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COMPILED BY:

Susan Warren
June, 1988

ABSTRACT

This catalogue lists reports that are on file at the Fisheries Development Division, Fisheries and Habitat Management, Newfoundland Region. The report filing system is categorized into various sections such as Regional Project Reports, National Reports, Brochures, etc. One copy of each report is kept on file and extra copies intended for public distribution are boxed in numerical order and displayed on shelves. Any copy is available upon request, free of charge.

Other sections such as confidential reports, unpublished reports, proposals, co-op reports and program plans are not intended for public use, thus only one copy is kept on file.

Most of the reports in the system are entered in the waves database at the library. Access to this system allows FDD staff to search for any information on any requested subject quickly and efficiently.

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- V. Unpub. - Unpublished Reports (A-Z)
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 - Fisheries and Habitat Management
 - Inspection Services Branch
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- VII. Co-op Student Reports
- VIII. Confidential Reports
- IV. Proposals/Program Plans

Note

- * Only one copy available for file, otherwise extra copies available upon request.
- ° Not entered in waves database (ie. can not be searched by computer)
- A copy of all reports is placed in our Regional Departmental Library.

REGIONAL PROJECT REPORTS

The Regional Project Report Section contains reports intended for Regional audiences. A project report is written on each development project by Development Officers, or consultants for Fisheries Development Newfoundland Region. These reports are published, entered into the Regional Project Report Series and distributed throughout our Region. In recent years, some have been published in the Scitech Series (Departmental Publication Series) and distributed throughout the world.

I. REGIONAL PROJECT REPORTS

NO.	TITLE	YEAR
* 1	The Capelin Story	1973
* 2	Atlantic Capelin Development Program: Progress Report, Marketing Phase	1973
3	The Capelin Ring Net Technique	1973
* 4	The Capelin Single Vessel Midwater Trawl Technique	1973
* 5	Product Development, Frozen Capelin Products	1973
* 6	Processing and Product Development of Canned Capelin Products	1973
* 7	Some Characteristics of Inshore Spawning Capelin	1973
* 8	Impressions of the Icelandic Capelin Fishery	1973
9	Observations and Recommendations on Pre-processing Handling of Inshore Capelin	1973
10	Product Development of Under-exploited Species	1973
* 11	A Practical Way to Modify the Nfld Cod Trap	1973
* 12	Small Boat Pair Midwater Trawling	1975
* 13	Fishery Development - Northern Labrador	1974
14	Commercial Explorations for Shrimp & Turbot - Labrador	1976
15	1975 Spanish Pair Trawl Experiment	1976
* 15A	1975 Spanish Pair Trawl Experiment	1976
16	Lost Gillnet Retrieval Experiment	1976
17	1975-76 Fisheries Development Program	1976
18	Exploratory Scallop Survey - Northern Labrador	1976
* 19	Exploratory Fishing for Shrimp and Crab, 1976	1977
* 20	Preliminary Report - Experimental Shrimp Sorting Trawl-1976	1977
* 21	Pair Midwater Trawling Project - 1976	1976
* 22	Ice Fishing - Notre Dame Bay	1977
* 23	Scallop Project - Northern Labrador - 1976	1977
* 24	Atlantic Groundfish Vessel Dislocation Adjustment Program	1976
25	Lost Gillnet (Ghost Net) Retrieval Project - 1976	1977

NO.	TITLE	YEAR
* 26	Fisheries Development Program, Nfld Region Progress Report 1976/77	1976
* 27	Capelin Development Project - 1977	1978
28	Pair Bottom Trawling - Newfoundland - 1977	1978
* 29	Exploratory Scallop Fishing Labrador - 1977	1978
* 30	Special Assistance for Fishing ICNAF Areas 2GHJ and 3K	1977
31	Experimental Shrimp Sorting Trawl, 1977	1977
32	Offshore Shrimp Explorations - 1977	1978
33	Scottish Seining - Newfoundland - 1977	1978
34	Northern Exploratory Shrimp Survey, M/V KRISTINA LOGOS - 1978	1979
35	Shrimp Sorting Trawl-1978	1979
* 36	1978 "Middle Distance" Scottish Seine Net/Trawl Experiment	1978
37	Commercial Shrimp Survey - Gulf of St. Lawrence - 1979	1980
* 38	Bottom and Midwater Trawl Shooting and Hauling Procedures for 'Pennyluck II' and Other Side Trawlers Converted to Stern Trawling.	1973
39	Commercial Shrimp Survey - Gulf of St. Lawrence. Project No. 1.	1981
40	Exploratory Crab Survey - Nfld & Lab. Project No. 2 - 1980	1981
41	Exploratory Survey for Iceland Scallops - Labrador. Project No. 3 - 1980	1981
42	Mustad Autolining M/V GARY MICHAEL - East Coast of Nfld. Project No. 4 - 1980	1980
43	Groundfish Trawling Projects Northeast Coast Nfld. Project No. 5 - 1980	1981
44	A Study to Determine the Impact of Mesh Size on Redfish Catches. Project No. 6 - 1981	1982
* 45	Dried Squid Improvement Project	1981
46	Exploratory Survey for Scallops Western Nfld. Project No. 7 - 1981	1981
47	Exploratory Crab Survey. Project No. 8 - 1981	1981

NO.	TITLE	YEAR
48	Mechanized Longlining Experiment in Middle Water Areas Using an 80' Vessel. Project No. 9 - 1981	1982
49	High Density Polyethylene Fish Hold Liner for Fishing Boats. Project No. 10 - 1981	1982
50	Mechanized Autolining East Coast Nfld. (The Mustad System) Project No. 11 - 1980/81	1982
51	Random Baiting Trials & Demos. South Labrador Coast - Northern Gulf of St. Lawrence. Project No. 12 - 1981	1982
52	Random Baiting Electronic Jigging Demos. Southeast Labrador Coast. Project No. 13 - 1981	1982
53	Comparative Testing Mustad Autoline System vs. Random Baiting System. Project No. 14 - 1981	1982
54	Impact of Various Onboard Handling Procedures on the Quality of Fish Landed by an Inshore Dragger in the Northeastern Gulf of St. Lawrence. Project No. 15	1982
55	Inshore Fishing Gear and Technology (Revision to 1975 Report). Project No. 16	1983
56	Exploratory Crab Survey - Northern Grand Banks. Project No. 17 - 1982	1983
* 57	Vessel Instrumentation Project (Preliminary Report) Project No. 18 - 1982	1984
58	The Comparative Effectiveness of Sharkskin Hull Coating and a Marine Antifouling Paint. Project No. 19 - 1982	1983
59	Inshore Groundfish Pilot Project: Freezing for later Processing. Project No. 20	1984
60	Exploratory Survey for Iceland Scallops, Lab. (Nain Area) Project No. 21 - 1982	1983
61	Mechanized Autolining East Coast of Nfld. Project No. 22	1983
62	Shrimp Pot Fishing Experiment Trinity Bay. Project No. 23	1984
63	Exploratory Crab Survey Nfld. Project No. 24 - 1983	1984
64	Fishing Containerization, Some Practical Applications for Reducing Labour and Improving Fish Quality on Nfld. Inshore Fishing Vessels. Project No. 25	1984

