

76/17

REPORT TO F.I.R.T.A.
N.S.W. FISHING GEAR WORKSHOP AND TRAWL
AND DANISH SEINE WORKSHOF - APRIL 1977

A Fishing Gear Workshop and Trawl and Danish Seine Seminar organised by N.S.W. State Fisheries in April brought together 48 fishermen and industry and government representatives (See Appendix Part 1).

The five day seminar programme included 25 papers spanning 3½ days, an excursion aboard the F.R.V. "Kapala", a film night, a barbecue, and a visit to the U.S.A. Commercial Fishing Exhibition.

The aim of the seminar was to provide a means of communication between people associated with trawling and Danish seining as fish catching methods, and more specifically to help fishermen become more efficient and expert at their craft.

All participants were given extensive documentation including a copy of the 1974 Trawling Seminar Proceedings.

Topics covered included netting materials; design, construction and repair of nets, wire rope; chain; fish and prawn trawl designs; otterboard design and performance; trends in boat designs; deck and propulsion machinery; fish trawling practices; prawn trawling practices; and Danish seining practices. (See Appendix Part 2).

Speakers included 3 naval architects, 6 industry representatives, 4 fishermen who are leaders in their fields, and officers from N.S.W. State Fisheries and the Fisheries Division, Department of Primary Industry.

The excursion aboard F.R.V. "Kapala" allowed time for an inspection of the ship and included demonstration of a midwater trawling equipment and a bottom prawn trawl.

An addition to the original agenda was a visit to the U.S.A. Commercial Fishing Exhibition, where a talk was given by Mr Burton Coffey, Senior Editor of "National Fisherman", and recent fishing gear was on display.

Copies of papers presented at the Workshop will be available through N.S.W. State Fisheries when they are published, and will be forwarded free of charge to the participants as well as to all trawl and Danish seine fishermen in New South Wales. Copies are also provided free on request to any Australian fishermen or organisation relating to the fishing industry.

The list of papers forwarded to the Government Printer for inclusion in the Proceedings of the 1977 Seminar as shown in the Appendix part 3.

PUBLICATION: THE PROCEEDINGS OF THE 1977
FISHING GEAR WORKSHOP

Author's Name	Title of Article	Illustrations	Date copy sent	Date galley returned	Date sent back
-	Title Page, List of Contents, List of Participants	-	22/5/78		
.B. Gorman	Theme of Seminar (1) Synthetic Fibres used in Fishing	2	22/5/78		
. Forsyth	(2) Ropes for Fishing Gear	11 + table	22/5/78		
.G. Irvine	(3) Nets: A Supplier's Point of View	-	22/5/78		
	(4) Catalogue for Fishing Gear Designs	(in text only)	22/5/78		
.B. Gorman	(5) Calculating Tapers	8	22/5/78		
.B. Gorman	(6) Hanging Netting	7	22/5/78		
. Campbell	(7) Wire Rope and Chain for Fishing Gear	-	22/5/78		
.B. Gorman	(8) Fish Trawls	23	22/5/78		
.A.C. Reprint	(9) Otter Board Design and Performance	20	22/5/78		
.B. Gorman	(10) Recent Examples of Overseas Trawlers	9	22/5/78		
.W. Cropp	(11) Fishing Vessels and Practices at Lakes Entrance	6	22/5/78		
. Tober	(12) Otter Trawling from "Zeehan"	(graph) 1	22/5/78		
. Walkear	(13) Australian Trawling Practices	-	22/5/78		
.J. Graham	(14) N.S.W. Kapala Programme	16 + map	22/5/78		
. Harris	(15) Otter Boards used in the Clarence River Prawn Fishery	-	22/5/78		
. Bienke	(16) A Northern N.S.W. Prawn Trawl	3	22/5/78		
.E. Boden	(17) Trends in Fishing Boat Design	Approx. 16	22/5/78		
. Kiley & . Toyer	(18) A Recent East Coast Trawler Design	2	22/5/78		

Author's Name	Title of Article	Illustrations	Copy sent	returned	back
. Kelly	(19) Royal Red Prawns	-	22/5/78		
. Riley	(20) Can You Afford Not to Fit a Nozzle to Your Trailer	1	22/5/78		
. Longbottom	(21) Hydraulic Equipment for Commercial Vessels	-	22/5/78		
/S Hydraulic ratvaag, Norway	(22) The " Synchro" automatic Trawl Winch System	6	22/5/78		

