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Information
(STECF-15-12)

Corrigendum

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Abstract

The text and tables below should replace the corresponding sections in the Evaluation of Fisheries Dependent Information (STECF 2015. Evaluation of Fisheries Dependent Information (STECF-15-12). Publications Office of the European Union, Luxembourg, EUR 27416 EN, JRC97365).

SCIENTIFIC, TECHNICAL AND ECONOMIC COMMITTEE FOR FISHERIES (STECF)

EVALUATION OF FISHERIES DEPENDENT INFORMATION (STECF-15-12)

CORRIGENDUM

The text and tables below should replace the corresponding sections in the Evaluation of Fisheries Dependent Information (STECF 2015. Evaluation of Fisheries Dependent Information (STECF-15-12). Publications Office of the European Union, Luxembourg, EUR 27416 EN, JRC97365).

STECF comments, observations and conclusions

Kattegat

donor gear	receiving gear						2012-2014		factor = CPUE donor/CPUE receiving if factor > 1 then factor = 1 if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
	GN1	GT1	LL1	TR1	TR2	TR3	CPUE	LPUE	
3a GN1		1	1	1	0.39	1	53	32	
3a GT1	0.056		1	0.064	0.022	0.397	3	3	
3a LL1	0.019	0.339		0.022	0.007	0.134	1	1	
3a TR1	0.88	1	1		0.343	1	46	14	
3a TR2	1	1	1	1		1	136	31	
3a TR3	0.141	1	1	0.16	0.055		7	7	

Skagerrak

donor gear	receiving gear								2012-2014		factor = CPUE donor/CPUE receiving if factor > 1 then factor = 1 if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
	BT1	BT2	GN1	GT1	LL1	TR1	TR2	TR3	CPUE	LPUE	
3b1 BT1		0.318	0.028	0.043	0.07	0.034	0.062	0.49	52	52	
3b1 BT2	1		0.089	0.136	0.219	0.108	0.194	1	164	164	
3b1 GN1	1	1		1	1	1	1	1	1841	1805	
3b1 GT1	1	1	0.655	1	1	0.791	1	1	1206	1180	
3b1 LL1	1	1	0.407	0.621		0.492	0.886	1	749	749	
3b1 TR1	1	1	0.827	1	1		1	1	1523	1147	
3b1 TR2	1	1	0.459	0.701	1	0.555		1	846	452	
3b1 TR3	1	0.643	0.057	0.087	0.141	0.069	0.125		105	105	

North Sea and 2EU

donor gear	receiving gear								2012-2014		factor = CPUE donor/CPUE receiving if factor > 1 then factor = 1 if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
	BT1	BT2	GN1	GT1	LL1	TR1	TR2	TR3	CPUE	LPUE	
3b2 BT1		1	0.484	1	1	0.279	1	1	335	287	
3b2 BT2	0.089		0.043	0.138	0.093	0.025	0.146	1	30	25	
3b2 GN1	1	1		1	1	0.576	1	1	691	663	
3b2 GT1	0.649	1	0.314		0.673	0.181	1	1	217	206	
3b2 LL1	0.964	1	0.467	1		0.269	1	1	322	322	
3b2 TR1	1	1	1	1	1		1	1	1200	972	
3b2 TR2	0.611	1	0.296	0.942	0.634	0.17		1	204	70	
3b2 TR3	0.014	0.154	0.007	0.021	0.014	0.004	0.023		5	5	

Eastern Channel

donor gear		receiving gear							2012-2014		
		BT1	BT2	GN1	GT1	LL1	TR1	TR2	TR3	CPUE	LPUE
3b3	BT1		1	0.16	0.89	1	0.191	0.664	1	77	77
3b3	BT2	0.292		0.047	0.26	0.724	0.056	0.194	1	22	20
3b3	GN1	1	1		1	1	1	1	1	479	479
3b3	GT1	1	1	0.18		1	0.215	0.745	1	86	84
3b3	LL1	0.403	1	0.065	0.359		0.077	0.268	1	31	31
3b3	TR1	1	1	0.838	1	1		1	1	402	389
3b3	TR2	1	1	0.241	1	1	0.288		1	116	86
3b3	TR3	0.181	0.62	0.029	0.161	0.449	0.035	0.12		14	12

factor = CPUE donor/CPUE receiving
 if factor > 1 then
 factor = 1
 if CPUE=0 or LPUE = 0 then
 CPUE=1 or LPUE=1

