisio	n and by-cat	ches of spec	cies counted	
		(2) Special condition: vzone: United Kingwaters of 5b; intern	dom and Unio	n waters of	2a, 4a, 6, 7a	a-c,7e-k, 8a,					
L/W/2AC4-C	Lemon Sole and Witch (North Sea) Microstomus kitt and	United Kingdom and European Union waters of 4; United Kingdom waters of 2a	5,428	64.03%	3,476		3,476	35.97%	1,952		1,952

Code			Agreed		UK all	ocation			EU allo	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
	Glyptocephalus cynoglossus										
LEZ/07.	Megrims (7) Lepidorhombus	7	18,365	18.63%	3,421		3,421 ⁽¹⁾	81.37%	14,944		14,944 ⁽¹⁾⁽
	spp	(1) 35% of this quota r	may be fished	in 8a, 8b, 8d	and 8e (LEZ	Z/*8ABDE). T	his does not	apply to Bel	gium.		
		(2) 10% of Belgium's	quota may be ι	used in 8a, 8	b, 8d and 8e	(LEZ/*8ABD	E) for by-cat	ches in dired	ted fisheries	for sole.	
LEZ/2AC4-C	Megrims (North Sea) Lepidorhombus spp.	United Kingdom and European Union waters 4; United Kingdom waters of 2a	2,587	96.26%	2,490		2,490 (1)	3.74%	97		97 (1)
		(1) Special condition: 58'30".	of which up to	20% may b	e fished in I	Jnited Kingd	om, Europea	an Union and	d internation	al waters of	6a north of
LEZ/56-14	Megrims (West of Scotland) Lepidorhombus	6; United Kingdom and international waters of 5b; international waters of 12 and 14	5,225	39.16%	2,046		2,046 (1)	60.84%	3,179		3,179 (1)
	spp.	(1) Special condit C).	ion: of which ι	up to 25% ma	ay be fished	in United Kir	ngdom and E	uropean Un	ion waters o	f 2a and 4 (L	EZ/*2AC4-
LIN/03A-C.	Ling (3a) Molva molva	European Union waters of 3a	175	7.35%	13		13	92.65%	162		162

			Agreed		UK allo	ocation			EU alle	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
LIN/04-C.	Ling (North Sea) Molva molva	United Kingdom and European Union waters of 4	3,813	78.78%	3,004		3,004 ⁽¹⁾⁽²⁾	21.22%	809		809(1)(2)
		(1) Special condition: 58'30".(2) Special condition: 0	·	_		_	•				6a north of
LIN/6X14.	Ling (Western) Molva molva	6, 7, 8, 9 and 10; international waters of 12 and 14	18,356	36.33%	6,669		6,669 (1)	63.67%	11,687		11,687 (1)
		(1) Special condition:	of which up to	40% may be	fished in Un	ited Kingdon	n and Europe	ean Union w	aters of 4 (LI	N/*04-C.).	l
NEP/07.	Nephrops (7)	7	18,026	38.32%	6,908		6,908 ⁽¹⁾	61.68%	11,118		11,118 ⁽¹⁾
	Nephrops norvegicus	(1) Special condition: v Unit 16 of ICES Su			ementioned o	luotas, no mo	ore than the o	quantities giv	en below ma	ay be taken ir	Functional
NEP/*07U16	Nephrops (Porcupine Bank)	Functional Unit 16 of ICES Subarea 7	3,290	14.68%	483		483	85.32%	2,807		2,807
	Nephrops norvegicus										
NEP/2AC4-C	Nephrops (North Sea)	United Kingdom and European Union waters 4; United Kingdom waters of 2a	19,077	86.62%	16,524		16,524	13.38%	2,553		2,553