NO.	TITLE	YEAR
65	Lost Gillnet Retrieval Project. Project No. 26 - 1983-84	1984
66	Groundfish Bottom Trawling Survey, Labrador - 1983 Project No. 27	1984
67	Vessel Instrumentation Report. Project No. 28 - 1983	1984
* 68	Trip Report March 16-26, 1983. Visit to Norway/Sweden to Evaluate Miniline/Sari Autoline Systems	°1983
* 69	Canadian Fishermen's Charts Marketing Report.	1983
70	Fisheries Development 1983: Annual Project Review.	1983
71	A Comprehensive Review of the Surimi Industry and the Development Potential in Atlantic Canada. Project No. 29	1984
72	Development and Testing of Vessel Energy Efficiency Analysis System. Project No. 30	1984
72A	Appendix to Development and Testing of Vessel Energy Efficiency Analysis System	1984
73	Fish Processing in Nfld and Lab. The Present State of the Art and the Potential for Improvement. Project No. 31	1984
74	Exploratory Crab Survey: Offshore Crab Survey Northeastern Newfoundland and Labrador. Project No. 32	1984
75	Report on the Middle Distance Longline Fishing Project Using the Norwegian Longliner KELTIC. Project No. 33	1984
76	Experimental Redfish Project 1985. Project No. 34	1984
77	Sea Water Spray/Fog Cooling System for Crab Vessels. Project No. 35	1984
* 78	Preliminary Study of Requirements for Industrial Thawing of Fish in Nfld. Project No. 36	1984
79	Status of Fisheries Co-operatives in Nfld & Labrador. Project No. 37	1985
80	Roe Capelin Sampling Project. Project No. 40	1984
81	Light Salted Fish Drying with Dehumidification & Heat Reclaim	1981
82	Exploratory Grand Banks Scallop Survey - 1982	1982
82A	Appendix to Exploratory Grand Banks Scallop Survey - 1982	1982

NO.	TITLE	YEAR
83	Variation of Three Heat Pump Drying Systems	1983
84	A Study into the Effect of Increasing the Minimum Mesh Size in Cod Traps from 89mm (3½") to 102mm (4")	1984
85	Development of an Underrunning System for Moored Longlines	1986
86	Vessel Analysis Computing System (Ener Sea)	1986
87	Experimental Commercial Crab Fishing Project Labrador	1986
88	A Study of the Use of Cod, Cod By-Products and Crustacean By-Products for Surimi and Surimi-Based Products: Part I- Raw Material Assessment	1986
89	A Study of the Use of Cod, Cod By-Products and Crustacean By-Products for Surimi and Surimi-Based Products: Part II- Physiology Studies	1986
90	A Study of the Use of Cod, Cod By-Products and Crustacean By-Products for Surimi and Surimi-Based Products: Part III- Shellfish Flavour Extraction Studies	1986
* 91	Exploratory Surveys for Snow Crab in Nfld & Lab. 1968-1985	1986
92	Offshore Scallop Fishing Experiment St. Pierre Bank, 1985	1987
93	Surimi Development Workshop Clarenville, Nfld.	°1987
93A	Atlantic Fisheries Development: Surimi Development.	°1986
93B	Clarenville Surimi Development Workshop - French Version	°1987
94	Redfish Harvesting Experiment - 1985	1987
* 95	1979 Middle Distance Scottish Seine/Pair Bottom Trawl Experiments Carried out off Eastern Nfld & Lab.	1979
* 96	The Design, Construction and Testing and Demonstration of a Prototype Trap Boat Containerization System for Small Open Inshore Boats Between 25 and 33 Feet.	1982
97	The Labrador - A Summary of Development Proposals for the Coastal Fishery in Lab. - NORDCO	1983
* 98	A Field and Laboratory Evaluation of Artificial Baits for the Cod Longlining Fishery in Newfoundland.	1984
* 99	Ener Sea Program. Preliminary Impact Assessment	1985
* 100	Study on the Potential of Commercial Harvesting of Periwinkles in the East Coast of Nfld and Recommendations on the most Effective Harvesting Method.	1986
101	Video-Tape Library Catalogue-Revised.	1988

NO.	TITLE	YEAR
* 102	Report on Exploratory Crab Fishing Bonavista Bay, West & Northwest Coast, Newfoundland.	1970
* 103	Report on Exploratory Crab Fishing Placentia Bay 1970.	1970
* 104	Report M.T. Boston York Trip No. 4. May 29 - July 5, 1973	1973
* 105	1976 Northern Exploratory Fishing Survey Trip No. 1. (May 17 - June 9) MV "Zaragoza".	1976
* 106	North American Experience in Salt Curing & Drying Groundfish.	1977
* 107	The Introduction of the Four Panel Trawl to the Newfoundland Inshore Fishery.	1979
* 108	A Feasibility Study on Fishing Charts for Newfoundland Waters.	1981
* 109	A Pilot Study of Fuel Efficiency of Pair and Single Boat Trawling.	1981
* 110	To Assess a Design and Construct, Test and Evaluate a Prototype Onshore Automatic Baiting System.	1981
* 111	To Evaluate the Performance of Automated Onboard Longlining baiting Machines in Newfoundland.	1981
* 112	An Evaluation of: Methods of Bait Perservation, Alternate Sources of Bait and their Effectiveness in the Longlining Fishery in Newfoundland.	1982
* 113	Stockfish Drying Experiments.	1982
* 114	Report on the Gangbaiter Pilot Demonstration Project Part 1.	1982
* 115	Report on Further Design, Construction and Testing of a Prototype Onshore Automatic Baiting System. (Continuation of Contract O8SC.FP001-0-0164/01).	1982
* 116	An Evaluation of Crude Hydrolysates from Fish and Fish Wastes as Alternate Sources of Bait for the Cod Longlining Fishery.	1983
* 117	Report on the Design, Construction and Test on an Onboard Groundfish Handling System.	1983
* 118	Development and Testing of an Individual Vessel Energy Efficiency Analysis System.	1983

NO.	TITLE	YEAR
* 119	Opportunities for Fish Processors to Improve Profitability through Increased Yields and Productivity.	1985
* 120	Industrial Development Branch Projects involving Japanese Technicians.	1973
* 121	Mechanical Trawl Baiting Project - Final Report.	---
* 122	Guidelines and Terms of Reference for Individual Vessel Analysis of Fuel Efficiency.	---
123	The Green Sea Urchin - Information Sheet.	1986
124	The Common Periwinkle - Information Sheet.	1986
125	The Common Whelk - Information Sheet.	1986
126	The Impact of Sorting Fish Prior to Processing - A Pilot Project	1987
* 127	Development of On-Shore Trawl Baiting Equipment.	°1980
* 129	Parasite Location Results	°1987
* 129A	Parasite Location Results - Volume II, Graphs and Tables	°1987
130	An experiment in Fibreglassing a Wooden Inshore Fishing Vessel.	°1988
131	Report on the Development of an Automated Fish Sorting System using Machine Vision.	°1988
* 132	Urban Development: Guidelines for Protection of Fish Habitat in Insular Newfoundland.	°1983
133	Interim Report on the Performance and Cost Effectiveness of a Simnar Shoal Fish heading/Eviscerating Machine.	°1987
134A	Aquaculture Workshop Charlottetown P.E.I. Volume I.	°1987
134B	Aquaculture Workshop Charlottetown P.E.I. Volume II.	°1987
134C	Aquaculture (Brochure)	°1986
* 135	Publication Guidelines for Contractors for Preparation of Scientific and Technical Reports.	° ---
* 136	Compendium of Sea Urchin - Literature up to July, 1986 Volumes I -II Abstracts.	°1986

BROCHURES

Since 1983, the Fisheries Development Division has been producing general education brochures. These brochures are classified under different headings, namely: Fishing for Profit, Fishing for Quality, Fishing Gear and Equipment, Aquaculture in Newfoundland and others. Each brochure is designed to fill a particular purpose. They provide fishermen and processors with helpful information on their particular operation. Most of these brochures are supplements to sound-on-slide presentations or video tapes. They usually contain 16 to 24 pages and are written by consultants and edited by the project officer and our Communications Branch.