Irish Sea

donor gear		receiving gear							2012-2014	
		BT2	GN1	GT1	LL1	TR1	TR2	TR3	CPUE	LPUE
3c	BT2		0.426	1	1	0.403	0.865	1	69	52
3c	GN1	1		1	1	0.946	1	1	163	163
3c	GT1	0.014	0.006		0.071	0.006	0.012	1	1	1
3c	LL1	0.203	0.087	1		0.082	0.176	1	14	14
3c	TR1	1	1	1	1		1	1	173	170
3c	TR2	1	0.492	1	1	0.465		1	80	29
3c	TR3	0.014	0.006	1	0.071	0.006	0.012		1	1

factor =
 if factor > 1 then
 factor = 1
 if CPUE=0 or LPUE = 0 then
 CPUE=1 or LPUE=1

West of Scotland

donor gear		receiving gear							2012-2014	
		BT1	BT2	GN1	LL1	TR1	TR2	TR3	CPUE	LPUE
3d	BT1		1	1	1	0.003	0.017	1	1	1
3d	BT2	1		1	1	0.003	0.017	1	1	1
3d	GN1	1	1		1	0.003	0.017	1	1	1
3d	LL1	1	1	1		0.003	0.017	1	1	1
3d	TR1	1	1	1	1		1	1	289	32
3d	TR2	1	1	1	1	0.198		1	57	2
3d	TR3	1	1	1	1	0.003	0.017		1	1

factor =
 if factor > 1 then
 factor = 1
 if CPUE=0 or LPUE = 0 then
 CPUE=1 or LPUE=1

Skagerrak, North Sea and 2 EU, Eastern Channel

donor gear		receiving gear							2012-2014		
		BT1	BT2	GN1	GT1	LL1	TR1	TR2	TR3	CPUE	LPUE
3b	BT1		1	0.382	1	1	0.26	1	1	317	272
3b	BT2	0.093		0.035	0.189	0.129	0.024	0.113	1	29	25
3b	GN1	1	1		1	1	0.682	1	1	830	803
3b	GT1	0.49	1	0.187		0.681	0.128	0.601	1	155	149
3b	LL1	0.719	1	0.274	1		0.187	0.882	1	228	228
3b	TR1	1	1	1	1	1		1	1	1217	981
3b	TR2	0.815	1	0.311	1	1	0.212		1	258	131
3b	TR3	0.035	0.38	0.013	0.072	0.049	0.009	0.043		11	11

factor = CPUE donor/CPUE receiving
 if factor > 1 then
 factor = 1
 if CPUE=0 or LPUE = 0 then
 CPUE=1 or LPUE=1

Greater North Sea after combining catch and effort totals for the TR1 and TR2 gear groups.

Skagerrak, North Sea and 2 EU, Eastern Channel

donor gear		receiving gear							2012-2014		
		BT1	BT2	GN1	GT1	LL1	TR1+TR2	TR3	CPUE	LPUE	
3b	BT1		1	0.382	1	1	1	0.415	1	317	272
3b	BT2	0.093		0.035	0.189	0.129	0.038		1	29	25
3b	GN1	1	1		1	1	1	1	1	830	803
3b	GT1	0.49	1	0.187		0.681	0.203		1	155	149
3b	LL1	0.719	1	0.274	1		0.299		1	228	228
3b	TR1+TR2	1	1	0.919	1	1		1	1	763	578
3b	TR3	0.035	0.375	0.013	0.071	0.048	0.014		1	11	11

factor = CPUE donor/CPUE receiving
 if factor > 1 then
 factor = 1
 if CPUE=0 or LPUE = 0 then
 CPUE=1 or LPUE=1

Section 5.1.19

STECF EWG 15-08 presents the estimated cod CPUE and respective effort transfer factors between donor and receiving regulated gear groups in Table 5.2.9.1

Table 5.2.9.1 Cod CPUE and respective effort transfer factors between donor and receiving regulated gear groups based on averages 2012-2014. Red cells are indicated to be imprecise due to lack of adequate discard information. Yellow cells indicate sufficient sampling and green cells good sampling information.