Code			Agreed		UK alle	ocation			EU allo	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
	Nephrops norvegicus										
NOP/2A3A4.	Norway Pout (North Sea) Trisopterus esmarkii	3a; United Kingdom and European Union waters and 4; United Kingdom waters of 2a	128,300 ⁽¹⁾ pm ⁽²⁾	15.00%	11,745		11,745 (4)(5)	85.00%	116,555		116,555 (3)(4)(5)
		 (1) TAC may only be fi (2) TAC may only be fi (3) Up to 5 % of the quagainst the quota Regulation (EU) No (4) Quota may be fished (5) Quotas adjusted to 	ished from 1 Nota may consingursuant to the 1380/2013 sleed in United Ki	lovember 20: st of by-catch his provision hall, together ngdom and I	21 to 31 Octones of haddonand by-cater, not exceed	ober 2022. ck and whitir ches of spec 9 % of the q ion waters o	cies counted Juota. f ICES zones	against the	e quota purs		
PLE/07A.	Plaice (Irish Sea) Pleuronectes platessa	7a	2,846	51.11%	1,455		1,455	48.89%	1,391		1,391
PLE/56-14	Plaice (West of Scotland) Pleuronectes platessa	6; United Kingdom and international waters of 5b; international waters of 12 and 14	658	60.77%	400		400	39.23%	258		258

			Agreed		UK alle	ocation			EU alle	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
PLE/7DE.	Plaice (English Channel)	7d and 7e	11,920	29.64%	3,533		3,533	70.36%	8,387		8,387
	Pleuronectes platessa										
PLE/7FG.	Plaice (7fg)	7f and 7g	1,911	25.14%	480		480	74.86%	1,431		1,431
	Pleuronectes platessa			l.	l.	,	1			·	
PLE/7HJK.	Plaice (7hjk)	7h, 7j and 7k	67 (1)	15.75%	11		11	84.25%	56		56
	Pleuronectes Platessa	(1) Exclusively for by	/-catches. No di	rected fisheri	es for plaice	are permitte	d under this	TAC.			
POK/7/3411	Saithe (Celtic Sea) Pollachius virens	7, 8, 9 and 10; European Union waters of CECAF 34.1.1	3,176	15.14%	481		481	84.86%	2,695		2,695
POL/07.	Dallack (7)	7	0.426	24.070/	2.074		2,071 (1)	70.030/	7.255		7,355 ⁽¹⁾
FOL/U/.	Pollack (7) Pollachius pollachius	7	9,426	21.97%	2,071		2,0/1 (*)	78.03%	7,355		7,355 (1)
	pondornad	(1) Special condition	: of which up to	2% may be f	ished in 8a,	8b, 8d and 8	e (POL/*8AB	DE).			

Code			Agreed		UK allo	ocation			EU alle	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
POL/56-14	Pollack (West of Scotland) Pollachius pollachius	6; United Kingdom and international waters of 5b; international waters of 12 and 14	184	36.62%	67		67	63.38%	117		117
PRA/2AC4-C	Northern Prawn (North Sea) Pandalus borealis	United Kingdom and European Union waters of 4; United Kingdom waters of 2a	660	22.01%	145		145	77.99%	515		515
RJU/7DE.	Undulate Ray (English Channel)	7d and 7e	234 ⁽¹⁾	30.88%	72		72	69.12%	162		162
	Raja undulata	(1) This species shall is without prejudice in UK law for the a prohibitions in UK	to the prohibit reas specified	ions set out i therein. For	n Articles 20 : United Kingo	and 57 of the	EU TAC and	l Quota Regu	ulation 2021	and relevant	prohibitions
RNG/5B67-	Roundnose Grenadier (Western)	6 and 7; United Kingdom and international waters of 5b	2,317	4.84%	112		112 ⁽¹⁾⁽²⁾	95.16%	2,205		2,205 ⁽²⁾ (3)(4)
	Coryphaenoides rupestris	(1) Exclusively for by-	catches. No di	ected fisheri	es for grenad	diers are per	mitted under	this quota.	ı	ı	l

