

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.









Fish	ning Trip 🕞 Cor	nmunication 🍸 Settings 🔹 [	<u>Reports</u>	Review	Quota	æ• ø∙	• • •	4	remplate - 🛙	Close			
Favor	ites	- Down Up	•	Remov	e selected speci	es from favorite	es		Code	PLE			
Code	Name	Presentation	Price	Quality	Condition	Qty. Box	%	-	Name	Plaice			
LE	Plaice	Gutted		0 A	Fresh	40,55	0		Price	0			
LE	Plaice	Whole		0 A	Fresh	40	0		ring	0			_
OL	Dover Sole	Gutted		0 A	Fresh	40	0		Percentage	< •	0		
OL	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	Fresh			~
AB	Dab	Gutted		0 A	Fresh	40	0	-	Condition	real			
AB	Dab	Whole		0 A	Fresh	40	0		Per box	4	0,00	T	on 🍃
UR	Turbot	Gutted		0 A	Fresh	40	0			3			
		Gutted		0 A	Fresh	40	0						
OD	Cod	outted											
LE	Flounder	Gutted		0 A	Fresh	40	0			Save cha	noes		
EM	Flounder Lemon Sole	Gutted Gutted		0 A	Fresh	35	0		8	Save cha	nges		
EM VHG	Flounder Lemon Sole Whiting	Gutted Gutted Gutted		0 A 0 A	Fresh Fresh	35 40	0			Save cha	nges		
EM WHG	Flounder Lemon Sole Whiting Haddock	Gutted Gutted Gutted Gutted		0 A 0 A 0 A 0 A 0 A 0 A 0 A 0 A 0 A 0 A	Fresh Fresh Fresh	35 40 40	0	J		Save cha	nges		
LE EM /HG AD	Flounder Lemon Sole Whiting Haddock Angler(=Monk)	Gutted Gutted Gutted Gutted Gutted		0 A 0 A 0 A 0 A	Fresh Fresh Fresh Fresh	35 40 40 40	0 0 0		Conversion		_	Amend facts	я 🖌
LE EM /HG AD ION /IT	Flounder Lemon Sole Whiting Haddock Angler(=Monk) Witch	Gutted Gutted Gutted Gutted Gutted Gutted		0 A 0 A 0 A 0 A 0 A	Fresh Fresh Fresh Fresh Fresh	35 40 40 40 40	0 0 0		Conversion	Factor	_		
LE EM /HG AD ION /IT	Flounder Lemon Sole Whiting Haddock Angler(=Monk)	Gutted Gutted Gutted Gutted Gutted		0 A 0 A 0 A 0 A	Fresh Fresh Fresh Fresh	35 40 40 40	0 0 0			Factor	_	Amend factor Factor 1.00	Manua
COD ELE EM VHG IAD VIT VIT IIB	Flounder Lemon Sole Whiting Haddock Angler(=Monk) Witch	Gutted Gutted Gutted Gutted Gutted Gutted		0 A 0 A 0 A 0 A 0 A	Fresh Fresh Fresh Fresh Fresh	35 40 40 40 40	0 0 0	-	Conversion Economical Z	Factor	_	Factor	Manua
LE EM VHG AD ION VIT IB	Flounder Lemon Sole Whiting Haddock Angler(=Monk) Witch Pout, Bib	Gutted Gutted Gutted Gutted Gutted Gutted		0 A 0 A 0 A 0 A 0 A	Fresh Fresh Fresh Fresh Fresh	35 40 40 40 40	0 0 0	•	Conversion Economical Z	Factor	_	Factor	Manua
LE EM VHG AD ION VIT IB	Flounder Lemon Sole Whiting Haddock Angler(=Monk) Witch Pout, Bib	Gutted Gutted Gutted Gutted Gutted Whole		0 A 0 A 0 A 0 A 0 A 0 A	Fresh Fresh Fresh Fresh Fresh	35 40 40 40 40	0 0 0	•	Conversion Economical Z Europe	Factor		Factor	Manua
ADD Prese	Flounder Lemon Sole Whiting Haddock Angler(=Monk) Witch Pout, Bib	Gutted Gutted Gutted Gutted Gutted Whole		0 A 0 A 0 A 0 A 0 A	Fresh Fresh Fresh Fresh Fresh	35 40 40 40 40	0 0 0		Conversion Economical Z	Factor	_	Factor 1.00	Manua

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.



Trip Info Tow	ormation Day Information	Tow In		_			
low			nformatio	Inspe	ction	Transh	
	30-11-2	015 📝 Ur	nits 🔽	Weight	🔳 Pi	rice	Tow General Statistical Rectangle Economical Zone Pishing Time (hours) N.O.O.
Code	Name	Units	Weight	Discards	%	Per Unit	41F3 e.g. 03A1 UNITED KINGDOM V 8,00 3
PLE	Plaice - A - Gutted - Fresh	2,5	100,0	0,0	0	40,55	
PLE I	Plaice - A - Whole - Fresh	0,0	0,0	0,0	0	40	Division Pishing gear IVB V twinrig 120 mm V
SOL I	Dover Sole - A - Gutted - Free	0,0	0,0	0,0	0	40	
SOL I	Dover Sole - A - Whole - Free	0,0	0,0	0,0	0	40	
NEP I	Norway Lobster - A - Whole -	0,0	0,0	0,0	0	40	
NEP I	Norway Lobster - A - Tail - Fr	0,0	0,0	0,0	0	40	Latitude Longitude
DAB	Dab - A - Gutted - Fresh	2,5	100,0	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 I	Dab - A - Whole - Fresh	5,0	200,0	50,0	0	40	Gear General Number of Trawls: Double
TUR 1	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 I	Flounder - A - Gutted - Fresh	0,0	0,0	0,0	0	40	Units Weight Discards Price
LEM I	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 I	Haddock - A - Gutted - Fresh	37,5	1.500,0	0,0	0	40	Live Weight 200,00 Conversion 1,00 Juvenile
HAD I	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	
	Pout, Bib - A - Whole - Fresh	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.