Kattegat		receiving gear						2012-2014		factor = CPUE donor/CPUE receiving if factor > 1 then factor = 1 if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
donor gear		GN1	GT1	LL1	TR1	TR2	TR3	CPUE	LPUE	
3a	GN1		1	1	1	0.39	1	53	32	
3a	GT1	0.056			1	0.064	0.022	3	3	
3a	LL1	0.019	0.339		0.022	0.007	0.134	1	1	
3a	TR1	0.88	1	1		0.343	1	46	14	
3a	TR2	1	1	1	1		1	136	31	
3a	TR3	0.141	1	1	0.16	0.055		7	7	

Section 5.1.30

STECF EWG 15-08 presents the estimated cod CPUE and respective effort transfer factors between donor and receiving regulated gear groups. Red cells in Table 5.3.10.1 are indicated to be imprecise due to lack of adequate discard information. Yellow cells indicate sufficient sampling and green cells good sampling information.

Table 5.3.10.1 Cod CPUE (average 2012-2014) and respective effort transfer factors between donor and receiving regulated gear groups. Red cells are indicated to be imprecise due to lack of adequate discard information. Yellow cells are covered by adequate discard information while green cells are considered well representative.

Skagerrak		receiving gear							2012-2014		factor = CPUE donor/CPUE receiving if factor > 1 then factor = 1 if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
donor gear		BT1	BT2	GN1	GT1	LL1	TR1	TR2	TR3	CPUE	
3b1	BT1		0.318	0.028	0.043	0.07	0.034	0.062	0.49	52	52
3b1	BT2	1		0.089	0.136	0.219	0.108	0.194	1	164	164
3b1	GN1	1	1		1	1	1	1	1	1841	1805
3b1	GT1	1	1	0.655		1	0.791	1	1	1206	1180
3b1	LL1	1	1	0.407	0.621		0.492	0.886	1	749	749
3b1	TR1	1	1	0.827	1	1		1	1	1523	1147
3b1	TR2	1	1	0.459	0.701	1	0.555		1	846	452
3b1	TR3	1	0.643	0.057	0.087	0.141	0.069	0.125		105	105

North Sea and 2EU		receiving gear							2012-2014		factor = CPUE donor/CPUE receiving if factor > 1 then factor = 1 if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
donor gear		BT1	BT2	GN1	GT1	LL1	TR1	TR2	TR3	CPUE	
3b2	BT1		1	0.484	1	1	0.279	1	1	335	287
3b2	BT2	0.089		0.043	0.138	0.093	0.025	0.146	1	30	25
3b2	GN1	1	1		1	1	0.576	1	1	691	663
3b2	GT1	0.649	1	0.314		0.673	0.181	1	1	217	206
3b2	LL1	0.964	1	0.467	1		0.269	1	1	322	322
3b2	TR1	1	1	1	1	1		1	1	1200	972
3b2	TR2	0.611	1	0.296	0.942	0.634	0.17		1	204	70
3b2	TR3	0.014	0.154	0.007	0.021	0.014	0.004	0.023		5	5

Eastern Channel		receiving gear								2012-2014		factor = CPUE donor/CPUE receiving if factor > 1 then factor = 1 if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
donor gear		BT1	BT2	GN1	GT1	LL1	TR1	TR2	TR3	CPUE	LPUE	
3b3	BT1		1	0.16	0.89	1	0.191	0.664	1	77	77	
3b3	BT2	0.292		0.047	0.26	0.724	0.056	0.194	1	22	20	
3b3	GN1	1	1		1	1	1	1	1	479	479	
3b3	GT1	1	1	0.18		1	0.215	0.745	1	86	84	
3b3	LL1	0.403	1	0.065	0.359		0.077	0.268	1	31	31	
3b3	TR1	1	1	0.838	1	1		1	1	402	389	
3b3	TR2	1	1	0.241	1	1	0.288		1	116	86	
3b3	TR3	0.181	0.62	0.029	0.161	0.449	0.035	0.12		14	12	