			Agreed		UK alle	ocation			EU alle	ocation		
Code	Common Name	ICES areas (2) A maximum of 10% n	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
		(2) A maximum of 10% for roundnose gren(3) Bycatches of rough(4) The unallocated "C shared guota shall	ladier; RHG/*8 hhead grenadio Others" quota f	X14- for rou er (RHG/5B6 or Member S	ghhead gren 37-) shall be o States withou	adier bycatch counted againts shares is e	hes). nst this quota exclusively fo	a. They may	not exceed	1% of the qu	ota. against this	
RNG/8X14-	Roundnose Grenadier (8-14) Coryphaenoides rupestris	8, 9 and 10; international waters of 12 and 14	1,545	0.29%	4		4(1)(2)	99.71%	1,541		1,541(2)(3)	
		(1) Exclusively for by-c(2) A maximum of 10% for roundnose gren(3) By-catches of roug	of each quota adier; RHG/*5	may be fishe B67- for rou	ed in United I ghhead gren	Kingdom, Euradier by-cate	ropean Unior ches).	n and interna				
SAN/2A3A4.	Sandeels (North Sea, All Banks) Ammodytes spp.	United Kingdom and European Union waters of 4; United Kingdom waters of 2a; European Union waters of 3a	92,500 (1)	2.74%	2,534		2,534	97.26%	89,966		89,966 ⁽²⁾	
		 (1) In management are (2) Up to 2 % of the quagainst the quota p (EU) No 1380/2013 (3) Special condition: following sandeels 	ota may consi- ursuant to this 3 shall, togethe within the limi	st of by catch provision an er, not excee ts of the abo	nes of whiting d by catches d 9 % of the	and macker of species of quota.	el (OT1/*2A3 ounted again	BA4). By cato est the quota	thes of whiting pursuant to A	g and macke Article 15(8) c	erel counted of regulation	

			Agreed		UK alle	ocation			EU alle	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
SAN/234_1R	Sandeels (North Sea, Bank 1r)	Sandeel bank 1r	5,464		150		150		5,314		5,314
SAN/234_2R	Sandeels (North Sea, Bank 2r)	Sandeel bank 2r	5,000		137		137		4,863		4,863
SAN/234_3R	Sandeels (North Sea, Bank 3r)	Sandeel bank 3r	12,907		354		354		12,553		12,553
SAN/234_4	Sandeels (North Sea, Bank 4)	Sandeel bank 4	68,989		1,889		1,889		67,099		67,099
SAN/234_5R	Sandeels (North Sea, Bank 5r)	Sandeel bank 5r	0		0		0		0		0
SAN/234_6	Sandeels (North Sea, Bank 6)	Sandeel bank 6	140		4		4		136		136
SAN/234_7R	Sandeels (North Sea, Bank 7r)	Sandeel bank 7r	0		0		0		0		0
SBR/678-	Red Seabream (Western)	6, 7 and 8	105 ⁽¹⁾	10.00%	11		11	90.00%	95		95(2)
	Pagellus bogaraveo	(1) Exclusively for b	by-catches. No di	rected fisher	es for red se	abream are	permitted un	der this TAC			

Code			Agreed		UK alle	ocation			EU all	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
		(2) The unallocated "C shared quota shall					exclusively fo	r by-catches	. Catches to	be counted	against this
SOL/07A.	Sole (Irish Sea) Solea solea	7a	768	22.86%*	175.5		176	77.15%*	592.5		593
		*Discrepancy in TCA sh	nares due to ro	unding		l.	1				1
SOL/07D.	Sole (Eastern Channel)	7d	3,248	19.69%	640		640	80.31%	2,608		2,608
	Solea solea										
SOL/07E.	Sole (Western Channel)	7e	1,925	61.03%	1,175		1,175	38.97%	750		750
	Solea solea										
SOL/24-C.	Sole (North Sea) Solea solea	United Kingdom and European Union waters 4; United Kingdom waters of 2a	21,361	11.91%	2,544		2,544	88.09%	18,817		18,817
SOL/56-14	Sole (West of Scotland)	6; United Kingdom and international waters of 5b;	57	20.00%	11		11	80.00%	46		46

Code			Agreed		UK alle	ocation			EU alle	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	against the quota	EU post- transfer quota (tonnes)
	Solea solea	international waters of 12 and 14									
SOL/7FG.	Sole (7fg) Solea solea	7f and 7g	1,413	30.65%	433		433	69.35%	980		980
SOL/7HJK.	Sole (7hjk) Solea solea	7h, 7j and 7k	280	16.67%	47		47	83.33%	233		233
SPR/2AC4-C	Sprat (North Sea) Sprattus sprattus	United Kingdom and European Union waters 4; United Kingdom waters of 2a	pm ⁽¹⁾	3.82%				96.18% ⁽²⁾			
	spratius	(1) The TAC may only (2) Up to 2 % of the qu to this provision ar shall, together, not	ota may consis	st of by-catch of species of	nes of whiting	(OTH/*2AC					
SPR/7DE.	Sprat (English Channel)	7d and 7e	1,446	71.40%	1,032		1,032	28.60%	414		414