Deck and propulsion machinery

Peter Ashworth
Bruce Fitzgerald
Neville Longbottom
Ted Brown
Noel Riley

Fishing trawling practices

John Guillot
Dirk Tober
Laurie Walkear

Prawn trawling practices

Neil Kelly
Buck Harris

Kapala - trawling programme

Ken Graham

Departmental Barbecue

DAY IV

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|--|-------------------|
| 1. U.S.A. Commercial Fishing Exhibition | U.S. Trade Centre |
| 2. <u>Design of seine nets</u> | T.B. Gorman |
| 3. <u>Recent trends in Danish seining</u> | T.B. Gorman |
| 4. <u>Deck machinery for Danish seine</u> | T.B. Gorman |
| 5. <u>Trends in design of vessel for Danish seining</u> | T.B. Gorman |
| 6. <u>Danish seining methods and practices</u> | T.B. Gorman |
| 7. General discussion of fishing methods, fishing gear and fishing vessels | |

DAY I

Opening address- Director

Subject I

- | | |
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| 1. Netting materials for fishing gear | T.B. Gorman
Ian Irvine
Tom Forsyth |
| 2. Uniform terminology for nets and gear | T.B. Gorman |
| 3. Shaping of netting | T.B. Gorman |
| 4. Interpretation of net plans | T.B. Gorman |
| 5. Net construction and net repair | T.B. Gorman |
| 6. Wire rope | Cairns Campbell
(Bullivants) |
| 7. Chain | Cairns Campbell |

DAY II

Design and application of fish trawl nets

Design and application of prawn trawls

Otter board design and performance

T.B. Gorman
N.W. Harris
Ted Brown

Recent trends in fish trawler design

T.B. Gorman
Owen Cropp
Neol Riley

Recent trends in prawn trawler design

Cecil Boden

Firm night with beer 5.30 start

LIST OF PARTICIPANTS

<u>NAME</u>	<u>BOAT NAME</u>	<u>ADDRESS</u>
Wayne Baker	Tacoma	13 Sea View Avenue, Tarooma, Tasmania
Geoff Breeze		15 Seaview Street, Forster, 2428
Brian Bienke	Deb-Rene-Adele	10 Milton Street, Byron Bay, 2481
Tony Boyes		23 Robin Street, Lakes Entrance, Vic.
Michael Campbell	Trust	291 Storey Street, Maroubra, 2035
Geoff Dews	Jomeral	11/120 Chery Street, Ballina, 2478
George Pain		R.M.B. 743 Anna Bay, N.S.W., 2301
John Guillot		8 Nautilus Way, Lakes Entrance, Vic.
John Gordon	Marconis Cross	30 Murrah Street, Bermagui, 2547
Phil Musgrave		120 Russell Avenue, Sans Souci, 2219
Will Nichols	Sartuna	41 Sturdee Street, Linden Park, S.A.
Doolie Stevens		23 Robins Street, Lakes Entrance, Vic.
Dirk Tober		6 Beach Street, Frankston, Victoria
Bill Tober		" " " " "
John Tober		" " " " "
Eric Toyer	Regulus	P.O. Box 24, Yamba, 2464
Ted Worrall		7 Pearce Street, South Coogee, 2034
Neil Kelly		18 Trinity Row, Bulli, 2516
Norm Grant		C/- Sydney Fish Market, Gipps Street, Pyrmont, 2009
Ted Brown		Brown Bros. & Rollings, Campbell Street Balmain, 2041
Cecil Boden		695 George Street, Sydney, 2000
Cairns Campbell		Australian Wire Industries, Sydney, 2000
Owen Cropp		Lakes Entrance, Victoria, 3909
Tom Forsyth		C/- Net Sales P/L, Jones & Gipps Street Pyrmont, 2009
Ken Hogben		A.N.I. Perkins, Farramatta Road, Lidcombe, 2141
Ian Irvine		2 Kennedy Street, Revesby, 2212
Erik Kampe		14 Rapkin Street, Holland Park, Qld.
Ted Raybould		NIC Instrument Co., Airport West, Vic.
Noel Riley		24 Thomas Street, Chatswood, 2067
Stan Quin		12 Nile Street, Port Adelaide, S.A.
Neville Longbottom		Palm Beach Marine, Barrenjoey Road, Palm Beach, 2108
Ron Parker		" " " " "
Tex Pirie		NIC Instrument Co., Marrickville, 2204
L. Walkear		Fisheries Division, Canberra, A.C.T.
N.W. Harris		Yambard, Yamba, N.S.W., 2464
George Gay		56 Beach Drive, Killcare, 2256
John Glaister		N.S.W. State Fisheries
K. Rowling		" " "
J. Diplock		" " "
S. Montgomery		" " "
D. Smith		" " "
T. Gorman		" " "
K. Graham		" " "
B. Fitz-Gerald		" " "
F. Ashworth		" " "
G. Hamer		" " "