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International Council for the
Exploration of the Sea



C.M. 1973/D:5
Statistics Committee

Fish landing Records at Ports in Belgium -
A description of methods of collecting
statistical data in Belgium

by

K. Michielsen x) and P. Hovart xx)

INTRODUCTION.

In 1972 the Council passed the following resolution : "member countries are urged to submit at the next meeting of the Statistics Committee documents describing the systems currently in use for compiling of catch and effort statistics from fishing vessels and the working-up of the data for submittance to ICES on STATLANT forms, and further to include in the document specimens of all forms used" (C. Res. 1972/4:5).

This contribution aims at meeting the resolution of the Council.

1. Fish landing statistics in Belgium are designed to meet quite various requirements. On the one hand they supply the basic data for scientific study of the stocks and fishing effort, either in the framework of I.C.E.S. or, on a narrower national plan, in the context of special or regional problems ; on the other hand they have to serve purposes of marketing or socio-economic politics, either in the framework of the E.E.C. or on national level. In this connection they are used in costs- and earnings studies.

2. All data concerning each landing are entered on "TABLE I" forms (Appendix Doc 1 - white form and 1a - red form).

"TABLE I" - White form is divided into three sections :
Section I identifies the vessel (homeport, registration number, name, engine output, tonnage, registered length), describes the fishing

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activity (fishing method, fishing ground, statistical rectangle of \pm 30 miles square, number of days at sea, number of days on the fishing ground, number of hours at sea, number of hours actual fishing, number of hauls) and gives port and date of landing.

Section II takes all data concerning landings of species covered by the common market policy of the E.E.C.

The entries are for each of those species : quantity and value of fish either sold on - or withdrawn from the market, both divided into quality and size categories as they are defined by E.E.C. Regulation nr. 2455/70 dd. 30th november 1970.

Section III takes the other species, grouped into bottom fishes, pelagic fishes and crustaceans and molluscs. Again quantities and values are entered seperately for fish sold on the market and those withdrawn when they did not fetch the minimum prices freely established by the producers organisations.

In the last part of this section are entered quantities and values of condemned fish (per species).

"TABLE I" - Red form is a simplified form designed to take data concerning herring, sprat or shrimp catches, of which other species mentioned are simply to be considered as by-catches.

With the exception of data concerning the fishing activity in section I, the "Table I" forms are completed by the fish-market operators, to whom is paid a small remuneration for this service.

3. Appendix Doc 2 is a form on which are entered some information recorded in their logbooks by the skippers. This form is completed by the Fisheries Inspector. The information is used to determine the number of days and hours at sea, the number of days on the fishing ground, the number of hours actual fishing and the statistical rectangle where fishing, or the main part of it, took place.

4. Appendix Doc 3 (white for the port of Ostend, yellow for Zeebruges and green for Nieuport) gives daily the hour of sailing or of entering port of each fishing vessel. These records are mainly used to compute the length of the trip of inshore vessels, but can also help to control the information given on Appendix Doc 2.

5. Once "TABLE I" form is completed, the information it contains is entered on a punch-card (Appendix Doc 4).

Those punch-cards are sent to the central statistics office in Brussels, where the information is stored on magnetic tape, to be used to prepare national statistics and to complete Statlant forms.

The punch-cards however are sent back to the local office at Ostend where they are used as basic data for detailed biological and economic research work, investigations concerning productivity of fisheries techniques etc... For such work the use of these cards, in combination with a simple equipment of a card sorter (IBM 82), an accounting machine (IBM 424) and a small desk computer has proven to be more efficient and faster than that of large computers where programming or alteration of existing programs takes too much time.



THUISHAVEN, NR. EN NAAM: _____
 PK: _____ BT: _____ Klasse: _____ Visserij: _____ Visgrond en vak: _____ / _____

E.E.G.- HANDELSNORMEN

Dagen		Aanvoer- haven	Datum verkoop .. / .. / ..	Uren		Sign. lengte	Slepen
ZEE ...	VIS ...			ZEE ...	VIS ...		

Vissoorten	Rubriek	VERHANDELDE HOEVEELHEDEN		OPGEHOUDEN HOEVEELHEDEN		Vissoorten	Rubriek	VERHANDELDE HOEVEELHEDEN		OPGEHOUDEN HOEVEELHEDEN		
		Gewicht (KG)	(1) Waarde (FR)	Gewicht (KG)	(3) Waarde (FR)			Gewicht (KG)	(1) Waarde (FR)	Gewicht (KG)	(3) Waarde (FR)	
SCHELVIS	101.11					SCHOL	110.11					
	21						21					
	Extra	31					Extra	31				
	41						41					
	101.12						110.12					
	22						22					
	A	32					A	32				
	42						42					
	101.13						110.13					
23					23							
B	33				B	33						
43					43							
Totaal						Totaal						
KABELJAUW	102.11					NOORSE SCHELVIS	131.11					
	21						Extra	21				
	Extra	31					131.12					
	41						22					
	51						A	22				
	102.12						131.13					
	22						23					
	A	32					B	23				
	42						Totaal					
	52											
	102.13						HARING	251.11				
	23							Extra	21			
B	33				31							
43					251.12							
53					22							
Totaal					32							
KOOLVIS	103.11					MAKREEL	252.11					
	21						21					
	Extra	31					Extra	31				
	41						41					
	103.12						252.12					
	22						22					
	A	32					A	32				
	42						42					
	103.13						252.13					
	23						23					
	B	33					B	33				
	43						43					
Totaal					Totaal							
WIJTING	104.11					GARNAAL	360.12					
	21						A	22				
	Extra	31					360.13					
	41						23					
	104.12						B	23				
	22						Totaal					
	A	32										
	42											
	104.13						totaal over te dragen					
	23											
	B	33										
	43											
Totaal												

