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Data call: Data submission for ICES Working Group on Elasmobranch Fishes (WGEF)

1. Scope of the Data call

ICES Member Countries are requested to provide for the following elasmobranch species;

1. Landings data for 2017 for all elasmobranchs identified in Annex 1.
2. Discards data for all elasmobranchs for available years between 2009–2017 for the elasmobranchs identified in Table 2 below.
3. Length data for the application of ICES F_{MSY} Proxies for the elasmobranchs identified in Table 3 below.

2. Rationale

The data call for catches of elasmobranch species (2017) will support the work of the ICES Working Group on Elasmobranch Fishes (WGEF) for the analysis and provision of advice during 2018.

3. Legal framework

The legal framework for the data call is as follows:

Council Regulation (EC) No 2017/1004 concerning the establishment of a Union framework for the collection, management and use of data in the fisheries sector and support for scientific advice regarding the Common Fisheries Policy.

Council Regulation (EU) No 1380/2013 on the Common Fisheries Policy, amending Council Regulations (EC) No 1954/2003 and (EC) No 1224/2009.

4. Deadlines

National coordinators for France, Ireland, Netherlands, Norway, Portugal, Spain and UK should liaise with their national WGEF delegates to ensure that additional fields, as indicated in the WKSHARKS3 report (ICES, 2016), are completed prior to submission to data.call@ices.dk. For other Member States, data can be submitted directly to ICES data.call@ices.dk.

Data should be submitted to the ICES Secretariat by **28th May 2018**. A list of relevant FAO codes is available on annex 1.

5. Data to report

5.1 Data types

5.1.1 Landings data

Provide national landings data for all categories of elasmobranch fish for 2017. These data should be provided in a single file (e.g. ES_Elasmobranch_Landings_2017.csv or *.xls) and should follow the Intercatch SI format (annex 2), and be reported by Year, Fleet (see below), ICES Division and landings should be provided in tonnes (three decimal places).

Where practicable, 'fleet' data should be provided for the following categories: (i) beam trawl, (ii) all other bottom trawls (including otter and pair trawls), (iii) pelagic trawls, (iv) hooks and lines, (v) nets, (vi) seines and (vii) all other gears. If Member States are unable to provide data by these named gear categories, then data should be submitted at métiers at DCF level 2.

Submitted data should include national landings for all elasmobranch species in FAO area 27 as well as landings in extra areas (see Table 1) for the following WGEF stocks:

Table 1. Elasmobranchs stock per FAO area.

FAO area	Stock code	Description
34	cyo.27.nea	Portuguese dogfish (<i>Centroscymnus coelolepis</i> , <i>Centrophorus squamosus</i>) in subareas 1–10, 12 and 14 (the Northeast Atlantic and adjacent waters)
	guq.27.nea	Leafscale gulper shark (<i>Centrophorus squamosus</i>) in subareas 1–10, 12 and 14 (the Northeast Atlantic and adjacent waters)
34 and 37	por.27.nea	Porbeagle (<i>Lamna nasus</i>) in subareas 1–10, 12 and 14 (the Northeast Atlantic and adjacent waters)
	gag.27.nea	Tope (<i>Galeorhinus galeus</i>) in subareas 1–10, 12 and 14 (the Northeast Atlantic and adjacent waters)
	sdv.27.nea	Smooth-hound (<i>Mustelus</i> spp.) in subareas 1–10, 12 and 14 (the Northeast Atlantic and adjacent waters)
21, 31, 34 and 37	thr.27.nea	Thresher sharks (<i>Alopias</i> spp.) in Subareas 10, 12, Divisions 7.c-k, 8.d-e, and Subdivisions 5.b.1, 9.b.1, 14.b.1 (Northeast Atlantic)
	bsk.27.nea	Basking shark (<i>Cetorhinus maximus</i>) in Subareas 1–10, 12 and 14 (Northeast Atlantic and adjacent waters)

5.1.2 Discards Data.

Provide national estimated discards (tonnes) by fleet (as described above for the landings) or métiers at DCF level 2 or higher, preferably for the years 2009–2017 but at least for the last 3 years. These data should be provided in a single file (e.g. ES_Elasmobranch_Discards_2009_2017.csv or *.xls). Data should also follow the InterCatch SI format (annex 2) where possible for the following stocks with update assessment in 2018:

Table 2. WGEF stocks of categories 2 to 6 that will update the assessment in 2018.