			Agreed		UK alle	ocation			EU allo	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
	Sprattus sprattus										
SRX/07D.	Skates and Rays (Eastern Channel)	7d	1,400 (1)(2)	15.49%	217		217 (3) (4)	84.51%	1,183		1,183 ⁽³⁾
	Rajiformes	(1) Catches of cuckoo (RJH/07D.), spotte separately.									
		(2) Shall not apply to u	ındulate ray (F	Raja undulata	n).						
		(3) Special condition: (Leucoraja naevus spotted ray (Raja n microocellata) and) (RJN/*67AK nontagui) (RJM	D), thornbac 1/*67AKD) sh	k ray (Raja all be reporte	clavata) (RJ	C/*67AKD), I	blonde ray (Raja brachy	ura) (RJH/*6	7AKD) and
		(4) Special condition: blonde ray (Raja b clavata) (RJC/*2A apply to small-eyed	rachyura) in U C4C) and spot	nion waters ted ray (Raja	of 4 (RJH/*0	4-C.), cuckoo	ray (Leucoi	raja naevus)	(RJN/*2AC4	C), thornbac	k ray (Raja
SRX/2AC4-C	Skates and Rays (North Sea)	United Kingdom and European Union waters 4; United Kingdom waters of 2a	1,650 (1) (2)	67.27%	1,110		1,110 (4)	32.73%	540		540 (4)
	Rajiformes	(1) Catches of blonde thornback ray (Raj									
		(2) By-catch allocation This condition appl obligation as set or	ies only to ves	sels over 15	metres' leng	jth overall. T	his provision	shall not ap	ply for catche	es subject to	

			Agreed		UK allo	ocation			EU allo	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
		(3) Shall not apply to b 2a and 4. When ac encouraged to dev	cidentally cau	ght, these sp	ecies shall n	ot be harme	d. Specimen	s shall be pr	omptly releas	sed. Fisherm	
		(4) Special condition: of the prohibitions set areas specified the thornback ray (Raja condition shall not a	out in Articles erein. Catche a clavata) (RJ	s 20 and 57 o s of blonde C/*07D2.) and	of the EU TA ray(Raja b d spotted ray	C and Quota rachyura) (F (Raja mont	a Regulation RJH/*07D2.), agui) (RJM/*	2021 and re cuckoo ray 07D2.) shall	elevant prohil (Leucoraja be reported	oitions in UK naevus) (R.	law for the JN/*07D2.),
SRX/67AKXD	Skates and Rays (Western) Rajiformes	United Kingdom and European Union waters of 6a, 6b, 7a-c and 7e-k	9,675 (1) (2)	28.94%	2,800		2,800 (4)	71.06%	6,875		6,875 (4)
		 (1) Catches of cuckoo (RJH/67AKXD), sp (Leucoraja fullonica (2) Shall not apply to harmed. Specimen facilitate the rapid small-eyed ray in 7 	ootted ray (Ra a) (RJF/67AK) small-eyed ra s shall be pro and safe relea	aja montagui) (D) shall be r by (Raja micromptly release ase of the spe	(RJM/67Ár eported sep oocellata), e ed. Fisherme ecies. Withir	(XD), sandy arately. xcept in 7f aren shall be en the limits of	ray (Leucor and 7g. Whe ncouraged to	aja circulari n accidenta o develop ar	s) (RJÍ/67AK lly caught, th	(XD) and sh his species s iques and ed	hall not be
		(3) Shall not apply to u	ındulate ray (F	Raja undulata).						
		(4) Special condition: of in Articles 20 and 5 Catches of cuckod (RJH/*07D.), spotto (RJF/*07D.) shall be ray (Raja undulata)	57 of the EU To ray (Leucora ed ray (Raja rose reported se	AC and Quotaja naevus) (montagui) (R	ta Regulation RJN/*07D.), JM/*07D.), s	n 2021 and r thornback ra sandy ray (R	elevant proh ay (Raja cla aja circularis	ibitions in Ulvata) (RJC/* (RJI/*07D.	Claw for the 07D.), blond) and shagre	areas specif le ray (Raja een ray (Raj	ied therein. brachyura) a fullonica)

