

Marine Management Organisation

RECORDING BELOW MINIMUM SIZE (BMS) FISH

Guidance subject

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1. Background

Fishing vessels over 10m in length have to record catches and landings using a logbook, and for vessels over 12m in length, this has to be by means of an electronic logbook ("e-log").

All fish subject to quota must be retained and landed under the Landing Obligation (LO) unless there is an exemption. This includes fish below Minimum Conservation Reference Size (MCRS), [now referred to as Below Minimum Size (BMS)]. All retained fish must be recorded in the log as an estimate when the total amount of any species is 50kg or above. *All landed fish will count against quota.*

If discards are made at sea using a (LO) exemption, then discards of ANY quantity should be estimated and recorded. For species not subject to a LO exemption, then they should be recorded where the amount is 50kg live weight or greater. This 50kg is cumulative – e.g. if a vessel catches 20kg on the first trip day and 30kg on the second, this must be recorded. *These discarded species will not count against quota.*

All of the E-log systems have a means to record BMS fish and these are described below, following the guide for paper logbooks.

2. Paper logbook and landing declaration

For vessels using paper logbooks, then the BMS fish should be entered in a new column as shown below in Figure 1, with an estimated weight if above 50kg, as with sized fish.



Figure 1 – Paper Logbook









If the BMS is less than 50kg across a whole trip it does not show in the log (as above) until landed.

When completing the landing declaration, you must write the weighed amount of all BMS and sized fish landed, including small amounts, as shown above.

When discarding any fish at sea, the species should be entered at the top of the column alongside other catches kept on board, and write DIS (Discards) in the box below (indicated with **blue box** above) to show that it has been discarded, with the weight estimated in the box below that. If discards are made at sea using a (LO) exemption, then discards of ANY quantity should be estimated and recorded. For species not subject to a LO exemption, then they should be recorded where the amount is 50kg or greater.

3. E-Catch system: electronic logbook and landing declaration

[The text below is mainly taken from guidance provided by E-Catch]:

How to report discards and BMS fish.

In the tow screen you are able to make a distinction between normal catch, catch that is discarded and catch of BMS fish that has to be landed ashore.

Add species with presentation 'whole'.

Start with updating your database by clicking Settings > Updates > Update online

In the section 'Settings' > 'Species', you can select your favourite species. When you need to report fish that is kept whole, but also with a different presentation (e.g. gutted), you will need to enable these two separate options so you can choose between them in your tow screen. With the buttons 'Up' and 'Down', shown in Figure 2 below, you can alter the position of the species line selected and with the 'Remove' button you can delete species from your favourite list. You can also add a species in the tow screen itself.

When the master is submitting his landing declaration (LAN), any landed BMS should be entered as Dried (DRI) in the fish "state" column, and WHL (whole) presentation, separately to sized fish.









E-Cal Specie	tch Logb s - ALL	ook nr : 685										*
Fish	ing Trip 📓 Con	nmunication 👕 Sett	tings 🔹 🗟 I	Seports	Review	🛄 Quota	ss • 🥹 •	٩	🔾 Template 🔹 🚺	Close		
Favori	tes	- Down	Up 💠		Remov	e selected spec	ies from favorite	s	Code	PLE		
Code	Name	Presenta	stion	Price	Quality	Condition	Qty. Box	%	 Name 	Plaice		
LE	Plaice	Gutted		0	A	Fresh	40,55	0	-	6		
LE	Plaice	Whole		0	A	Fresh	40	0	PTICE	0		
OL	Dover Sole	Gutted		0	A	Fresh	40	0	Percentage	< - 0		
DL	Dover Sole	Whole		0	A	Fresh	40	0				
EP	Norway Lobster	Whole		0	A	Fresh	40	0	Presentation	Whole		~
EP	Norway Lobster	Tail		0	A	Fresh	40	0	Condition	Erach		
AB	Dab	Gutted		0	A	Fresh	40	0	E Condition	riesit		- 2
AB	Dab	Whole		0	A	Fresh	40	0	Per box	40,00		ion 🎾
UR.	Turbot	Gutted		0	A	Fresh	40	0		· · · · · · · · · · · · · · · · · · ·		
OD	Cod	Gutted		0	A	Fresh	40	0				
LE	Flounder	Gutted		0	A	Fresh	40	0		Save changes		
M	Lemon Sole	Gutted		0	A	Fresh	35	0		gave to mights		
/HG	Whiting	Gutted		0	A	Fresh	40	0				
AD	Haddock	Gutted		0	A	Fresh	40	0				
ON	Angler(=Monk)	Gutted		0	A	Fresh	40	0	Conversion	Factor	Amend fact	or 🎜
/IT	Witch	Gutted		0	A	Fresh	40	0	Economical Z	one	Factor	Manua
в	Pout, Bib	Whole		0	A	Fresh	40	0	Europe		1.00	0
									*			
erese	ntation											
specie	5		D Qua	ity Pres	entation				Condition	Qty. Box	-	
	t (TUR)		✓ A	✓ Who	le			~	Fresh	♥ 40	+ A	dd
Turbo												