II. BROCHURES

NO.	TITLE	YEAR
1	Fishing for Quality No.1. An On-Board Handling System - Gillnetters.	1983
2	Fishing Gear and Equipment No. 1. The Nfld Longline Fishery	1983
3	Fishing Gear and Equipment No. 2. Development of the Cod Trap	1983
4	The Newfoundland Crab Fishery	1983
5	The Newfoundland Scallop Fishery	1983
* 6	Fisheries Development Annual Project Review 1982	1982
* 7	Fisheries Development Branch	*1982
8	Fishing for Profit. No. 1. Cutting the Cost	1983
9	Fishing for Profit. No. 2. Picking a Prop	1983
10	Atlantic Fisheries Development 1983/84 Annual Project Review	*1983
11	Fishing for Quality - Publication No. 2. Handling, Holding & Transporting Live Snow Crab in Newfoundland	1984
12	Fishing for Profit. No. 3. Engine Efficiency	1984
13	Fishing Vessel Stability	*1985
14	Fishing for Profit. No. 4. The Ener Sea Program	1986
15	Fishing for Quality - Publication No. 3. Handling and Processing Female Capelin in Newfoundland	1986
16	Aquaculture in Newfoundland - A Guide to Longline Mussel Culture in Newfoundland.	*1988

PROJECT SUMMARY

Project Summaries are an Atlantic Fisheries Development Series which began in 1986. They are printed on 8½"x11" fold-out paper, and are 4 to 6 pages in length. They are written by consultants, or by Fisheries Development Officers, and edited by our Technology and Information officer. They are designed to summarize information on development projects, and relay it to industry as quickly as possible. The information contained in a project summary may be published as a Scitech report or a Regional Project Report at a later date.

III. PROJECT SUMMARY

NO.	TITLE	YEAR
1	Snap-on/Drum Longlining System for Halibut.	°1985
2	Circle Hook Comparison Study	°1985
3	Square/Diamond Mesh Codend Comparisons	°1985
4	Canadian Fully Powered Rope Reels for Scottish Seining	1985
5	Harvesting Spiny Dogfish	°1985
6	Remote - Controlled Underwater Camera Vehicle (RUCV)	°1987
7	Diesel Fuel Consumption Tests Using Heated Fuel and Synthetic Lubricating Oil.	°1987
8	Plastic Segmented Nozzle	°1987
9	Commercial Halibut Survey North and Northeast Coast of Newfoundland.	°1987
10	Development and Evaluation of Quality Improvement Initiatives on Inshore Fishing Vessels.	°1988

NATIONAL REPORTS

The National Report Section includes various project reports written by Fisheries Development Officers or consultants throughout Canada. This series began in 1966 and contains the National General Education Reports which began in 1985. This section contains seven categories; Ottawa, Gulf Region, Canadian Fisheries, Scotia-Fundy, Western Reion, Pacific Region, and Other.

IV. NATIONAL REPORTS

NO.	TITLE	YEAR
<u>Ottawa</u>		
1	Experimental Operation of Japanese Type Cod Traps in Nfld.	1966
2	A Report on Some Aspects of the Seaweed Industry in the Maritime Provinces of Canada.	1966
* 3	A Survey of Eel Fishing in the Maritime Provinces.	1966
4	A Report on the Development of a Queen Crab Fishery in the Maritime Provinces of Canada.	1967
5	Observations on the Operation of the Whale Catcher KYO MARU #17 off Newfoundland.	1967
* 6	Processing and Handling of Atlantic Queen Crab.	1967
* 7	Report of a Tour of Selected Fisheries Training Institutes & Related Establishments in the USSR, Norway & the U.K.	1967
* 8	The Mechanical Drying of Light Salted Codfish.	1967
* 9	Report on Herring Midwater & Bottom Trawling in Europe and the United Kingdom.	1967
10	Spider Crab Explorations Gulf of St. Lawrence December 1965 to February 1966.	1966
11	Canadian Atlantic Midwater Herring Trawling Project.	1967
12	Experimental Operation of Japanese Type Cod Traps in Nfld.	1967
13	Marine Plants of the Atlantic Coast Provinces of Canada.	1967
14	Dehydrated Fish Flake Project.	1967
* 15	The General Status of the Seaweed Industry in British Columbia	1967
* 16	A Quantity Survey of Irish Moss and Other Seaweeds in the Miminegash Area.	1968
17	Program of Technical Assistance to Salted Cod Producers in Newfoundland and Labrador.	1968
18	Interim Report The Queen Crab Fishery in the Atlantic Provinces, 1967.	1968
19	Interim Report Atlantic Queen Crab, Newfoundland, 1967	1968

NO.	TITLE	YEAR
20	The Cultivation of Seaweeds in Japan and its Possible Application in the Atlantic Provinces of Canada.	1968
21	Fish Temperatures Aboard Commercial Trawlers.	1968
22	Experiments in Mechanical Drying of Salted Cod.	1968
23	Report on Visits to Iceland, Faroe Islands & Norway to Observe & Study Fish Catching, Handling & Processing Methods with Particular Emphasis on Salted Codfish Production.	1968
* 24	Upgrading the Quality of Storm Cast <u>Chondrus crispus</u> prior to Extraction.	1968
25	Report on a Visit to the Fishing Port of Bremerhaven, W. Germany.	1968
26	Japanese Cod Traps.	1968
27	Progress Report on Technical Assistance to Salted Fish Producers in Newfoundland & Labrador.	1969
* 28	The Queen Crab Industry in the Atlantic Provinces.	1969
29	Loss of Weight by Iced Fish.	1969
30	Canadian Pair Seining Experiment 1969.	1969
* 31	Some Notes on the Marine Plants Industry in Canada.	1969
32	Progress Reports Nos 1 to 5 of the American Eel (<i>Anguilla Rostrata</i>) Studies in Canada.	1970
33	Chemical Investigations of <i>Chondrus Crispus</i> .	1970
* 34	Outline Specification for 97-foot L.O.A. FRP Combination Fishing Vessel.	1970
* 35	Studies of the Biology & Ecology of <i>Chondrus Crispus</i> Stack, (Irish Moss) on Prince Edward Island, 1969.	1970
* 39	Chemical Investigations of <u>Chondrus crispus</u> (Progress Report 1970).	1971
* 40	A Techno-Economic Study of Fishing Vessel Requirements for New Brunswick.	1971
41	Marine Electronics Evaluation Project Radar.	1971

NO.	TITLE	YEAR
42	Ferro-cement for Canadian Fishing Vessels.	1971
43	Oyster Depuration plant Ladysmith, B.C. (Final Report).	1971
* 44	Studies of <u>Chondrus crispus</u> (Irish Moss) & <u>Furcellaria fastigiata</u> Populations on P.E.I. during 1970.	1971
45	Report on High Speed Scanning Sonar Development Project.	1971
* 46	Hydraulics for Small Trawlers.	1971
* 47	Manitoba Coarse Fish and Gear Development Program.	1971
* 48	Ferro-cement for Canadian Fishing Vessels Vol. 2.	1972
* 49	Shrimp Survey 1971 Gulf of St. Lawrence.	1972
* 53	Trawler Simulation.	1972
* 54	Speciality Fish Production Development in Newfoundland 1971.	1972
* 56	1972 Manitoba Aquaculture Harvesting Experiments.	°1972
57	Operation Report: Oyster Depuration Plant. Ladysmith, B.C.	1973
* 58	Exploratory Shrimp Fishing, Newfoundland.	1971
* 64	Ferro-Cement for Canadian Fishing Vessels. Vol.4	1973
65	Studies of Populations of <u>Chondrus crispus</u> and <u>Furcellaria Fastigiata</u> in Prince Edward Island Waters during 1971.	1973
66	Chemical Investigations of <u>Chondrus crispus</u> Progress Report	1971
* 68	1972 Great Slave Lake Gear Development.	1972
* 70	Small Ship Electrical Power System	1972
* 72	European Method of Pair Midwater Trawling.	1973
73	Summary of Proceedings - Fish Detection Workshop.	1973
* 74	Progress Report II Atlantic Capelin Fishery.	1974
76	Review of the East Coast Quahaug Fishery	1972
* 77	Hold Linings for Canadian Fishing Vessels.	1974