			Agreed		UK allo	ocation			EU alle	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
RJE/7FG.	Small-eyed Ray (7fg)	7f and 7g	123	43.64%	54		54 ⁽¹⁾	56.36%	69		69 ⁽¹⁾
	Raja microocellata	(1) Special condition: special condition is prohibitions in UK	without prejud	dice to the pro	phibitions set						
T/B/2AC4-C	Turbot and Brill (North Sea) Scophthalmus maxima and	United Kingdom and European Union waters of 4; United Kingdom waters of 2a	5,848	18.18%	1,063		1,063	81.82%	4,785		4,785
	Scophthalmus rhombus										
USK/04-C.	Tusk (North Sea)	United Kingdom and European Union waters of 4	251	40.54%	102		102 (1)	59.46%	149		149 (1)(2)
	Brosine brosine	(1) Special condition: 58'30".	of which up to	25% may b	e fished in l	Jnited Kingd	om, Europea	an Union and	d internation	al waters of	6a north of
		(2) The unallocated "C shared quota shall					exclusively fo	r by-catches	. Catches to	be counted	against this
USK/567EI.	Tusk (Western) Brosme brosme	6 and 7; United Kingdom and international waters of 5	4,294	29.27%	1,257		1,257 ⁽¹⁾	70.73%	3,037		3,037
		(1) Special condition:	of which up to	10% may be	fished in Un	ited Kingdon	n and Europe	ean Union wa	aters of 4 (U	USK/*04-C.).	

			Agreed		UK allo	ocation			EU allo	ocation	
Code	Common Name	ICES areas	Total Allowable Catch (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA TAC share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
		(2) The unallocated "C shared quota shall					xclusively fo	r by-catches	. Catches to	be counted a	against this
WHG/07A.	Whiting (Irish Sea) Merlangius	7a	721 ⁽¹⁾	57.73%	416		416	42.27%	305		305
	merlangus	(1) Exclusively for by-	catches. No dir	ected fisheri	es for whiting	g are permitte	ed under this	TAC.			
WHG/56-14	Whiting (West of Scotland) Merlangius merlangus	6; United Kingdom and International waters of 5b; international waters of 12 and 14	937 (1)	62.47%	585		585	37.53%	352		352
		(1) Exclusively for by-	catches. No dir	ected fisheri	es for whiting	g are permitte	ed under this	TAC.			
WHG/7X7A-C	Whiting (Celtic Sea) Merlangius	7b,7c,7d,7e,7f,7g,7h, 7j and 7k	10,259	11.05%	1,134		1,134	88.95%	9,125		9,125
	merlangus										

Table 2 – stocks that are only present in one parties waters but for which both Parties hold a share (stocks extracted from TCA Annex FISH.2F)

Code			Agreed		UK alle	ocation			EU alle	ocation	
Code	Common name	ICES areas	Total Allowable Catch (tonnes)	TCA share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA share (%)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)
GHL/2A-C46	Greenland Halibut (North Sea and West of Scotland) Reinhardtius hippoglossoides	6 UK and Union waters of 4; UK waters of 2a; UK and international waters of 5b	2,571	72.65%	1,868		1,868	27.35%	703		703
LIN/05EI.	Ling (5) Molva molva	UK and international waters of 5	32	18.52%	6		6	81.48%	26		26
LIN/1/2.	Ling (1 and2)	UK and international waters of 1 and 2 (1) The unallocated "C					10 exclusively fo	77.78%	33	be counted	33 ⁽¹⁾
		shared quota shall	be reported se	eparately (LI	N/1/2_AMS).						
NEP/5BC6	Nephrops (West of Scotland) Molva molva	6; UK and international waters of 5b	14,945	97.64%	14,592		14,592	2.36%	353		353

			Agreed		UK alle	ocation			EU allo	Transfer to/from	
Code	Common name	ICES areas	Total Allowable Catch (tonnes)	TCA share (%)	TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA share (%)	TCA quota (tonnes)		EU post- transfer quota (tonnes)
SBR/10-	Red Seabream (Azores) Pagellus bogaraveo	Union and international waters of 10	610	0.88%	5		5	99.12%	605		605
SRX/89-C.	Skates and Rays (8 and 9)	Union waters of 8 and 9	5,140 (1)(2)	0.22%	11		11	99.78%	5,129		5,129
	, ignomic	 (1) Catches of cuckoo (RJC/89-C.) shall b (2) Shall not apply to u In cases where it is gutted. The above Regulation 2021 ar 	e reported sep indulate ray (R s not subject to provisions ar	parately. Raja undulata o the landing e without pr). Undulate roughly obligation, being to the contraction of the contra	ray (Raja und by-catch of under the prohibition	dulata) shall r ndulate ray ir ns set out in	not be target	ed in the are 3 and 9 may	as covered b	y this TAC.
USK/1214EI	Tusk (1,2 and 14)	UK and international waters of 1, 2 and 14	22 ⁽¹⁾	28.57%	6		6	71.43%	16		16 ⁽²⁾
	Brosme brosme	(1) Exclusively for by-0(2) Catches to be cour				•			K/1214EI_AN	/s).	1