Figure 2 – E-Catch Tow Screen

When you enter your normal catch in the tow or daily report, you need to enter the 'dead weight' (e.g. gutted) of the fish which will be converted automatically to live weight in the message that is sent out. When the fish is not processed but kept whole, you can enter this live weight for your normal catch and this will be the same weight reflected in the FAR message. In the main screen both dead weight and live weight are displayed.

Enter discards and catch of juvenile fish.

To avoid mistakes, it is preferred to use a separate tow when you want to enter weight for discarded fish and/or juvenile fish that needs to be landed ashore.

When you want to enter the weight of BMS fish that needs to be landed, you will have to select the species (with presentation whole, but you can choose differently) and enter the weight in the field you are used to for weight of normal catch, ticking the box for "Juvenile" after that (shown in Figure 3). You can continue to enter the weight for the next species, but each time (when it concerns BMS fish) you have to tick the box for "Juvenile".

To enter weight for discards, you have to fill out the weight in the box 'Discards'. You can tick the box 'Juvenile' when you also want to indicate that the discarded weight is BMS fish.



Taur		I WOI	nformation	Inspe	ction	Transhi	Relocation Zone Change Gear Loss Remove Audit
	20-11-3	0015 💷 🗤	nite 🕅	Weight		rice.	Tow General
IUW	50-11-2	013 🕑 0		weight		nce	Statistical Rectangle Economical Zone 🔑 Fishing Time (hours) N.O.O.
Code	Name	Units	Weight	Discards	%	Per Unit	41F3 e.g. 03A1 UNITED KINGDOM ¥ 8,00 3
PLE	Plaice - A - Gutted - Fresh	2,5	100,0	0,0	0	40,55	Division 🔑 Fishing gear
PLE	Plaice - A - Whole - Fresh	0,0	0,0	0,0	0	40	IVB ✓ twinrig 120 mm ✓
SOL	Dover Sole - A - Gutted - Free	0,0	0,0	0,0	0	40	Length 🔎 Mesh Size Activity
SOL	Dover Sole - A - Whole - Fres	0,0	0,0	0,0	0	40	2 x 10 v 120 C Fishing v
NEP	Norway Lobster - A - Whole -	0,0	0,0	0,0	0	40	Latitude Longitude
NEP	Norway Lobster - A - Tail - Fr	0,0	0,0	0,0	0	40	56°10'00"N e.g. 10°52'65"N 003°40'00"E e.g. 010°52'65"E
DAB	Dab - A - Gutted - Fresh	2,5	100,0	0,0	0	40	
DAB	Dab - A - Whole - Fresh	5,0	200,0	50,0	0	40	Gear General Number of Trawls Trawls: Double
TUR	Turbot - A - Gutted - Fresh	0,0	0,0	0,0	0	40	Tow Species Code Species Name
COD	Cod - A - Gutted - Fresh	7,5	300,0	0,0	0	40	1 HAD Haddock - A - Whole - Fresh
FLE	Flounder - A - Gutted - Fresh	0,0	0,0	0,0	0	40	Units Weight Discards Price
LEM	Lemon Sole - A - Gutted - Fre	0,0	0,0	0,0	0	35	5,00 200,00 0,00 0,00
WHG	Whiting - A - Gutted - Fresh	0,0	0,0	0,0	0	40	
HAD	Haddock - A - Gutted - Fresh	37,5	1.500,0	0,0	0	40	Live Weight 200,00 Conversion 1,00 Juvenile
HAD	Haddock - A - Whole - Fresh	5,0	200,0	0,0	0	40	
MON	Angler(=Monk) - A - Gutted -	0,0	0,0	0,0	0	40	4
WIT	Witch - A - Gutted - Fresh	0,0	0,0	0,0	0	40	
		2.5	100.0	0,0	0	40	•

Figure 3 – E-Catch Tow Information – Juvenile Tick Box

The catch of BMS fish that will be landed will remain visible in the main screen, but only as part of the total catch of a species and not separately. Discarded catch will not be visible anymore.

