

International Council for  
the Exploration of the Sea

C.M. 1980/B : 6 (E)  
Fish capture Committee

GENERAL REPORT

Fish Capture Committee Working Groups

Reykjavik (Iceland) 5 to 9 May 1980

by

G. KURC\*

1. The improvement of fishing gears can be achieved only by the concerted efforts of fish behaviour experts, gear technologists and engineers. In order to contribute to the needed exchange of knowledge between these groups of experts, the members of the Working Group on :

- Research on Engineering Aspects of Fishing Gear, Vessels and Equipment, and

- Reaction of Fish to Fishing Operations.

participated in each other's sessions.

In doing so it was not necessary to hold a special joint session.

The participants, as listed in the Appendix, were welcomed on behalf of the Marine Research Institute by M. G. THORSTEINSSON. The Committee Chairman expressed the thanks of the participants to M. THORSTEINSSON for the excellent organization of the meeting. On the occasion of meetings with Icelandic authorities he further conveyed the general appreciation of the participants for the encountered hospitality and the provided facilities.

2. The sessions of the Working Groups were held on :

- Monday 5 and Tuesday 6 May 1980 - Engineering Working Group convened by M. E. J. de BOER,

Of the 11 technical papers which were presented and discussed 4 had the energy consumption of different types of fishing methods and possible ways of energy saving as subject matter (C.Res.1979/2:13). Some of the items covered in the papers and discussions were illustrated in three technical films.

As a response to C.Res.1979/2:14 the report of the Expert Group Meeting in Aberdeen (5-7 February 1980) on the Draft Code of Practice for the Conduct of Fishing Gear Experiments was presented and discussed.

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- Wednesday 7 and Thursday 8 May 1980 - Fish Reaction Working Group convened by Dr C.S. WARDLE.

The participants discussed 3 papers. In addition several verbal contributions resulted in fruitful discussions.

The possibilities of the application of underwater television systems for direct observation of both fish behaviour in the capture process and full-scale and model gears in action was demonstrated during a session in which two video-recordings were showed and explained.

3. Simultaneously with the Working Groups the Planning Group for the Symposium on Fisheries Acoustics (C.Res.1979/2:1), convened by M.R.E.CRAIG, met on Wednesday 7 May 1980.

Both the previous Chairman of the Pelagic Fish Committee, M. J.JAKOBSSON and the Chairman of the Fish Capture Committee, Dr.G.KURC, participated in this meeting.

One of the results of this meeting was that said Planning Group felt the necessity to meet again next year simultaneously with the Engineering and Fish Reaction Working Group, in order to prepare recommendations on standard targets and calibration procedures.

4. On Friday 9 May 1980 the latest developments in the production and application of materials and nets for both active and passive gears were demonstrated during a visit to a twine and net factory in Reykjavik.

#### 5. Conclusions.

- In the discussion which concluded this meeting the participants expressed their feeling that the combined meeting of both Working Groups has proved to be beneficial for biologists and engineers. The recommendation that both Working Groups should simultaneously meet next year was generally supported.

- The Chairman of the Fish Capture Committee invited the Working Groups to meet from 4 to 8 May 1981 in Nantes (France). He proposed the joint meeting to visit the Fluma Tank in Lorient on 8 May 1981 to experience the possibilities of this facility for observation of model gears in action.

The participants accepted this invitation.

The specific recommendations of the Working Groups will be submitted by the respective conveners to the members of the Fish Capture Committee at the 1980 Statutory Meeting.

Working groups, Reyjavik Mai 1980

		<u>Eng.</u>	<u>Reaction</u>	<u>Planning G.</u>
G. KURC	France	x	x	x
J.C. BRABANT	"	x	x	
J. PRADO	"	x	x	
G.S. WARDLE	Scotl.	x	x	
D.N. MACLENNAN	"	x	x	
P.A.M. STEWART	"	x	x	
E.J. de BOER	Neth.	x	x	
B. VAN MARLEN	"	x	x	
M. TORMA	Finl.	x		
G. FREYTAG	F.R.G.	x	x	
K. LANGE	"	x	x	
P. PFEIFER	"	x	x	
H. HIRSCHLE	"	x	x	
A.J. KEMMERER	U.S.A.		x	
A.J. BLOTT	"	x	x	
J.B. SUOMALA	"	x	x	x
J. SCHARFE	F.A.O.	x	x	
M. HATFIELD	Engl.	x	x	
D. WILEMAN	"	x	x	
POSTINIKOV	USSR	x	x	
GOUSSEV	"	x	x	
B. CRAIG	Scotl.	x	x	x
O. OLSEN	Far. Isl.	x	x	
B. THOMSEN	"	x	x	
A. AGUSTSSON	Icel.	x	x	
E. RAGNARSSON	"	x	x	
J. JAKOBSSON	"	(x)	(x)	x
G. THORSTEINSSON	"	x	x	
G. GUNNARSSON	"	x	x	
S. BJORNSSON	"	x	x	
O. NAKKEN	Norv.		x	x
S. OLSEN	"	x	x	
K. OLSEN	"		x	x
B. ISAKSEN	"	x	x	
A. ENDAL	"	x	x	
I. BJORKUM	"	x	x	
A. BREDESEN	"	x	x	

		<u>Eng.</u>	<u>Reaction</u>	<u>Planning G.</u>
R.H. Mc ILWAINE	Can.	x	x	
G. VANDEN BROUCKE	Belg.	x	x	
S. RICHERT	Pol.	x	x	