NO.	TITLE	YEAR
78	Commercial Exploration for Capelin - A Technical Photo Report.	1974
* 79	Small Trawler Hydraulic Power System.	1974
* 80	Exploratory Shrimp Trawling, British Columbia 1972-73.	1974
* 81	Trap Fishing Black Cod, British Columbia 1971-72.	1974
* 82	Minimum Specification for Building 35'-50' Wooden Fishing Vessels.	---
* 84	Stability of Newfoundland Inshore Fishing Vessels.	1975
* 85	Northern Experimental Fishing.	1975
* 86	Studies of the Gracilaria Community in Hill River, P.E.I.	1975
87	Exploratory Fishing for Capelin in N.W. Atlantic.	1975
* 88	<u>The Chondrus crispus - Furcellaria fastigiata</u> Community at Campbell's Cove, Prince Edward Island.	1975
* 91	The Problem of Rot in Wooden Vessels.	1976
* 101	Shrimp Midwater Trawl Development 1977 Gulf of St. Lawrence.	1977
* 102	Eel Experiment, Kent Country, N.B. May 15 to September 1, 1966	1966
* 127	Portable Blast Freezing - New Technology for the Fishing Industry.	1981
* 137	A Current Appraisal of the Irish Moss Industry.	1970
* 138	Review of Industrial Development Branch Programs 1972/73.	1973
* 139	Report on Capelin Fishery of Norway. February 12-20, 1973.	1973
* 140	Summary Industrial Development Branch Programs 1972-73.	°1972
* 141	Report of Kevin McVeigh on M.V. "Boston York" April 25 to May 22, 1973.	1973
* 142	Ten Years of Fisheries Development 1965-75.	1975
* 143	Fish Behaviour and Fishing Trawl Operation Underwater Videotaping and Measurements.	°1984
* 144	Canadian Fully Powered Rope Reels for Scottish Seining.	1984

NO.	TITLE	YEAR
* 145	The Energy File (Harvesting) A Report on the Canadian Fisheries Energy Conservation / Cost Reduction Workshop.	1986
146	An Atlantic Fisherman's Guide to Longlining Systems.	1984
147	Atlantic Fisheries Development 1984-85.	1985
148	1986 Catalogue of Training Courses Available to the Atlantic Fishing Industry.	1986
149	New Directions in Fisheries Technology.	1986
150	Atlantic Fisheries Development. Technology Transfer Workshop Grande-Rivière, P.Q. March 9-11, 1987.	1987
150A	Atlantic Fisheries Development: Technology Transfer.	1986
151	Atlantic Fisheries Development: Fish Silage Workshop Church Point, Nova Scotia June 17, 1987.	1987
* 152	Midwater Trawling in Canada.	1968
* 153	Communications Strategy for Technology Transfer Final Report	1984
* 154	Technical Workshop, Montreal, 26-28 February	*1973
* 157	National DFO/Energy R&D Task 1 (Conservation) Program 1985-87	*1986

NO.	TITLE	YEAR
<u>Gulf Region</u>		
* 200	Investigation into the Potential Benefits of Two Speed Gearboxes on Small Fishing Vessels. Project Report FDB/GR - 1984/86-01.	1984
* 201	Mechanized Rock Crab Machinery. Project Report FDB/GR-1984/86-02.	1984
* 202	A Procurement Study for Mackerel. Project Report FDB/GR-1984/86-03.	1984
* 203	A Quality Improvement Infrastructure Study of the Inshore Snow Crab Fishery in Snow Crab Areas 1 and 7 off the Gulf Shore of Cape Breton. Project Report FDB/GR-1985/86-04.	1985
* 204	Flounder Survey 1982-Ferole Point to Cape Bauld 1983-Cape Anguille to Point Riche Northwest Coast of Newfoundland. Project Report FDB/GR-1982,83/86-05.	1984
* 205	Exploration Crab Survey Bay of Islands to Ferolle Point Northwest Coast of Newfoundland. Project Report FDB/GR-1983/86-06 EF.	1984
* 206	Salmon By-Catch Survey. Project Report FDB/GR-1983/86-08 EF	1984
* 207	Marine Service Centers Study. Project Report FDB/GR-1983/86-09	1983
* 208	Longline Gear Demonstration. Project Report FDB/GR-1984,85/86 - 10 EF.	1985
* 209	The Evaluation of the Self-hauling Rope Reel Equipment. Project Report FDB/GR-1985/86-11.	1985
* 210	Lobster Trap Laths Spacing. Project Report FDB/GR-1984/86-14 EF	1984
* 211	Mechanical Washing System for the Grading of Oysters. Project Report FDB/GR-1984/86-17.	1985
* 212	To Achieve More Rational Use of the Herring Resource in the Gulf of St. Lawrence Region, by Emphasizing Market Demand and Resource Suitability. Project Report FDB/GR-1986/87-18	1986
* 213	Salmonid Aquaculture in Western Newfoundland. Project Report FDB/GR-1985/86 - 20.	1986
* 214	Prototype Groundfish Unloading System. Project Report FDB/GR-1982,83/86 - 21 EF.	1985

NO.	TITLE	YEAR
* 215	Rock Crab Studies.	°1987
* 218	Inshore Fish Handling.	1972
* 219	Offshore Ocean Clam Exploration.	1973
* 220	Annual Report 1973-74.	1974
* 221	Annual Report 1974-75.	1975
* 222	Report on the Design, Manufacture, Tests and Evaluation of a Simple Groundfish Handling System on a West Coast Dragger.	1982
* 223	Canadian Pair Seining, Pair Scottish Seining Project.	1969
<u>Canadian Fisheries</u>		
* 300	Proceedings Canadian Atlantic Offshore Fishing Vessel Conference. Montreal, February 7-9, 1966. Report No. 7.	1966
* 301	Proceedings Canadian Atlantic Herring Fishery Conference. Fredericton, New Brunswick, May 5-7, 1966. Report No. 8.	1966
* 302	Pollution and our Environment. Report No. 9.	1967
* 303	Proceedings Conference on Fish Protein Concentrate. Report No. 10.	1968
* 304	Plant Location and Plant Size in the Fish Processing Industry of Newfoundland. Report No. 11.	1969
* 305	Proceedings Conference on Fishing Vessel Construction Materials. Report No. 12.	1969
* 306	Proceedings Meeting on Atlantic Crab Fishery Development. Report No. 13.	°1969
* 307	Proceedings Conference on the Canadian Shrimp Fishery. Report No. 17.	°1971
* 308	Government Programs of Assistance for Fishing Craft Construction in Canada: An Economic Appraisal.	°1970