INLICHTINGEN VOLGENS LOGBOEKEN

Datum van verzending :

N ^o vaartuig	Datum van verkoop	AFVAART		INVAART		AANTAL		Aant. slepen	Gem. duur sleep	Vakje	Vissers benaming grond	Opmerking
		Datum	Uur	Datum	Uur	Z. D.	V. D.					

Bon 2100 (1969) - Partij 2 - Drukk. Evrard, Franière.

WATERSCHOUTSAMBT ZEEBRUGGE

HAVENBEWEGING VISSERSVAARTUIGEN

Datum :

Uitgeva- ren om	Vaartuig nr	Ingeva- ren om	Uitgeva- ren om	Vaartuig nr	Ingeva- ren om	Uitgeva- ren om	Vaartuig nr	Ingeva- ren om
	Z.12			Z.421			Z.481	
	Z.24						Z.483	
	Z.25			Z.424			Z.484	
	Z.30			Z.427			Z.492	
	Z.34			Z.429			Z.494	
	Z.38			Z.430			Z.496	
	Z.54			Z.431			Z.497	
	Z.108			Z.433			Z.499	
	Z.175			Z.435			Z.500	
	Z.176			Z.436			Z.501	
	Z.184			Z.437			Z.502	
	Z.196			Z.438				
	Z.199			Z.442			Z.505	
	Z.200			Z.444			Z.506	
	Z.201			Z.445			Z.507	
	Z.257			Z.447			Z.509	
	Z.262			Z.451			Z.510	
	Z.283			Z.452			Z.511	
	Z.295			Z.455			Z.512	
	Z.348			Z.459			Z.516	
	Z.400			Z.460			Z.518	
	Z.402			Z.462			Z.519	
	Z.403			Z.463			Z.520	
	Z.405			Z.465				
	Z.408			Z.468				
				Z.471				
	Z.415			Z.472				
	Z.417			Z.473				
	Z.418			Z.474				
	Z.420			Z.477				

Uitgeva- ren om	Vaartuig nr	Ingeva- ren om	Uitge- varen om	Vaartuig nr	Ingeva- ren om	Uitgeva- ren om	Vaartuig nr	Ingeva- ren om
	Z.525			Z.574			B.601	
	Z.526			Z.575			B.602	
				Z.576			B.604	
	Z.533			Z.577				
	Z.536			Z.578				
	Z.537			Z.580				
	Z.538			Z.581				
				Z.582				
	Z.542			Z.583				
				Z.584			Z.	
	Z.546						Z.	
	Z.547			Z.586			Z.	
	Z.548			Z.587			Z.	
	Z.549			Z.588			Z.	
	Z.550			Z.589			O.	
	Z.551						O.	
	Z.552			Z.592			O.	
	Z.553			Z.593			O.	
	Z.554						<u>Vreemde vaartuigen</u>	
	Z.556			Z.596				
	Z.558			Z.597				
	Z.559			Z.598				
	Z.560			Z.599				
	Z.562			Z.600				
	Z.563			Z.603				
	Z.564			Z.704				
	Z.568							
	Z.569			Z.809				
	Z.570							
	Z.571							
	Z.573							

1.8.1973

WATERSCHOOTSAMBT NIEUWPOORT

HAVENBEWEGING VISSERSVAARTUIGEN

Datum :

Uitgeva- ren om	Vaartuig nr	Ingeva- ren om	Uitgeva- ren om	Vaartuig nr	Ingeva- ren om	Uitge- varen om	Vaartuig nr	Ingeva- ren om
	N.1			N.707			O.	
	N.7			N.708			O.	
	N.36			N.709			O.	
	N.106			N.710			O.	
	N.146			N.715			Z.	
	N.147			N.719			Z.	
	N.185			N.720			Z.	
	N.267			N.722			Z.	
	N.345			N.723				
	N.346							
	N.349			N.730				
	N.422			N.736				
	N.470							
	N.491			N.738				
	N.498							
	N.543			N.752				
	N.579			N.761				
	N.590			N.762				
	N.591			N.765				
				N.782				
				N.788				
	N.700							
	N.702			N.804				
				N.805				
				N.807				
	N.705			N.817				
	N.706							