Skagerrak, North Sea and 2 EU, Eastern Channel		receiving gear								2012-2014		factor = CPUE donor/CPUE receiving if factor > 1 then factor = 1 if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
donor gear		BT1	BT2	GN1	GT1	LL1	TR1	TR2	TR3	CPUE	LPUE	
3b	BT1		1	0.382	1	1	0.26	1	1	317	272	
3b	BT2	0.093		0.035	0.189	0.129	0.024	0.113	1	29	25	
3b	GN1	1	1		1	1	0.682	1	1	830	803	
3b	GT1	0.49	1	0.187		0.681	0.128	0.601	1	155	149	
3b	LL1	0.719	1	0.274	1		0.187	0.882	1	228	228	
3b	TR1	1	1	1	1	1		1	1	1217	981	
3b	TR2	0.815	1	0.311	1	1	0.212		1	258	131	
3b	TR3	0.035	0.38	0.013	0.072	0.049	0.009	0.043		11	11	

Greater North Sea after combining catch and effort totals for the TR1 and TR2 gear groups.

Skagerrak, North Sea and 2 EU, Eastern Channel		receiving gear								2012-2014		factor = CPUE donor/CPUE receiving if factor > 1 then factor = 1 if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
donor gear		BT1	BT2	GN1	GT1	LL1	TR1+TR2	TR3	CPUE	LPUE		
3b	BT1		1	0.382	1	1	0.415	1	317	272		
3b	BT2	0.093		0.035	0.189	0.129	0.038	1	29	25		
3b	GN1	1	1		1	1	1	1	830	803		
3b	GT1	0.49	1	0.187		0.681	0.203	1	155	149		
3b	LL1	0.719	1	0.274	1		0.299	1	228	228		
3b	TR1+TR2	1	1	0.919	1	1		1	763	578		
3b	TR3	0.035	0.375	0.013	0.071	0.048	0.014		11	11		

Section 5.1.40

The table of international conversion factors (Table 5.4.8.1) is based on average CPUE (2012-2014). Discard data are scarce for many regulated gear groups but have been interpreted as well representative for TR1 and TR2.

Table 5.4.8.1 West of Scotland. Conversion factors for exchange of effort between gears based on average CPUE 2012-2014. Red cells indicate no discard data included and values are estimated based on LPUE; green cells indicate representative discard information available.

West of Scotland		receiving gear								2012-2014		factor = if factor > 1 then factor = 1 if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
donor gear		BT1	BT2	GN1	LL1	TR1	TR2	TR3	CPUE	LPUE		
3d	BT1		1	1	1	0.003	0.017	1	1	1		
3d	BT2	1		1	1	0.003	0.017	1	1	1		
3d	GN1	1	1		1	0.003	0.017	1	1	1		
3d	LL1	1	1	1		0.003	0.017	1	1	1		
3d	TR1	1	1	1	1		1	1	289	32		
3d	TR2	1	1	1	1	0.198		1	57	2		
3d	TR3	1	1	1	1	0.003	0.017		1	1		

Section 5.1.50

The table of international conversion factors (Table 5.5.8.1) is based on average CPUE (2012-2014). LPUEs are used for GN1, GT1 and LL1 fisheries as time series of discard data were not available. TR1, TR2, and BT2 gear categories have discard data over the three previous years.

Table 5.5.8.1 Irish Sea. Conversion factors for exchange of effort between gears based on average CPUE 2012-2014. Red cells indicate no or insufficient discard data available; green cells indicate discard information available.

Irish Sea		receiving gear							2012-2014		factor = if factor > 1 then factor = 1 if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
donor gear		BT2	GN1	GT1	LL1	TR1	TR2	TR3	CPUE	LPUE	
3c	BT2		0.426	1	1	0.403	0.865	1	69	52	
3c	GN1	1		1	1	0.946	1	1	163	163	
3c	GT1	0.014	0.006		0.071	0.006	0.012	1	1	1	
3c	LL1	0.203	0.087	1		0.082	0.176	1	14	14	
3c	TR1	1	1	1	1		1	1	173	170	
3c	TR2	1	0.492	1	1	0.465		1	80	29	
3c	TR3	0.014	0.006	1	0.071	0.006	0.012		1	1	

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