Table 3 – TACs set in other international fora (for footnotes only)

Code	Common name	ICES areas	Agreed Total Allowable Catch (tonnes)	UK allocation			EU allocation			
				TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)	
COD/07D.	Cod (Eastern Channel)	7d	772	71		71 (1)	701		701 ⁽¹⁾	
	Gadus morhua	(1) Special condition: of which up to 5% may be fished in United Kingdom and European Union waters of 4, that part of 3a not covered by the Skagerrak and Kattegat and United Kingdom waters of 2a (COD/*2A3X4).								
COD/2A3AX4	Cod (North Sea) Gadus morhua	4; UK waters of 2a; that part of 3a not covered by the Skagerrak and Kattegat	13,246	5,824		5,824 (1)	5,170		5,170 (1)	
		(1) Special condition: of which up to 5% may be fished in 7d (COD/*07D).								
HAD/2AC4.	Haddock (North Sea) Melanogrammus aeglefinus	4; UK waters of 2a	42,785	26,865		26,865 (1)	6,080		6,080 (1)	
		(1) Special condition: of which up to 10% may be fished in United Kingdom, European Union and international waters of-6a north of 58'30".								
HAD/5BC6A.	Haddock (West of Scotland) Melanogrammus aeglefinus	6a; United Kingdom and international waters of 5b	4,767	3,843		3,843 (1)	924		924 (1)	
		(1) Special condition: of wh	l nich up to 25% m	l nay be fished in	United Kingdo	l om and Europe	l ean Union wate	l rs of 2a and 4 (HAD/*2AC4).	

	Common name	ICES areas	Agreed Total Allowable Catch (tonnes)	UK allocation			EU allocation			
Code				TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)	
HER/2A47DX	Herring (North Sea Bycatch) Clupea harengus	4 and 7d; UK waters of 2a	Not relevant							
		(1) Exclusively for catches of herring taken as by-catch in fisheries using nets with mesh sizes smaller than 32 mm.								
HER/4AB.	Herring (North Sea) Clupea harengus	UK, Union and Norwegian waters of 4 north of 53° 30' N	Not relevant							
	(1) Catches of herring taken in fisheries using nets with mesh sizes equal to or larger than 32 mm.									
HER/4CXB7D	Herring (Southern North Sea and 7d) Clupea harengus	4c and 7d	Not relevant			N/A ⁽³⁾			N/A ⁽³⁾	
	Ciupea narengus	 Exclusively for catches of herring taken in fisheries using nets with mesh sizes equal to or larger than 32 mm. Except Blackwater stock: reference is to the herring stock in the maritime region of the Thames estuary within a zone delimited by a rhumb line running due south from Landguard Point (51° 56' N, 1° 19.1' E) to latitude 51° 33' N and hence due west to a point on the coast of the United Kingdom. Special condition: up to 50% of this quota may be taken in 4b (HER/*04B). 								
POK/2C3A4	Saithe (North Sea) Pollachius virens	3a and 4; UK waters of 2a	59,512	6,368		6, 368 (1)	22,198		22,198 (1)	
		(1) Special condition: of w of 58'30".	hich up to 15% n	nay be fished ii	n United Kingd	om, European	Union and inte	rnational wate	rs of 6a north	