NO.	TITLE	YEAR
<u>Scotia-Fundy Region</u>		
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* 401	Energy Efficient 45-FT Cape Island Fishing Vessel, (1982/83) No. 51.	1983
* 402	Diesel Fuel Consumption Tests using Heated Fuel in a Diesel Engine (1983-84).	1983
* 403	Energy Conservation Study M.V. East Point I (1982-83). No.56	1983
* 404	Snap-on/Drum Longlining System for Halibut. No. 60.	1983
* 405	Japanese Tuna Longlining off Canada's East Coast. No. 63.	1984
* 406	Re-examination of an energy at Sea Monitoring System. No. 64	1984
* 407	Queen crab Workshop (1983) on Quality Enhancement. No. 72.	1984
* 408	Detection and Removal of Sealworms from Atlantic Groundfish. No. 74.	1984
* 409	Physical and Organoleptic Evaluation of Some Fish Samples with particular Attention to condensed Hydrocarbon Odour and Taste. No. 75.	1984
* 410	A Study of the Thermal Stability of PSP Toxin in Soft-Shell Clams. No. 76.	1985
411	Circle Hook Comparison Study. No. 78.	° ---
* 412	Technical Studies on Ice Quality and Workability. No. 80.	1984
* 413	Manufacture, Installation, and Testing of Fuel Sensor/Fuel Flow Display. No. 82.	1985
* 414	Development of a Microprocessor Based Fish Filleting Machine Control System. No. 83.	° ---
* 415	Fresh Fish Quality Enhancement Project. No. 84.	1985
* 416	Development and Testing of a Tape Applicator for Lobster Claw Immobilization. No. 87.	1985
* 417	Development of a Universal Torque Collar. No. 88.	1985
* 418	Feasibility Study - Ice Delivery Scheme North Sydney and Halifax Areas. No. 90.	1985

NO.	TITLE	YEAR
* 419	A Study of the Thermal Stability of PSP Toxin in Soft-shell Clams. No. 92.	1985
* 420	Onboard Fish Handling System for offshore Wetfish Trawler. No. 93.	1985
* 421	Ice Making, Storage and Distribution Systems Study. No. 95	1983
* 422	The Effect of Bulbous Bow Retrofits on the Resistance and Seakeeping of a 50 meter Freshfish Stern Trawler. No. 96.	1985
* 423	Investigation of Marine Coatings of Underwater Hulls of Fishing Vessels. No. 97.	1985
* 424	Evaluation and Infrastructure Survey of Fish Unloading Operations in the North Nova Area in Terms of Overall Quality Changes, Damage, Efficiencies and other Operational Factors No. 98.	1985
* 425	Study of a Segmented Nozzle for Fishing Vessels. No. 99.	1985
* 426	Vessel classification Study Volume I. No. 100.	1985
* 427	Evaluation of Sex-Sorter on Atlantic Herring. No. 105.	1985
* 428	Surimi Potential of Selected Atlantic Fish No. 111.	*1986
* 429	Charter of "Charlotte Louise II" for WHITE BARRACUDINA October 1-28, 1972.	1972
* 430	Shrimp Midwater Trawl Development 1976 Gulf of St. Lawrence.	1977
* 431	Stockfish (Dried Fish). Circular No. 76.	1981
* 432	Exploratory Lumpfish Fishing and Roe Processing, Nova Scotia (1980-82). Circular No. 77.	1983
* 433	Squid Jigging and Preservation. Circular No. 78.	1984
* 434	Evaluation of the Transvac Vacuum Fish Pump for the Unloading of Groundfish from Fishing Vessels.	*1985
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* 436	Energy and Fish Harvesting.	* ---
* 437	Technical Studies on Resource Utilization Atlantic Sea Cucumber	*1984
* 438	The Utilization of Scallop Rings and Roes.	*1971
* 439	Fish Hold Liner Options.	*1987
* 440	Project Review 1982-83	*1983
* 441	Project Review 1983-84	*1984

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<u>Western Region</u>		
* 600	The Commercial Development and Processing of a Cavair Product from Canadian Lake Whitefish.	°1983
* 601	Exploratory Fishing of Bowie Seamount by the Automated Longliner M/V "Viking Star" August 28 - September 12, 1980	°1981
<u>Pacific Region</u>		
* 700	Roe Herring Impoundment Research - Report on the 1981/82 Studies.	°1982
* 701	Pacific Hake-Merluccius Products - The Feasibility of on-shore Processing in British Columbia Canada.	° ---
<u>Other</u>		
* 500	A Report on the Feasibility of Expanding the Canadian Atlantic Fishing Information Service to the Newfoundland Ground Fisheries.	1973
* 501	Atlantic Snow Crab Fishery in 1980s. A Discussion Paper.	°1982
* 502	Development of a Continuous Reading Moisture Meter for Salt Fish.	°1988
* 503	New Crab Cooker, Performances Evaluation.	°1988

UNPUBLISHED REPORTS

Unpublished reports are written by students, observers and technicians on contract to Fisheries Development. These reports were written in the late sixties and early seventies, and contain information on Regional Fisheries Development Projects. Many of the unpublished reports were later published as National Reports, or Regional Reports. One copy of each report is filed alphabetically by author's surname for internal use.

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3. HARNUM Robert, A Report on the Northern Labrador Scallop Experiment
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4. SIMPSON S., The Processing of Queen Crab - Frozen and Canned.
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7. SNELGROVE Charles, Manuscript Report of Capelin Survey M.V. WESTERN KING
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16. SUNOHARA H. and SATO M, The Final Report of Crab and Shrimp Pot Fishing in 1969.
17. SUNOHARA Hiroshi, Diary of Crab Pot Fishing from May 22 to June 9
18. SCAPLEN Ronald, Report on M/V Golden Scarab.
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2. WAY Eric, Conversion of Akeo Trap.
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2. YOSHIKAWA Aeo, Experimental Operation of Japanese Cod Traps in Newfoundland, 1968.
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MISCELLANEOUS

The miscellaneous report section contains reports which were published by other Divisions of Fisheries and Habitat Management, or other Branches of Fisheries and Oceans. It also contains reports published by Provincial Department of Fisheries.

This report section is divided into six categories; Economics, Fisheries and Habitat Management, Inspection Services, Science, Provincial and Other. These reports are for internal staff use only, however copies may be obtained from the publishing agency.

VI. MISCELLANEOUS REPORTS

NO.	TITLE	YEAR
<u>Economics Branch</u>		
* 2	An Economic Assessment of the Groundfish Operations of the Newfoundland shrimp Fleet - 1976.	1977
* 3	An Economic Assessment of Crab Harvesting in the Northern Area of the East Coast of Newfoundland - 1976.	1978
* 4	Inventory of Financial Assistance Programs to the Fishing Industry.	1979
* 5	The Economic Performance of Fleets Engaged in the Gulf of St. Lawrence Shrimp Fisheries - 1979.	1980
* 6	An Economic Assessment of the Newfoundland Nearshore Fixed Gear Groundfish Fishery - 1979. (Vessels 35-65 ft LOA).	1981
* 7	An Economic Assessment of the Newfoundland Small Boat Groundfish Fishery (Vessels less than 35 ft LOA) - 1979.	1981
* 8	Returns to Labour and Capital in 1979 for Selected Fisheries (Vessels 35' - 65') Newfoundland. A Statistical Review.	1981
* 9	Industry in Transition: The Development and Application of Technology in the Fisheries Industry.	1986
* 13	Economic Analysis of the 1984 Resource Short Plant Program Newfoundland Region.	1986
* 14	Costs and Earnings of Selected Inshore and Nearshore Fishing in the Newfoundland Region. - 1985.	1986
* 15	Economic Indicators of Inshore and Nearshore Fishing Enterprises in the Newfoundland Region. 1981 - 1985.	1986
* 16	Transportation and Distribution Requirements of the Inshore Fishery on the Labrador Coast. Vol I & II	1982
* 17	An Economic Assessment of the 1982 At. Pierre Bank Scallop Fishery.	1984
* 18	An Economic Assessment of the Newfoundland Inshore Mobile Groundfish Fishery.	1979
* 19	An Economic Assessment of the Newfoundland Herring Fishery 1978	1979
* 20	An Economic Assessment of the 1983 Operations of the M.V. Glen Clova.	