Fill out your landing declaration (LAN).

In the LAN declaration screen you need to enter the sold weight for legal sized catch as usual by selecting the species on the left hand side and entering the sold weight on the right hand side, clicking "save" after that. This needs to be done for each species.

After this, the weight of juveniles that have been landed needs to be added. For this, you select the species from the bottom bar and select presentation 'whole' and condition 'dried' and you fill out the weight behind it. Then click + add to add this species to your landing declaration. In Figure 4 below you can see that 50 kg of juvenile whiting has already been added and 40 kg of juvenile haddock is about to be added.









rang mp - All	ande P. Berley	T Quete	-		Tamalata (B	Class			L.
Fishing Trip tog Communication 1 Settings - U.S.B.	eports 📄 Keview	Quota		u	Template • to	Close			
rip Information Day Information Tow Information	n Inspection	Iranship	Belocati	ion Zone Chan	ge Gear Loss	Summary	Remove	Audit	
anding declaration				First select your sp	pecies from the g	grid			
Species	Reported KG	Sold		Enter per species	the amount of kg	sold			
Cod - A - Gutted - Fresh	210		210	Click 'Save' per en	tered amount. C	lick 'Export' whe	in finished		
Dab - A - Gutted - Fresh	250	(250						
Haddock - A - Gutted - Fresh	500		500		Francis				
emon Sole - A - Gutted - Fresh	300		300	Species Code	WHG				
Naice - A - Gutted - Fresh	1500		1500	Species Name	Whiting - A - V	Vhole - Dried			
Pout Rib A minute - Fresh	410	and the owner where the	410	Cold Harristo	[FO 40]				
WICH - WERD - Fresh				Landing date	03-03-	2016 -	09:55	:	
VICT - Fresh				Landing date	03-03-	2016 -	09:55	•	

Figure 4 – Landing Declaration Screen

4. Catchlog system: electronic logbook and landing declaration

Below is an extract from the "Catchlog" system and shows how to enter BMS on the fishing activity report (FAR).

Location Ca	stch	Ofaca	ind .							\frown	
Product					Units	Wgt(P)	Kg/U	CF	Wgt(L)	JUV	9
ANF-Angler Fish Monk	30kg Box	FRE	TAL	Ungraded	5	150	30	3	450.0		3
COD-Atlantic Cod	30kg Box	FRE	GU'	Ungraded	1.533	46	30	1.17	53.8		1
SOL-Common Sole	30kg Box	FRE	GU	Ungraded	2.833	85	30	1.05	89.3		2
NEP-Norway Lobster	30kg Box	FRE	WH	Ungraded	2.5	75.0	30	1	75.0		14
WHG-Whiting	30kg Box	FRE	WH	Ungraded	2	60	30	1	60.0		1

Figure 5 Catchlog Catch Screen



As seen above in Figure 5, on the "Catch" tab, similarly to the E-catch system, a separate line would have to be added for the species and the box in the "JUV" (Juvenile) column would have to be ticked.

Location Catch Discard Product ANF-Angler Fish Monk It COD-Atlantic Cod It It	Units	Weight	
Product I ANF-Angler Fish Monk COD-Atlantic Cod	Units	Weight	
ANF-Angler Fish Monk COD-Atlantic Cod		mengine	Juvenile
COD-Atlantic Cod	0	5.0	
	0	0.0	
SOL-Common Sole	0	0.0	
NEP-Norway Lobster	0	0.0	
WHG-Whiting	0	0.0	_

Figure 6 – Catchlog Discard Screen

When it comes to recording discards, as shown in Figure 6 above, these can be entered on the "Discard" tab by species and again, if these are BMS, the "Juvenile" column would be ticked, as shown above.

5. Olrac system: electronic logbook and landing declaration

Below is an extract from the "Olrac" system and shows how to enter BMS on the fishing activity report (FAR).