Code	Common name	ICES areas	Agreed Total Allowable Catch (tonnes)	UK allocation			EU allocation			
				TCA quota (tonnes)	Transfer to/from EU (tonnes)	UK post- transfer quota (tonnes)	TCA quota (tonnes)	Transfer to/from UK (tonnes)	EU post- transfer quota (tonnes)	
POK/56-14 Saithe (West of Scotland)	,	6; United Kingdom and international waters of 5b, 12 and 14	6,175	2,327		2,327 (1)	3,848		3,848 (1)	
	r endernde virene	(1) Special condition: of which up to 30% may be fished in United Kingdom and European Union waters of 2a and 4 (POK/*2C3A4).								
MAC/2A34	Mackerel (North Sea)	3a and 4; UK waters of 2a; Union waters of 3b, 3c and Subdivisions 22- 32	Not relevant			N/A ⁽¹⁾			N/A ⁽¹⁾	
		(1) Special condition: up (MAC/*2CX14.).	to 60% may be f	ished in United	d Kingdom and	d international	waters of 2a,	5b, 6, 7, 8d, 8	e, 12 and 14	
MAC/2CX14-	Mackerel (Western)	6, 7, 8a, 8b, 8d and 8e; UK and international waters of 5b; international waters of 2a, 12 and 14	Not relevant			N/A ⁽¹⁾			N/A ⁽¹⁾	
		(1) Special condition: up January to 14 Februar				vaters of 4a (N	лАС/*4A) excl	usively within	the periods 1	

Table 4 – List of flexibilities relating to stocks in Annex 37 to the TCA (consultative stocks)

Code Common name ICES area Flexibilities	
--	--

HKE/03A.	Hake (3a) Merluccius merluccius	3a	Transfers of this quota may be affected to United Kingdom and Union waters of 2a and 4. However, such transfers shall be notified in advance to the UK.
HKE/8ABDE.	Hake (Bay of Biscay) Merluccius merluccius	8a, 8b, 8d and 8e	Transfers of this quota may be affected to United Kingdom and Union waters of 2a and 4. However, such transfers shall be notified in advance to the UK. Limits on catches set against HKE/*57-14 will be maintained.
SPR/03A	Sprat (3a) Sprattus sprattus	3a	The TAC may only be fished from 1 July 2021 to 30 June 2022. Transfers of this quota may be effected to United Kingdom and Union waters of 2a and 4. However, such transfers shall be notified in advance to the UK. Up to 5% of the quota may consist of by-catches of whiting and haddock (OTH/*03A). By-catches of whiting and haddock counted against the quota pursuant to this provision and by-catches of species counted against the quota pursuant to Article 15(8) of Regulation (EU) No 1380/2013 shall, together not exceed 9% of the quota.
HER/03A	Herring (3a) Clupea harengus	3a	Special condition- Up to 50% of this amount may be fished un United Kingdom and Union waters of 4 (HER/*04-C).

Annex 2

Prohibited species list

This annex sets out the list of prohibited species exchanged by the Delegations and referred to in paragraph 10 of this Written Record. Further information can be found in each Party's relevant legislation or licence conditions, including any conditions and exceptions.

1. EU and UK prohibited species

Union waters and United Kingdom waters

- angel shark (Squatina squatina)
- the Adriatic sturgeon (Acipenser naccarii)
- common sturgeon (Acipenser sturio)
- hatpin urchin (Centrostephanus longispinus)
- reef manta ray (Manta alfredi)
- giant manta ray (Manta birostris)
- narrow sawfish (Anoxypristis cuspidata)
- dwarf sawfish (Pristis clavata)
- smalltooth sawfish (Pristis pectinata)
- largetooth sawfish (Pristis pristis)
- green sawfish (Pristis zijsron)
- devil fish (Mobula mobular)
- lesser Guinean devil ray (Mobula rochebrunei)
- spinetail mobula (Mobula japanica)
- smoothtail mobula (Mobula thurstoni)
- longhorned mobula (Mobula eregoodootenkee)
- Munk's devil ray (Mobula munkiana)
- Chilean devil ray (Mobula tarapacana)
- shortfin devil ray (Mobula kuhlii)
- lesser devil ray (Mobula hypostoma)
- basking shark (Cetorhinus maximus)
- white shark (Carcharodon carcharias)
- porbeagle (Lamna nasus)
- whale shark (Rhincodon typus)

Union waters and United Kingdom waters of ICES division 4b

• houting (Coregonus oxyrhynchus)

Union waters and United Kingdom waters of ICES divisions 2a, 3a and 7d and ICES subarea 4

• starry ray (Raja radiata)