NO.	TITLE	YEAR
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* 2	A Report on the Pelagic Fisheries Occurring in Newfoundland Waters in 1983.	1983
* 3	The Salmonoid Fisheries of Labrador in 1983.	1983
* 4	History of Management Newfoundland Crab Fishery.	1984
* 5	Report on the Newfoundland Component of the 1985 Northern Shrimp Fishery Observer Program. Newfoundland Region.	1985
* 6	Report on the 1985 Portuguese Fishery in Canadian Fisheries Waters Observer Program Newfoundland Region.	1985
* 7	Report on the 1986 German Democratic Republic (G.D.R.) Roundnose Grenadier Fishery. Observer Program Nfld Region.	1986
* 8	A Review of the Foreign Longliner Fishery in Area 2+3KL from 1983 to 1985.	1985
* 9	Future Management of the Herring Fisheries of the Newfoundland Region.	1984
* 10	Experimental Autumn Lobster Fishing Greenspond B.B. - Point Leamington N.D.B. 1983	1984
* 11	Resource Short Plant Program (RSPP).	1985
* 12	Report Crab By-Catch 1984. St. Anthony (RSPP)	1985
* 13	Record of Proceedings. Snow Crab Seminar Gander, Nfld. January 24 - 27.	1984
* 14	Report on the Nfld Region Component of the 1984 Northern Shrimp Fishery.	1984
* 15	Squid Drying, Quality Assurance and Related Operations.	1979
* 16	Surimi and Surimi Based Products: The Japanese Industry.	1984
* 17	Surimi and Surime Based Products: The North American Industry.	1984
* 18	The Atlantic Salmon Resource in NF & Lab: An Anglers View.	1980
* 19	Report on the 1986 2J+3KL EEC Fishery in Canadian Waters.	1986
* 20	A Review of the Foreign Longliner Fishery in Area 2+3KL from 1983 to 1985.	
* 21	An Economic Assessment of the Canadian Middle-distance Longliner Fishery in Area 2GH.	1986

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<u>Inspection Services Branch</u>		
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* 2	Atlantic Snow Crab Seminar: Quality Considerations.	
* 3	Fish Inspection Regulations Schedules A & B. - Handbook of Compliance - Registration of Fish Processing Establishments.	
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* 6	Materials Handling Systems to Increase Productivity of Inshore Fishery.	1975
* 7	Herring Impoundment and Pumping Operations. Factors Affecting	1982
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* 9	Investigation of Feasibility for Convenience Food Provisioning on Board C.G.S. "CYGNUS".	1977
* 10	Fish Processing Capability of Plants in the Atlantic Region.	
* 11	Effect of Method of Catching on the Sensory Quality of Inshore Nfld Caught Cod.	1983
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<u>Science Branch</u>		
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* 5	Food and Agricultural Organization of the United Nations	1972
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* 7	Fat and Water Content of Herring in Newfoundland and Adjacent Waters, 1966-71.	1973
* 8	Loss of Commercial Snow Crabs to Cod Gillnets in Newfoundland.	1973
* 9	Prospects of Capelin Development, Canada's East Coast.	1973
* 10	The Redfish Fishery of the Gulf of St. Lawrence. Biological Considerations - past, present, and Future.	1973
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NO.	TITLE	YEAR
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* 14	Toward A Policy for the Utilization of Northern Cod. A Discussion Paper.	1979
* 16	Northern Cod: A Fisheries Success Story.	1980
* 17	Salmon Resource Development in Newfoundland and Labrador.	1984
* 18	Publications of the Fisheries Research Branch, Northwest Atlantic Fisheries Centre, St. John's, Newfoundland 1931-1984.	1985
* 19	Resource Prospects for Canada's Atlantic Fisheries 1985-1990.	1985
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* 21	Shrimp Investigations Ungava Bay-Eastern Hudson Strait and Division 2G.	1980
* 22	Considerations for the Effective Management of Atlantic Scallops	1985
* 23	British Columbia Trawlers and Trawl Gear.	1967
* 24	Whelks on Snow Crab Fishing Grounds in the Southwestern Gulf of St. Lawrence.	1978
* 25	The Arctic Char Fishery of Northern Labrador.	1974
* 26	Lacustrine Nursery Areas for Atlantic Salmon in Insular NF.	1976
<u>Provincial</u>		
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* 2	Development of the Dogfish Fishery in Newfoundland during 1978	1979
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* 4	Lumpfish Roe Fishery Development in Newfoundland during 1979.	1980
* 5	Newfoundland Eel Fishery Development, 1979.	1980
* 6	Line Fishing Development Labrador Straits Area 1980.	1981
* 7	Preliminary Report on Groundfish Trawl Experiments 1979-81.	1982
* 8	Lumpfish Roe Fishery Development in Newfoundland during 1981.	1982
* 9	Food Relations and Short Term Aquaculture potential of the Green Sea Urchin (<i>Strongylocentrotus deocbachiensis</i>) Nfld.	1983

NO.	TITLE	YEAR
* 10	The Distribution of Iceland Scallops, Mussels, Clams & Cockles & Sea Urchins in St. Lewis Bay, Alexis Bay, St. Michaels Bay & Sandwich Bay Labrador.	1975
* 11	Preliminary Report on the Effect of Gillnet Haulers on fish Quality.	1983
* 12	Small Boat Hauling Systems.	1983
* 13	An Introduction of Lobsters to St. Michaels Bay, Labrador during 1982.	1984
* 14	Fishery Report. Average Cost Distribution.	1984
* 15	Marine Service Centres in Newfoundland.	1985
* 16	Otter Trawling in Bonavista Bay, Notre Dame Bay and Trinity Bay.	1975
* 17	Sonar Instruction for Fishermen.	1976
* 18	The Demonstration of the "Elektra" Icelandic Fishing Reel in three areas of Newfoundland.	1974
* 19	The Distribution of Giant Scallops, Clams, Sea Urchins and Seaweed in Bonavista Bay and Belle Bay, Fortune Bay, Nfld.	1975
* 20	Pair Trawling.	1979
* 23	Strength from the Sea: Nfld's Position on Northern Cod.	
* 24	Exploratory Fishing in Fortune & Placentia Bays using Bottom Trawl & Danish Seining.	1976
* 25	The Place of the Northern Cod in Nfld's Development.	1981
* 26	Exploratory Scallop Fishing Project Straits of Belle Isle-Bonne Bay, 1980.	1980
* 27	The Fishing Industry Today A Profile of the Nfld Fishery.	1986
* 28	Exploratory Gillnet Fishing for Turbot in Tooker Bank Area.	1975
* 29	Encircling Fishing Gear Technology Developments in Newfoundland.	1976
* 30	Effects of Mesh Sizes on Cod Trap Performance in Fogo Island and Renew's Area During 1978.	1979
* 31	Labrador Shellfish and Seaweed Survey.	1974
* 32	Exploratory Fishing for Snow Crab in Fortune Bay, Noretre Dame Bay and Southern Labrador during 1979.	1980
* 33	Introduction of Mechanized Longlining in Nfld, 1974.	1974