FAO area	Stock code	Description
27	dgs.27.nea	Spurdog (<i>Squalus acanthias</i>) in Subareas 1-10, 12 and 14 (the Northeast Atlantic and adjacent waters)
	rjc.27.6	Thornback ray (<i>Raja clavata</i>) in Subarea 6 (West of Scotland)
	rjc.27.7afg	Thornback ray (<i>Raja clavata</i>) in divisions 7.a and 7.f-g (Irish Sea, Bristol Channel, Celtic Sea North)
	rjc.27.8	Thornback ray (<i>Raja clavata</i>) in Subarea 8 (Bay of Biscay)
	rjc.27.9a	Thornback ray (<i>Raja clavata</i>) in Division 9.a (Atlantic Iberian waters)
	rje.27.7fg	Small-eyed ray (<i>Raja microocellata</i>) in divisions 7.f and 7.g (Bristol Channel, Celtic Sea North)
	rjh.27.9a	Blonde ray (<i>Raja brachyura</i>) in Division 9.a (Atlantic Iberian waters)
	rjm.27.67bj	Spotted ray (<i>Raja montagui</i>) in Subarea 6 and divisions 7.b and 7.j (West of Scotland, west and southwest of Ireland)
	rjm.27.7ae-h	Spotted ray (<i>Raja montagui</i>) in divisions 7.a and 7.e-h (southern Celtic Seas and western English Channel)
	rjm.27.8	Spotted ray (<i>Raja montagui</i>) in Subarea 8 (Bay of Biscay)
	rjm.27.9a	Spotted ray (<i>Raja montagui</i>) in Division 9.a (Atlantic Iberian waters)
	rjn.27.678abd	Cuckoo ray (<i>Leucoraja naevus</i>) in subareas 6-7 (West of Scotland, southern Celtic Seas, and western English Channel)
	rjn.27.8c	Cuckoo ray (<i>Leucoraja naevus</i>) in Division 8.c (Cantabrian Sea)
	rjn.27.9a	Cuckoo ray (<i>Leucoraja naevus</i>) in Division 9.a (Atlantic Iberian waters)
	rju.27.7de	Undulate ray (<i>Raja undulata</i>) in divisions 7.d and 7.e (English Channel)
	raj.27.67a-ce-h	Rays and skates (<i>Rajidae</i>) in Subarea 6 and divisions 7.a-c and 7.e-h (Rockall and West of Scotland, southern Celtic Seas, western English Channel)
raj.27.89a	Rays and skates (<i>Rajidae</i>) in Subarea 8 and Division 9.a (Bay of Biscay and Atlantic Iberian waters)	
rjb.27.67a-ce-k	Common skate (<i>Dipturus batis</i> -complex flapper skate (<i>Dipturus</i> cf. <i>Flossada</i>) and blue skate (<i>Dipturus</i> cf. <i>intermedia</i>) in Subarea 6 and divisions 7.a-c and 7.e-k (Celtic Seas and western English Channel)	

FAO area	Stock code	Description
	rjb.27.89a	Common skate (<i>Dipturus batis-complex</i>) in Subarea 8 and Division 9.a (Bay of Biscay and Atlantic Iberian waters)
	rjc.27.7e	Thornback ray (<i>Raja clavata</i>) in Division 7.e (western English Channel)
	rje.27.7de	Small-eyed ray (<i>Raja microocellata</i>) in divisions 7.d and 7.e (English Channel)
	rjf.27.67	Shagreen ray (<i>Leucoraja fullonica</i>) in subareas 6-7 (West of Scotland, southern Celtic Seas, English Channel)
	rjh.27.7afg	Blonde ray (<i>Raja brachyura</i>) in divisions 7.a and 7.f-g (Irish Sea, Bristol Channel, Celtic Sea North)
	rjh.27.7e	Blonde ray (<i>Raja brachyura</i>) in Division 7.e (western English Channel)
	rji.27.67	Sandy ray (<i>Leucoraja circularis</i>) in subareas 6-7 (West of Scotland, southern Celtic Seas, English Channel) Bottom of Form
	rju.27.7bj	Undulate ray (<i>Raja undulata</i>) in divisions 7.b and 7.j (west and southwest of Ireland)
	rju.27.8ab	Undulate ray (<i>Raja undulata</i>) in divisions 8.a-b (northern and central Bay of Biscay)
	rju.27.8c	Undulate ray (<i>Raja undulata</i>) in Division 8.c (Cantabrian Sea)
	rju.27.9a	Undulate ray (<i>Raja undulata</i>) in Division 9.a (Atlantic Iberian waters)

Nations are also requested to provide information on the raising methods used as an extra annex to to data.call@ices.dk.