Union waters and United Kingdom waters of ICES division 2a and ICES subarea

- leafscale gulper shark (Centrophorus squamosus)
- Portuguese dogfish (Centroscymnus coelolepis)
- kitefin shark (*Dalatias licha*)
- birdbeak dogfish (*Deania calcea*)

United Kingdom waters and Union waters of ICES division 2a and ICES sub-area 4 and in United Kingdom and Union waters of ICES sub-areas 5, 6, 7 and 8

• tope shark (Galeorhinus galeus) when taken with longlines

United Kingdom and Union waters of ICES division 2a and sub-area 4 and in United Kingdom and Union waters of ICES sub-areas 5, 6, 7 and 8

• smooth lantern shark (*Etmopterus pusillus*)

Union waters and United Kingdom waters of ICES division 2a and United Kingdom and Union waters of ICES sub-areas 3, 4, 6, 7, 8, 9 and 10

common skate (Dipturus batis) complex (Dipturus cf. flossada and Dipturus cf. intermedia)

Union waters and United Kingdom waters of ICES division 2a and United Kingdom and Union waters of ICES subarea 4

• great lanternshark (*Etmopterus princeps*)

Union waters and United Kingdom waters of ICES division 3a

• thornback ray (*Raja clavata*)

Union waters and United Kingdom waters of ICES sub-areas 6 and 10

• undulate ray (Raja undulata)

Union waters and United Kingdom waters of ICES subareas 2, to 10, with the exception of avoidance programmes

spurdog (picked dogfish) (Squalus acanthias)

Union waters and United Kingdom waters of ICES sub-areas 1 to 10

orange roughy (Hoplostethus atlanticus)

Union waters and United Kingdom waters of ICES subareas 5 to 10 and in Union waters of CECAF 34.1.1, 34.1.2 and 34.2

- deep-water catsharks (apristurus spp.)
- frilled shark (chlamydoselachus anguineus)
- gulper sharks (centrophorus spp.)
- Portuguese dogfish (centroscymnus coelolepis)
- longnose velvet dogfish (centroscymnus crepidater)
- black dogfish (centroscyllium fabricii)
- birdbeak dogfish (deania calcea)
- kitefin shark (dalatias licha)
- great lanternshark (etmopterus princeps)
- velvet belly (etmopterus spinax)
- mouse catshark (galeus murinus)
- bluntnose six-qill shark (hexanchus griseus)
- sailfin roughshark (sharpback shark) (oxynotus paradoxus)
- knifetooth dogfish (scymnodon ringens)
- Greenland shark (somniosus microcephalus)

2) Additional species prohibited in Union waters

Union waters of ICES divisions 6a, 6b, 7a, 7b, 7c, 7e, 7g, 7h and 7k

Norwegian skate (Raja (Dipturus) nidarosiensis)

Union waters of ICES sub-areas 6 to 10

• white skate (*Raja alba*)

Union waters of ICES sub-areas 3, 4, 6, 7, 8, 9 and 10

• guitarfishes (*Rhinobatidae*)

Union waters of ICES divisions 3a and 4b

berried female European lobster (Homarus gammarus)

Union waters of the Mediterranean sea

- berried female crawfish (*Palinurus spp.*)
- berried female lobster (*Homarus gammarus*)
- date shell (*Lithophaga lithophaga*)
- fan mussel (Pinna nobilis)
- common piddock (Pholas dactylus)
- common guitarfish (Rhinobatos rhinobatos)

3) Additional species prohibited in United Kingdom waters

United Kingdom waters of ICES divisions 6a, 6b, 7a, 7e, 7f, 7g and 7h

• Norwegian skate (Raja (Dipturus) nidarosiensis)

United Kingdom waters outside the six mile limit measured from baselines in ICES sub-areas 2 and 4 to 8, when fishing with any towed net

- salmon (Salmo salar)
- sea trout (Salmo trutta)

United Kingdom waters of ICES sub-areas 6, 7 and 8

• white skate (Raja alba)

United Kingdom waters of ICES sub-areas 5 to 8

• guitarfishes (*Rhinobatidae*)

Annex 3

Inter-annual quota flexibility – TAC list

It was agreed that neither Party will carry over unused quota from its 2020 allocation for fishing during 2021 and 2021 allocation for fishing during 2022, for the following TACs:

- COD/5BE6A
- WHG/56-14
- WHG/07A
- PLE/7HJK