



Environment
Canada

Environnement
Canada

Directory of
Marine Scientists
in Canada

Ocean Industry 1977

Répertoire des experts
des sciences de la mer
au Canada

Industrie océanique 1977

0015850B
CANADA. FISHERIES AND
MARINE SERVICE
MISCELLANEOUS SPECIAL
PUBLICATION

DFO - Library / MPO - Bibliothèque



12038835

QL
b26
c314
No. 36
D



Canadian Committee
on Oceanography

Comité canadien
d'Océanographie

QL
626
C31A
No. 36
D

Directory of
Marine Scientists
in Canada

Ocean Industry 1977

Répertoire des experts
des sciences de la mer
au Canada

Industrie océanique 1977

prepared by:

Secretariat
Canadian Committee on Oceanography

préparé par:

le Secrétariat du
Comité canadien d'Océanographie

Published by



Fisheries and Environment
Canada

Fisheries and
Marine Service

Scientific Information
and Publications Branch

Publié par

Pêches et Environnement
Canada

Service des pêches
et de la mer

Direction de l'information
et des publications scientifiques
Ottawa K1A 0E6

© Minister of Supply and Services 1978
Ministre des Approvisionnements et Services Canada 1978

Ottawa

Cat. No. F54-31/36
ISBN 0-662-01615-7
ISSN 0701-7650

Graf-Tech Publication Services Ltd.
Contract No.: PKT7-3722

3

0015-850 B

Directory of
Marine Scientists
in Canada

Ocean Industry 1977

Répertoire des experts
des sciences de la mer
au Canada

Industrie océanique 1977

Canada

Fisheries & Marine Service

2

Correct citation for this publication:

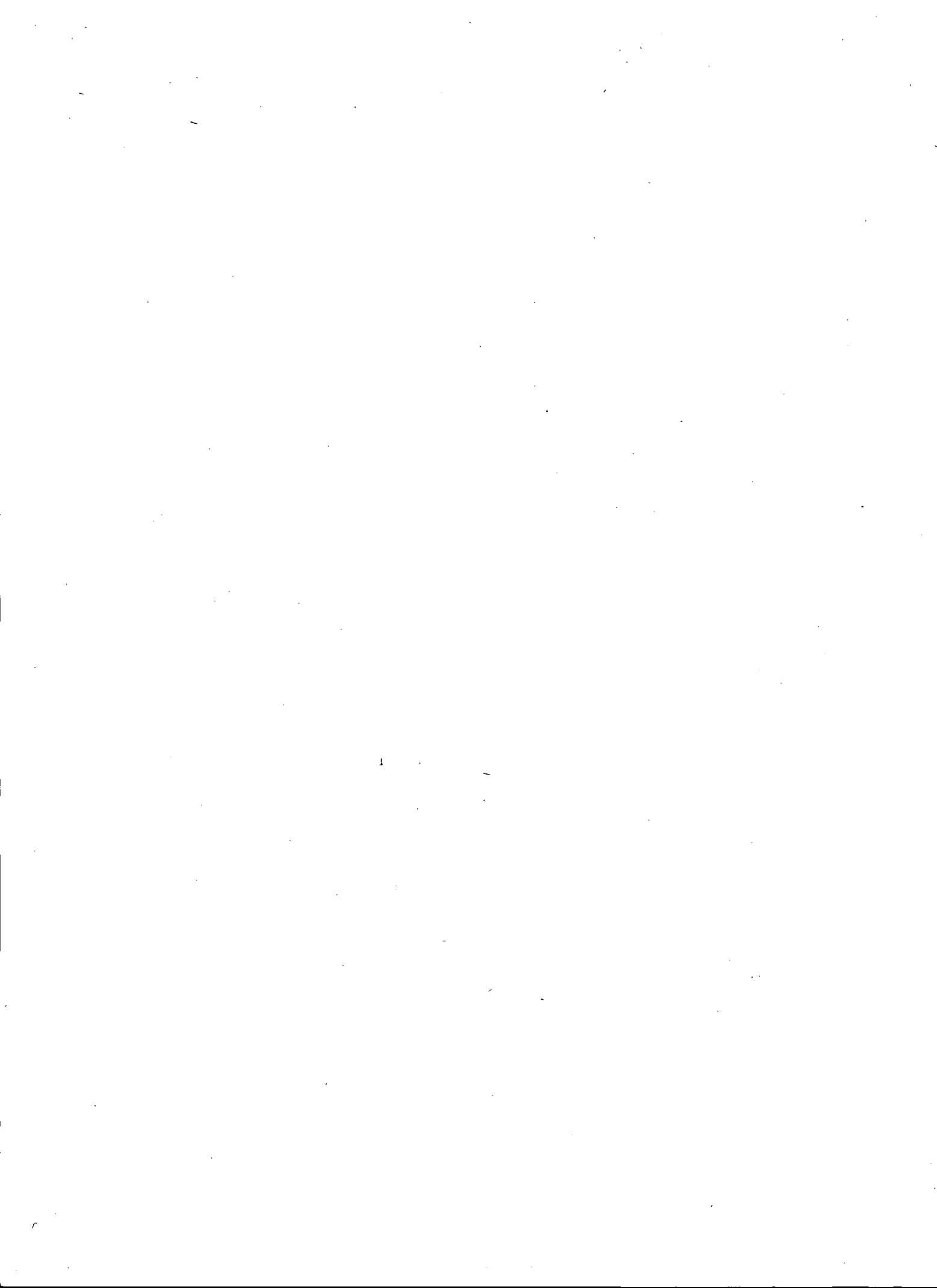
ANON. 1978. Directory of marine scientists in Canada – océan industry 1977/Répertoire des experts des sciences de la mer au Canada – industrie océanique 1977. Fish. Mar. Serv. Misc. Spec. Publ. 36: 70 p.