5.1.3. Length composition+

Length composition for discards and landings in centimeters (cm), from at least the last three years (e.g. 2017, 2016, 2015) and supporting information on life history parameters (length at first maturity (L_{mat}) and growth parameters (e.g., L_{inf} , K) and M (natural mortality) (see annex 3) for the stocks below (Table 3).

Data should contain the following fields per stock: Year, Country, Catch category (DIS or LAN), Sex (M, F), Length (cm) and Number of individuals.

Table 3. WGEF stocks of category 3 that will update the assessment in 2018.

FAO area	Stock code	Description
27	rjc.27.6	Thornback ray (<i>Raja clavata</i>) in Subarea 6 (West of Scotland)
	rjc.27.7afg	Thornback ray (<i>Raja clavata</i>) in divisions 7.a and 7.f-g (Irish Sea, Bristol Channel, Celtic Sea North)
	rjc.27.8	Thornback ray (<i>Raja clavata</i>) in Subarea 8 (Bay of Biscay)
	rjc.27.9a	Thornback ray (<i>Raja clavata</i>) in Division 9.a (Atlantic Iberian waters)
	rje.27.7fg	Small-eyed ray (<i>Raja microocellata</i>) in divisions 7.f and 7.g (Bristol Channel, Celtic Sea North)
	rjh.27.9a	Blonde ray (<i>Raja brachyura</i>) in Division 9.a (Atlantic Iberian waters)
	rjm.27.67bj	Spotted ray (<i>Raja montagui</i>) in Subarea 6 and divisions 7.b and 7.j (West of Scotland, west and southwest of Ireland)
	rjm.27.7ae-h	Spotted ray (<i>Raja montagui</i>) in divisions 7.a and 7.e-h (southern Celtic Seas and western English Channel)
	rjm.27.8	Spotted ray (<i>Raja montagui</i>) in Subarea 8 (Bay of Biscay)
	rjm.27.9a	Spotted ray (<i>Raja montagui</i>) in Division 9.a (Atlantic Iberian waters)
	rjn.27.678abd	Cuckoo ray (<i>Leucoraja naevus</i>) in subareas 6-7 (West of Scotland, southern Celtic Seas, and western English Channel)
	rjn.27.8c	Cuckoo ray (<i>Leucoraja naevus</i>) in Division 8.c (Cantabrian Sea)
	rjn.27.9a	Cuckoo ray (<i>Leucoraja naevus</i>) in Division 9.a (Atlantic Iberian waters)
rju.27.7de	Undulate ray (<i>Raja undulata</i>) in divisions 7.d and 7.e (English Channel)	

All countries having landings or discards data on these stocks should submit data, even if sampling size is small given the importance and scarce data of these species.

6. Data submission

For information on intercatch format , please see the 'InterCatch Exchange Manuals' on the ICES website for information on the required exchange format and used codes at <http://www.ices.dk/marine-data/data-portals/Pages/InterCatch.aspx>.

6.1 Reporting of data

Files to be submitted for data.call@ices.dk must have country reference, data type reference and stock code when appropriate. The files should be submitted in as few e-mails as possible.

Landings: e.g. ES_Elasmobranch_Landings_2017.csv or *.xls

Discards: ES_Elasmobranch_Discards_2009_2017.csv or *.xls

Length data (by stock): ES_rjc.27.6_Length_2015_2017.csv or *.xls

6.2 Units

Landings: in tonnes (three decimal places).

Discards: in tonnes (three decimal places).

Length data: Number of individuals landed or discarded by centimeters (cm).

6.3 Zero catch

Countries with no landings for stocks **for which they usually report catches** should enter a value of zero. This will reassure the stock assessor that no data are missing. A single import of an annual zero landing stratum is acceptable.

7. Contact information

For questions about the content of the data call, please contact: advice@ices.dk and the WG chairs, Samuel Shephard Sam.Shephard@fisheriesireland.ie and Paddy Walker paddy.walker@hvh.nl.

For questions on data submission, please contact: data.call@ices.dk

For support concerning InterCatch format issues please contact: InterCatchsupport@ices.dk

8. References

ICES. 2016. Report of the Workshop to compile and refine catch and landings of elas-mobranchs (WKSHARKS), 19–22 January 2016, Lisbon, Portugal . ICES CM 2016/ACOM:40. 69 pp.