Version: 6.0.3 (08/05/2014)							Cu St On	rrent Hide ock Messa board Conso	ge Mor le [Of	ht. de Q	Taols
rip #1: 16 Dec 2014 15:20:21	R 🗖	8	0, 🌍	*			usi	ng OLRAC Mailer rep	orting to MMO I	lub 🔿	End Daily Activity (F
Daily Activity: 16 Dec 2014 15:27:	Report		Ac	tion	To	Sent	Sender	Report Filename	Acknowledge	-	
Catch: 4 records	FAR: 02 Ja	in 2015 11	:47:02 Set	nt.	ers.log.book@staging	02/01/2015 12:03:09	User	atch20150201120309	-1 Successful		
Reports	Report data	Sent	report - XML	Acknowledgeme	ent (Successful)		niki AMAN				
np #2: 02 Jan 2015 11:41:47	Sur.	-		ATENTS						_	
E Daily Activity: 02 Jan 2015 11:47:0	Time		11:4	7:02						^	
Catch: 4 records	Correcto	on mont	Prin	w							
Reports	Incode	ontion	140	2							
DEP: 02 Jan 2015 11:41:47	inspe	ecuon									
FAR: 02 Jan 2015 11:47:02	Created	prior to in	nspection? No								
RTP: 02 Jan 2015 12:08:00 P2	Activ	ity De	tails								
p #3: 02 Jan 2015 12:25:56	Activity		FSH	: Fishing							
ip #4: 02 Jan 2015 16:01:30	Gear	FAO Zone	Economic zon	ICES statistic rectangle	al Gear type	Fishing	Fishing time (minutes)	Gear Depth Deployed (m)	Mesh size (mm)		
st Trip : #1: 15 Jan 2018 12:02:00	1	27.A.b	GBR : United Kingdom	39e8	OTB : Bottom otter trawls	1	12	1	80		
Test Daily Activity : 15 Jan 2018 1:	SPE (Catch	Spec	ies	Live weight (kg	Juvenile Fish?						
Test DEP - 15 Jan 2018 12-02-00	1	NEP	Norway lobster	26) No					Đ	New Report
	2	COD	: Atlantic cod	58.5	5 No						
	3	WHO	i : Whiting	100	0 No					V GPSLong	
it Delete	<								>	Area1: Area2	
	-	-		_						and the second second	

Figure 7 – Olrac FAR Juvenile

"Olrac" is slightly different from the previous two systems as it does not have a check box for BMS fish. You have to add another line for the species and put a yes under the juvenile column, shown in Figure 7 above and marked in red.

Trip #1: 16 Dec 2014 15:20:21	× •	-	⁰,, 🤣	X					using	OLRAC M	ailer reporti	ng to MMO Hul	O F	nd Daily Activi
Daily Activity: 16 Dec 2014 15:27:3 Catch: 4 records	Report	2014 17-0	0.00	Action	To err ing book	Setaning 16	nt /12/2014 16:00	Sender	Rep	bort Filen	ame A	cknowledge_		
- Reports - DEP: 16 Dec 2014 15:20:21	Report data	Sent re	port - XML	Acknowledge	ement (Success	ul)	12/2014 10:00		Unit	CHEOTATOT	2100041-11-0	ACEMM		
FAR: 16 Dec 2014 15:27:32 ♥ EOF: 16 Dec 2014 15:50:00 ♥ RTP: 16 Dec 2014 15:55:00 ♥ LAN: 16 Dec 2014 15:55:00 ♥	SPE (Landed)	Product Code	Species	Presentation	eservation	Product type	Packaging	Capacity unit of measure	Unit capacity (kg)	FAO Zone	Economic zone	Landing A all catch?		
LAN: 16 Dec 2014 15:3300 € LAN: 16 Dec 2014 17:30:00 € Trip #2: 02 Jan 2015 11:41:47 Trip #3: 02 Jan 2015 12:25:56 Trip #4: 02 Jan 2015 16:01:30 Test Trip : #5: 05 Feb 2015 10:00:00	1	CRE- WHL- FRE- PRI- BOX- kg-1	CRE : Edible crab	WHL : Whole	FRE : Fresh	Primary	BOX : Boxes	kilogram	1	27.7.d	FRA : France	Yes		
- Activities - Reports strip: =: 15 Jan 2018 12:02:00 - Activities - Test Daily Activity : 15 Jan 2018 1:	2	LBE- WHL- FRE- PRI- BOX- kg-1	LBE : European lobster	WHL : Whole	FRE : Fresh	Primary	BOX : Boxes	kilogram	,	27.7.d	FRA : France	Yes		
Reports Test DEP : 15 Jan 2018 12:02:00	3	COE- GUT- FRE- PRI-	COE : European	GUT : Gutted	FRE : Fresh	Primary	BOX: Boxes	kilogram	1	27.7.d	FRA : France	Yes	(New Report

Figure 8 – Olrac Landing Declaration

When the vessel submits the landing declaration (LAN), the BMS fish have to be recorded in the "preservation" column (shown in Figure 8 circled in red), as DRI (Dried), and WHL (whole) under presentation, and recorded separately from the sized fish.