Table of Contents

	Introduction	vii
I	Firms	I
II	Firms and Associated Scientists	7
III	Scientists and their Specialities	29
IV	Subject Index	41

Table des matières

	Introduction	
	Firmes	I
	Firmes et des experts attachés	II
	Experts et leurs spécialités	III
	Index par sujet	IV



Introduction

The **Directory of Marine Scientists in Canada – Ocean Industry – 1977** is a follow-on to the **Directory of Marine Scientists in Canada – Universities and Government Agencies – 1976**. The scientists and engineers listed here are primarily engaged in research and development and consultation services; however others engaged in scientific services and management are also included.

The Directory is designed in four sections to facilitate user retrieval of desired information according to names, areas of specialization and firms. In Section I and Section II each firm is assigned a number which is subsequently used in Section III and Section IV to identify the work location of each scientist.

The four types of listings in the Directory has been generated by computing facilities of the Scientific Information and Publication Branch of the Fisheries and Marine Service of DFE. The basic information was provided by the ocean industries on request from the Canadian Committee on Oceanography. As a starting point the Canadian Committee on Oceanography used, primarily, a list of industries provided by the Science Centre of the Department of Supply and Services.

In future it is proposed to produce a single Directory of Marine Scientists and Engineers in Canada associated with government, university and industrial agencies.

The Secretariat
Canadian Committee on Oceanography

Introduction

Le **Répertoire des experts des sciences de la mer au Canada – Industrie Oceanique 1977** fait suite au **Répertoire des experts des sciences de la mer au Canada – Universités et organismes gouvernementaux 1976**. La recherche, le développement et les services consultatifs constituent les principaux intérêts des scientifiques et des ingénieurs inscrits au répertoire; cependant, on y trouve également le nom d'autres experts dont le champ d'activité s'étend à la gestion et aux services scientifiques.

Afin d'en faciliter la consultation, le répertoire comprend quatre sections indiquant le nom des firmes, celui des experts et leur spécialité. Les numéros des firmes qui apparaissent dans les sections I et II sont repris dans les sections III et IV afin d'identifier le lieu de travail de chaque expert.

Les quatre listes du répertoire ont été produites à l'aide d'ordinateurs par la Direction de l'information et des publications scientifiques du Service des pêches et de la mer du ministère des Pêches et de l'Environnement. Les renseignements de base ont été fournis par les industries océaniques à la demande du Comité canadien d'Océanographie. Comme point de départ, le Comité canadien d'Océanographie a utilisé principalement une liste d'industries et de firmes provenant du Centre des sciences du ministère des Approvisionnement et Services.

A l'avenir, on se propose de préparer un seul répertoire des experts des sciences de la mer au Canada comprenant ceux des universités, des organismes gouvernementaux et du secteur industriel.

Le Secrétariat
Comité canadien d'océanographie

Firms

Firmes

- 1 Aanderaa Instruments Ltd.
560 Alpha Street
Victoria, British Columbia
V8Z 1B2

Mrs. G. Gabel, Managing Director
- 2 Acres Consulting Services Limited
5259 Dorchester Road
Niagara Falls, Ontario
L2E 6W1

Mr. H. Rynard, President
- 3 Airphoto Analysis Associates Consultants Ltd.
366 Adelaide St. East
Toronto, Ontario
M5A 3W6

Mr. R. Tress, President
- 4 Aquatec Systems Limited
102-1644 West Broadway
Vancouver, British Columbia
V6J 1X6

Mr. P. R. Vroom, Director
- 5 Arctec Canada Limited
1440 St. Catherine Street West
Suite 328
Montreal, Quebec
H3G 1R8

Mr. R. Y. Edwards, Jr., President
- 6 Associated Engineering Services Ltd.
1661 West 8th Avenue
Vancouver, British Columbia
V6J 1V1