Trip Information Day Information Tow Information	n Inspection	Iranship Be	elocatio	on Zone Change	e Gear Loss	Summary	Remove	Audit	
		20004		First select your spe		-			
				Enter per species th					
Species	Reported KG	Sold	- (	Click 'Save' per ente	ered amount. Cli	ck 'Export' whe	n finished		
Cod - A - Gutted - Fresh	210		210						
Dab - A - Gutted - Fresh	250		250						
Haddock - A - Gutted - Fresh	500		500 300	Species Code	WHG				
Lemon Sole - A - Gutted - Fresh Plaice - A - Gutted - Fresh	300			Species Name	Whiting - A - W	hola - Driad			
Plaice - A - Gutted - Fresh Pout Rib	1500		410	and a constraint of the	writing - A - W	nove - pried			
Whiting - A - Whole - Dried	410		410	Sold Weight	50,00				
Witten A Cutted - Fresh	50		50						
				Landing date	03-03-2		09:55	:	
					03-03-2		09:55	:	
opcies Quality Presentation	Cor	idition		EportLAN	-		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).

Product					Units	Wgt(P)	Kg/U	CF	Wgt(L)	JUV	%
ANF-Angler Fish Moni	30kg Box	FRE	TAL	Ungraded	5	150	30	3	450.0		36
COD-Atlantic Cod	30kg Box	FRE	GU'	Ungraded	1.533	46	30	1.17	53.8		11
SOL-Common Sole	30kg Box	FRE	GU	Ungraded	2.833	85	30	1.05	89.3		20
NEP-Norway Lobster	30kg Box	FRE	WH	Ungraded	2.5	75.0	30	1	75.0		18
WHG-Whiting	30kg Box	FRE	WH	Ungraded	2	60	30	1	60.0		14

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       COD-Atlantic Cod	Units	Weight	
ANF-Angler Fish Monk	Units	Malaka	
		weight	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)								rrent Hide tock Messa iboard Consc	ige Mode		Tools
Trip #1: 16 Dec 2014 15:20:21	🕅 🖻	8	°. 🤣 🕅	*			45	ing OLRAC Mailer rep	orting to MMO Hu	ab 💽	End Daily Activity (
Daily Activity: 16 Dec 2014 15:27:1			Acti		0	Sent	Sender	Report Filename	Acknowledge_		
Catch: 4 records	FAR: 02 Ja	in 2015 11;	47:02 Sent			02/01/2015 12:03:09		batch20150201120309		8	
Reports     rip #2: 02 Jan 2015 11:41:47     Activities	Report dat.	Sent	report - XML A	TENTS	(Successful)						
E Daily Activity: 02 Jan 2015 11:47:0 Catch: 4 records	mastera	same on report	Phil V No	v							
Reports     DEP: 02 Jan 2015 11:41:47      FAR: 02 Jan 2015 11:47:02	and the second sec	prior to Ins	spection? No								
EOF: 02 Jan 2015 12:05:00		ity De									
RTP: 02 Jan 2015 12:08:00 😋	Activity		FSH :	Fishing							
rip #4: 02 Jan 2015 16:01:30 est Trip : #5: 05 Feb 2015 10:00:00	Gear	FA0 Zone	Economic zone	ICES statistical rectangle	Gear type	Fishing operations	Fishing time (minutes)	Gear Depth Deployed (m)	Mesh size (mm)		
est Trip : #1: 15 Jan 2018 12:02:00 🐈	1	27.4.b	GBR : United Kingdom	39e8	OTB : Bottom otter trawls	1	12	1	80		
Test Daily Activity : 15 Jan 2018 1:	SPE (Catch	-//-		Live weight (kg							
Test DEP : 15 Jan 2018 12:02:00	1	and a first of the first of the	Norway lobster	260	No					Ð	New Report
	2	and the second second	Atlantic cod : Whiting	58.5	No					GPS Lat:	
dit Delete	3	WHO	, mang	100	110					GPSLong: Area1: Area2	

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.

1: 16 Dec 2014 15:20:21 Activities	R 🗉	8	o, 🤣	*					using	OLRAC M	iller reporti	ng to MMO Hut	End Daily A
- Daily Activity: 16 Dec 2014 15:27:	Report			Action	То	Se		Sender		port Filen		cknowledge_	
Catch: 4 records	LAN: 16 D	ec 2014 17:	00:00	Sent	ers.log.book	Ostaging 16	/12/2014 16:00	t48 User	bate	ch2014161	2160047-1 Si	uccessful	
DEP: 16 Dec 2014 15:20:21 💟	Report data	Sent r	eport - XML	Acknowledge	ement (Success	ul)							
FAR: 16 Dec 2014 15:27:32	SPE (Landed)	Product Code	Species	Presentation	Peservation	Product type	Packaging	Capacity unit of measure	Unit capacity (kg)	FAO Zone	Economic zone	Landing A all catch?	
:: 02 Jan 2015 11:41:47 :: 02 Jan 2015 12:25:56 :: 02 Jan 2015 16:01:30 ip : #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	
ctivities sports ip : #1: 15 Jan 2018 12:02:00 ☆ ctivities — 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	
eports Test DEP : 15 Jan 2018 12:02:00	3	COE- GUT- FRE- PRI- BOX- kg-1	COE : European conger	GUT : Gutted	FRE : Fresh	Primary	BOX: Boxes	kilogram	1	27.7.d	FRA : France	Yes	GPS Lat: GPS Long

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.