NO.	TITLE	YEAR
* 34	The Refit and Conversion of the 'Harmon' Vessels for Automated Longlining.	
* 35	The Development of Purse Seining in the Inshore Fishery of Nfld	1976
* 36	Quality Control Project Admiral's Beach, St. Mary's Bay.	1977
* 37	Shrimp Survey on the South Coast of Newfoundland.	1976
* 38	Report on the Operations of the Model 1976 Cod Trap during 1977	1977
* 39	A Survey of the Inshore Marine Resources of St. Lewis Bay, Alexis Bay, St. Michael's Bay and Sandwich Bay, Labrador with Particular Reference to Iceland Scallops, Mussels, Clams, Cockles, Sea Urchins and Seaweeds.	1975
* 40	A Survey of the Inshore Marine Resources of Bonavista Bay and Belle Bay, Fortune Bay Newfoundland with Particular Reference to Giant Scallops, Mussels, Clams, Sea Urchins and Seaweeds.	1975
* 41	The Development and Resource Base of the Scallop Fishery in Nfld	1982
* 42	Exploratory Fishing for Scallops in Selected Areas from Bonne Bay to Strait of Belle Isle during 1980.	1981
* 43	The Automatic Longline System.	1975
* 44	Otter Trawling Development on the Northeast Coast of NF during 1980.	1981
* 45	Exploratory Fishing for Snow Crab in NF waters during 1980-81	1982
<u>Other</u>		
* 1	Investigations on Oysters Planted at Broad Lake, Bellevue Trinity Bay.	1965
* 3	Productivity Studies in Fish Processing: Methods of Establishing Work Performance.	1974
* 4	Productivity Studies in Fish Processing: Queen Crab Leg Splitting Machine.	1974
* 5	Productivity Studies in Fish Processing: Effect of Working Height on Normal Output Rate and Yield of Filleting Cod.	1975
* 7	Structure, Behaviour and Performance of the Atlantic Groundfish Industry with Special Reference to the Quality Improvement Program.	1981
* 8	Sealer's Conference Baie Verte, Newfoundland. November 26-27/82	1982
* 10	A Study of Containerizing Inshore Fishing Vessels in Newfoundland using a Standard Container.	1982

NO.	TITLE	YEAR
* 11	Study of the Potential Socio-economic Effects on the Newfoundland Fishing Industry from Offshore Petroleum Development.	1982
* 12	Canadian Redfish for the Japanese Table. A Guide for Fishermen and Processors.	1984
* 13	Japan Fisheries Workshop in Canada 1984.	1984
* 14	Use of Technology to Lower Production Costs in the Fishing Industry.	1984
* 16	A Brief Report on Japanese Market for Capelin, Redfish, Turbot and Cod.	1985
* 20	Abstracts of Methods Used to Assess Fish Quality.	
* 22	The Marketing Implications of Extended Jurisdiction for the Canadian Fishing Industry.	1985
* 23	Supporting Documentation to IRDP Application for Assistance in Selling up a Manufacturing Company to Produce Longline Fishing Equipment.	1984
* 24	Inno-fish Manufacturing Limited. Design, Fabrication and Operation of a Laboratory Model Fluidized Bed Salt Dryer.	1985
* 25	Size Selective Feeding Behavior and Feeding Rates of the Starfish (<i>asterias vulgaris</i>) on Cultured Mussels (<i>mytilus edulis</i>).	1981
* 27	Effect of Reprocessing Inshore Trap-Caught Cod on Quality of Intact Fish and Fish Fillets and on Product Mix and Yields - Interim Report.	1985
* 28	A Study of the Japanese Fisheries Forecasting System.	
* 30	Resource Utilization of Atlantic Offshore Squid.	1979
* 31	Publishing Policy for Public Information Publications and Scientific and Technical Information and Publications	
* 32	Guide for Preparing Scientific and Technical Reports for The Department of Fisheries and Oceans.	1984
* 33	Mechanized Longline Fishery in the Coastal Fishing Fleet. Part I. Existing Baiting and Line Handling Systems.	1983
* 34	The use of Fluidization Technology to Obtain Light Salted and Dried Split Codfish.	1984
* 35	A Quantitative Survey of the American Eel in Newfoundland.	1973

NO.	TITLE	YEAR
* 36	Report on the Design and Construction of a Small Shallow Draft Fishing Vessel.	1971
* 37	A Coast Guard Study in Fishing Vessel Safety.	1987
* 38	Opportunities and Limitations for Harvesting and Processing Iceland Scallops	1985
* 39	Atlantic Fishing Licence Directory.	1985
* 40	The Composition and Operation of Inshore and Middle Distance Commercial Fishing Fleet from Burin Peninsula to Port aux Basques	1979
* 41	Western Area Annual Report.	1978
* 42	Assessment of the Inshore Fishery Potential in the Placentia Bay and St. Mary's Bay Area of Newfoundland.	1972

CO-OP STUDENT REPORTS

The co-op student report section contains analytical reports written by the students during their work terms at Fisheries Development. These reports are usually for internal use only, unless permission is granted for external circulation. In many cases, information in co-op reports is later published in Regional Project Reports.

VII. CO-OP STUDENT REPORTS

NO.	TITLE	YEAR
* 1	Increased Fish in Canada's Food Aid Program.	°1985
* 2	Analysis of the Potential for Seafood Bar Snacks in the St. John's Areas.	°1985
* 3	EDAMS A Data Management System for the Ener Sea Project.	°1985
* 4	Study and Analysis of the Retail Market for Sea Food Products in St. John's.	°1985
* 5	Ener Sea Individual vessel Testing Program for RPM, Speed and Fuel Consumption in Fishing Vessels.	°1985
* 6	A Client's Benefits Survey of Fisheries Development Branch Activities for Use in Program Evaluation.	°1986
* 7	Vessel Analysis Computing System (VACS) User Guide.	°1986
* 8	A Review and Analysis of 1985/86 Technology Development Projects	°1986
* 9	Machine Vision: An Overview of the Technology and its Possible Applications in the Fishing Industry.	°1986
* 10	Proposed Framework for Delivery of a Middle Distance Longline Fishery by Vessels Less Than 65 Feet Based on a Survey of Vessel Owners. A Discussion Paper.	°1986
* 11	EDAMS and VACS System Upgrading Expanding and Improving the Capabilities of the Ener Sea Project.	°1986
* 12	Vessel Analysis Computing System (VACS) Upgrading Throttle Simulator (TS.BAS), User and Maintenance Guide.	°1987
* 13	Analysis of Records Management and Inventory Control Systems for Fisheries Development Division.	°1987
* 14	Video Library Analysis November 1987.	°1987
* 15	Ener Sea Potential in Newfoundland Region.	°1987
* 16	Fuel Consumption Testing - One Part of the Ener Sea Program.	°1987
* 17	Factors affecting the life and performance of the propellor.	°1988
* 18	Evaluation of the Video Tape Library - Promotional Plan.	°1988
* 19	An Economic Assessment of the Canadian Middle-Distance Longliner Fishery in Area 2GH.	°1986

CONFIDENTIAL REPORTS

The confidential report section contains reports written by Fisheries Development Officers, or consultants for Fisheries Development Newfoundland Region. They contain information on sensitive issues, and are used for internal use only, not public distribution.

