



JRC SCIENTIFIC AND POLICY REPORTS

Scientific, Technical and Economic Committee for Fisheries (STECF)

Evaluation of Fisheries Dependent Information (STECF-15-12)

Corrigendum

Corrigendum issued on 18 December 2015

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Report EUR 27416 EN

European Commission
Joint Research Centre (JRC)
Institute for the Protection and Security of the Citizen (IPSC)

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JRC 99847

EUR 27416 EN

ISSN 1831-9424

Luxembourg: Publications Office of the European Union, 2015

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How to cite this report: Scientific, Technical and Economic Committee for Fisheries (STECF) – Evaluation of Fisheries Dependent Information (STECF-15-12) Corrigendum. 2015. Publications Office of the European Union, Luxembourg, EUR 27416 EN, JRC 99847, 7 pp.

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
	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			136	31	if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
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
	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	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
	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		receiving gear								2012-2014				
	donor gear	BT1	BT2	GN1	GT1	LL1	TR1	TR2	TR3	CPUE	LPUE	factor =	CPUE donor/CPUE receiving	
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	if factor > 1 then		
3b3	GN1	1	1		1	1	1	1	1	479	479	factor = 1		
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			

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

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

Skagerrak, North Sea and 2 EU, Eastern Channel		receiving gear								2012-2014			
	donor gear	BT1	BT2	GN1	GT1	LL1	TR1	TR2	TR3	CPUE	LPUE	factor =	CPUE donor/CPUE receiving
3b	BT1			1	0.382	1	1	0.26	1	317	272		
3b	BT2	0.093		0.035	0.189	0.129	0.024	0.113	1	29	25	if factor > 1 then	
3b	GN1	1	1	1		1	1	0.682	1	830	803	factor = 1	
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			
	donor gear	BT1	BT2	GN1	GT1	LL1	TR1+TR2	TR3	CPUE	LPUE	factor =	CPUE donor/CPUE receiving	
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	if factor > 1 then	
3b	GN1	1	1	1		1	1		1	830	803	factor = 1	
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 5.1.19

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

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
donor gear	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	if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
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	if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
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	if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
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	if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
3b1 TR3	1	0.643	0.057	0.087	0.141	0.069	0.125		1	105	105	

North Sea and 2EU		receiving gear								2012-2014		factor = CPUE donor/CPUE receiving if factor > 1 then factor = 1
donor gear	BT1	BT2	GN1	GT1	LL1	TR1	TR2	TR3	CPUE	LPUE		
3b2 BT1			1	0.484	1	1	0.279	1	1	335	287	if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
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	if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
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	if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
3b2 TR1	1	1	1	1	1	1		1	1	1200	972	
3b2 TR2	0.611	1	0.296	0.942	0.634	0.17		1	1	204	70	if CPUE=0 or LPUE = 0 then CPUE=1 or LPUE=1
3b2 TR3	0.014	0.154	0.007	0.021	0.014	0.004	0.023		1	5	5	

Eastern Channel		receiving gear							
	donor gear	BT1	BT2	GN1	GT1	LL1	TR1	TR2	TR3
3b3	BT1			1	0.16	0.89	1	0.191	0.664
3b3	BT2	0.292		0.047	0.26	0.724	0.056	0.194	1
3b3	GN1	1	1	1		1	1	1	1
3b3	GT1	1	1	0.18		1	0.215	0.745	1
3b3	LL1	0.403	1	0.065	0.359		0.077	0.268	1
3b3	TR1	1	1	0.838	1	1		1	1
3b3	TR2	1	1	0.241	1	1	0.288		1
3b3	TR3	0.181	0.62	0.029	0.161	0.449	0.035	0.12	

2012-2014			
CPUE	LPUE	factor = CPUE donor/CPUE receiving	
77	77	if factor > 1 then	
22	20	factor = 1	
479	479		
86	84	if CPUE=0 or LPUE = 0 then	
31	31	CPUE=1 or LPUE=1	
402	389		
116	86		
14	12		

Skagerrak, North Sea and 2 EU, Eastern Channel

donor gear		receiving gear							
	donor gear	BT1	BT2	GN1	GT1	LL1	TR1	TR2	TR3
3b	BT1			1	0.382	1	1	0.26	1
3b	BT2	0.093		0.035	0.189	0.129	0.024	0.113	1
3b	GN1	1	1	1		1	1	0.682	1
3b	GT1	0.49	1	0.187		0.681	0.128	0.601	1
3b	LL1	0.719	1	0.274	1		0.187	0.882	1
3b	TR1	1	1	1	1	1		1	1
3b	TR2	0.815	1	0.311	1	1	0.212		1
3b	TR3	0.035	0.38	0.013	0.072	0.049	0.009	0.043	

2012-2014			
CPUE	LPUE	factor = CPUE donor/CPUE receiving	
317	272	if factor > 1 then	
29	25	factor = 1	
830	803		
155	149	if CPUE=0 or LPUE = 0 then	
228	228	CPUE=1 or LPUE=1	
1217	981		
258	131		
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

donor gear		receiving gear							
	donor gear	BT1	BT2	GN1	GT1	LL1	TR1+TR2	TR3	
3b	BT1			1	0.382	1	1	0.415	1
3b	BT2	0.093		0.035	0.189	0.129	0.038		1
3b	GN1	1	1	1		1	1	1	1
3b	GT1	0.49	1	0.187		0.681	0.203		1
3b	LL1	0.719	1	0.274	1		0.299		1
3b	TR1+TR2	1	1	0.919	1	1			1
3b	TR3	0.035	0.375	0.013	0.071	0.048	0.014		

2012-2014			
CPUE	LPUE	factor = CPUE donor/CPUE receiving	
317	272	if factor > 1 then	
29	25	factor = 1	
830	803		
155	149	if CPUE=0 or LPUE = 0 then	
228	228	CPUE=1 or LPUE=1	
763	578		
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							
	donor gear	BT1	BT2	GN1	LL1	TR1	TR2	TR3	
3d	BT1			1	1	1	0.003	0.017	1
3d	BT2	1		1	1	1	0.003	0.017	1
3d	GN1	1	1	1		1	0.003	0.017	1
3d	LL1	1	1	1	1		0.003	0.017	1
3d	TR1	1	1	1	1			1	
3d	TR2	1	1	1	1	0.198			1
3d	TR3	1	1	1	1	0.003	0.017		

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

donor gear	receiving gear							2012-2014		factor =
	BT2	GN1	GT1	LL1	TR1	TR2	TR3	CPUE	LPUE	
3c BT2		0.426	1	1	0.403	0.865	1	69	52	if factor > 1 then
3c GN1	1		1	1	0.946	1	1	163	163	factor = 1
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	if CPUE=0 or LPUE = 0 then
3c TR1	1	1	1	1		1	1	173	170	CPUE=1 or LPUE=1
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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European Commission

EUR 27416 EN – Joint Research Centre – Institute for the Protection and Security of the Citizen

Title: Scientific, Technical and Economic Committee for Fisheries. Evaluation of Fisheries Dependent Information (STECF-15-12)
Corrigendum.

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Luxembourg: Publications Office of the European Union

2015 – 7 pp. – 21 x 29.7 cm

EUR – Scientific and Technical Research series – ISSN 1831-9424 (online), ISSN 1018-5593 (print)

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