VIII. CONFIDENTIAL REPORTS

YEAR	TITLE
1967	
1.	Meeting to Further the Development of the Canadian Marine Plants Industry
1973	
1.	The Industrial Development Branch: A Management Overview.
2.	1973 Korean Mission: Korean National Fisheries Infrastructure.
1976	
1.	Plate Freezer Capacity and Utilization in the Newfoundland Frozen Fish Processing Industry.
1977	
1.	The Northern Cod (<i>Gadus Morhua</i>).
1980	
1.	Newfoundland Bait Service A Cost Recovery Alternative.
1982	
1.	Refrigerated Storage of Fish at Sea with Particular Reference to Thermal Insulation.
1984	
1.	Benefit/Cost Analysis Newfoundland Direct Sales Program.
2.	Report on the 1984 2J + 3KL FRG Cod Fishery Observer Program Newfoundland Region.
3.	Assessment of Existing Fish Processing Facilities at Makkovik, Labrador, with Recommendations for Improving their Economic Viability.
4.	1983 Dock Monitoring Project Report 1. Fishing Activity / Fish Handling Practices in Pacquet, Newfoundland. November 15, 1984.
5.	1983 Dock Monitoring Project Report 2. Ice Usage in Selected Newfoundland Fishing Ports.
6.	Impressions of the fishing Industry - March 1984.
7.	Comprehensive Community Fisheries Infrastructure Development Plan.

YEAR

TITLE

1985

1. 1983 Dock Monitoring Project Report 3. Unloading Techniques.
2. 1983 Dock Monitoring Project Report 4. An Examination of Bait and Wharf Ice Usage Catch Storage Location and Buyer Grading.
3. Trip Report Commercial Halibut Fishing M/V "Nautical Enterprise" May 30 - June 08, 1985.

1986

1. A Study of the Use of Cod, Cod By-Products and Crustacean By-Products for Surimi and Surimi Based Products.
2. Report on the 1986 2J + 3KL EEC Fishery in Canadian Waters Observer Program Newfoundland Region.
3. Underutilized Fisheries Resources in Atlantic Canada: A Discussion Paper.
4. A Long-term Utilization Strategy for Newfoundland Capelin Resources.
5. Potential for Increased Utilization and Marketing of Newfoundland Capelin Resources.

1987

1. Fisheries Development Program for Coastal Labrador Clint Benefit Survey of the Punch Bowl Service Complex - 1986.
2. An Inshore/Nearshore Fishing Vessel Design/Operations System - A Techno-Economic Planning Document.

PROPOSALS/PROGRAM PLANS

This section contains project proposals and program plans written by Fisheries Development Officers, or unsolicited proposals submitted to Development by consultants. These proposals are work plans for projects which have been completed by Fisheries Development. Proposals and program plans are not used for public distribution.

IX. PROPOSALS/PROGRAM PLANS

YEAR	TITLE
UNKNOWN	
1.	Gangbaiter Extension to Demonstration Project at Fogo Island Co-operative.
2.	Proposal to Investigate the Potential for Use of Retrofit Shelter Decks.
3.	Submission by Grove Telecommunications Ltd to the Department of Supply and Services for funding of a Prototype Fish Monitoring System.
4.	Development and Testing of an Individual Vessel Energy Efficiency Analysis System.
5.	Proposal for Salt Water Washdown Systems Newfoundland and Labrador.
6.	Specifications for Construction and Installation of Contrawl Mark II System in Board and Atlantic Class Trawler.
7.	Proposal for a Lobster Pound.
1975	
1.	Experimental Shrimp and Turbot Fishing Labrador.
1976	
1.	Exploratory Scallop Survey Northern Labrador.
2.	Program Plan for Exploratory Shrimp and Crab Fishing.
3.	Ghost Net Retrieval Project Notre Dame Bay.
1978	
1.	A Proposal to Introduce the Four-Panel Trawl to the Newfoundland Inshore Fishery.
1980	
1.	To Evaluate the Performance of Automated Onboard Longline Baiting Machines in Newfoundland. Technical and Managerial Proposal.
2.	To Evaluate the Performance of Automated Onboard Longline Baiting Machines in Newfoundland. Financial Proposal.
3.	To Assess a Design and Construct, Test and Evaluate a Prototype Onshore Automatic Baiting System. Financial Proposal.
4.	Program Plan for 1980 Offshore Crab Survey Northeast Coast Newfoundland and Labrador.

YEAR

TITLE

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5. Program Plan for 1980 Exploratory Scallop Fishing in the Northern Straits and Eastern Labrador Coastline.
 6. Program Plan for 1980 Single Vessel Bottom Trawling Experiment Northeast Coast Newfoundland and Eastern Labrador.

1981

1. Design and Testing of a Bobtailing Conveying and a Washing System on a Typical Longliner. Technical and Managerial.
2. Proposal Program Management Salt Water Washdown Systems Newfoundland and Labrador.
3. Technical and Managerial Proposal to Design Construct Test and Demonstrate a Prototype Containerization System for Small Open Inshore Boats.
4. Financial Proposal to Design and Construct, Test and Demonstrate a Prototype Trap Boat Containerization System.
5. Improving Product Quality: A Systems Approach to Fish Handling. Financial Proposal.
6. Improving Product Quality: A Systems Approach to Fish Handling. Technical and Managerial Proposal.
7. Proposal to Carry out Program Management Contract for Installation of Salt Water Washdown Systems throughout Newfoundland and Labrador.
8. Proposal to Provide Specifications for the Installation of Salt Water Washdown Systems throughout Newfoundland and Labrador.
9. Salt Water Washdown Systems Newfoundland and Labrador.
10. Proposal for an Investigation of the Scallop Resource on the Grand Banks of Newfoundland.
11. Program Plan for 1981 Crab Resource Survey. Eastern Newfoundland and Labrador.

1982

2. To Design Manufacture Test and Evaluate a Simple Groundfish Handling System on West Coast Draggers.
3. Development and Testing of an Individual Vessel Energy Efficiency Analysis System.
4. Pilot Project for the Production of Fishing Charts.
5. A Recommended Procedure for Discharge of Trawlers using Pen-type Holding.

YEAR**TITLE**

6. Prepare a Report on Three Heat Pump Drying Systems.
7. Program Plan for 1982 Crab Resource Survey Northern Grand Banks.
8. Program Plan Labrador Scallop Project.

1983

1. Proposal to Develop Techniques to Improve the Efficiency of Longline Fishing, using Comparative Fishing and Underwater Observation.
2. Proposal to Demonstrate Sail Assist for Newfoundland Inshore Fishing Vessels.
3. Full Operation Demonstration Trials with Gangbaiter in Fogo Island.
4. Assessments of Fishing Gear Performance and Related Fish Behavior.
5. A Draft Proposal to Build an Information Base on Atlantic Fishing Communities and Community Clusters.
6. Design and Construction of Two Prototype Fishing Vessels.
7. Gangbaiter Development "Proposal to the Department of Supply and Services for Source Development Fund Assistance".
8. Unsolicited Proposal for the Canadian Research and Development of a Unique Fish Processing Machines.
9. Offshore Crab Resource Survey Northern Newfoundland and Labrador.
10. 1983 Vessel Instrumentation Projects.

1984

1. Research Proposal. Surimi Technology for the Fishery Resource of Atlantic Canada.
2. Program Plan 1984 Offshore Crab Surveys East Coast Newfoundland and Labrador.

1985

1. To Develop an Efficient Containerization System for Small, Decked Fishing Vessels.
2. Program Plan Ener Sea Project.
3. Program Plan 1985 Commercial Redfish Project. East Coast Newfoundland.

1986

1. A Proposal to Prepare a Long-term Utilization Strategy for the Newfoundland Capeline Resource.