Mr. D. G. Maclean, Manager
- 7 Atlantic Analytical Services Limited
74 Catherwood Street
P.O. Box 3115, Station B
Saint John, New Brunswick
E2M 4X7

Mr. W. J. Wilson, President
- 8 Atlantic Bridge Co. Ltd.
83 Tannery Road
Lunenburg, Nova Scotia

Mr. D. A. Eisenhauer, President
- 9 Aviation Electric Limited
200 Laurentian Blvd.
Montreal, Quebec

Mr. E. Wall, President
- 10 Barringer Research Limited
304 Carlingview Drive
Rexdale, Ontario
M9W 5G2

Dr. A. R. Barringer, President
- 11 Beak Consultants Limited
3530 11A Street, N.E.
Calgary, Alberta
T2E 6M7

Mr. L. C. White, Manager
- 12 Beak Consultants Limited
1550 Albernie Street
Vancouver, British Columbia
V6G 1A5

Mr. R. E. McLaren, Vice-President, Western Operations
- 13 Beak Consultants Limited
6870 Goreway Drive
Mississauga, Ontario
L4V 1L9

Dr. K. Schiefer, Vice-President, Eastern Operations
- 14 Camarine Consulting Ltd.
4448 Ross Crescent
West Vancouver, British Columbia
V7W 1B2

Dr. W. M. Cameron, President
- 15 Canadian Benthic Ltd.
c/o Bamfield Marine Station
Bamfield, British Columbia

Mr. R. G. Saunders, President

- 16 Canadian British Consultants Limited
6100 Young Street
Halifax, Nova Scotia
B3K 5H4

Mr. J. R. D. Kaulbach, President
- 17 Canadian Engineering Surveys Co. Ltd.
8th Floor
10310 Jasper Avenue
Edmonton, Alberta
T5J 2W4

Mr. Wm. J. Iwaschuk, President
- 18 Can Dive Services Ltd.
7171 Dorbram Rd 22
Mississauga, Ontario

Mr. P. Nuytten, President
- 19 Case Existological Laboratories Ltd.
783 Cave Street
Victoria, British Columbia
V9A 5T6

Mr. J. N. Case, President
- 20 Cerigo and Associates
80 Richmond Street West
Toronto, Ontario
M5H 2C1

Dr. D. G. Cerigo, President
- 21 Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C.
V7J 2C1

Mr. B. W. Brown, President
- 22 Chemical Projects Limited
64 Racine Road
Rexdale, Ontario
M9W 2Z7

Dr. L. A. Pogorski, President
- 23 Davis, Eryou and Associates Ltd.
Consulting Engineers
1755 Woodward Drive
Ottawa, Ontario
K2C 0P9

Mr. W. R. Davis, President
- 24 Derek V. Ellis Ltd.
2240 Greenlands Road
Victoria, British Columbia
V8N 1T5

Dr. D. V. Ellis, President
- 25 Dilworth, Secord, Meagher and Associates Ltd.
4195 Dundas Street West
Toronto, Ontario
M8X 1Y4

Dr. I. J. Billington, Principal
- 26 Dobrocky Seatech Limited
130 Kingston Street
Victoria, British Columbia

Mr. J. J. Dobrocky, President
- 27 Dynamic Environmental Equipment Ltd.
31 Coal Harbour Wharf
566 Cardero Street
Vancouver, British Columbia
V6G 2W6

Mr. S. F. Sverre, President
- 28 Entech Environmental Consultants Ltd.
31 Coal Harbour Wharf
566 Cardero Street
Vancouver, British Columbia
V6G 2W6

Mr. S. F. Sverre, President
- 29 Envirocon Ltd.
1400-777 Hornby Street
Vancouver, British Columbia
V6Z 1S4

Mr. R. B. Buchanan, President
- 30 Environment Research Consultants Ltd.
708/100 Park Royal
West Vancouver, British Columbia
V7T 1A2

Mr. W. P. Harland, President
- 31 E.V.S. Consultants Ltd.
852 Derwent Way
Annacis Island
New Westminster, British Columbia
V3M 5R1

Dr. B. M. Ellis, President
- 32 Fenco Consultants Ltd.
301, 805-8th Avenue S.W.
Calgary, Alberta
T2P 1H7

Dr. H. R. Kivisild, Manager, Western Region (Vice-President)
- 33 F.F. Slaney and Company Limited
402 West Pender Street
Vancouver, British Columbia
V6B 1T9

Mr. F. F. Slaney, President

- 34 Fisheries and Marine Associates Ltd.
18 Markham Avenue
Ottawa, Ontario
K2G 3Y2

Mr. S. N. Tibbo, President
- 35 Leslie A. Foster
1110 Wellington Street
Halifax, Nova Scotia
B3H 2Z8
- 36 Gearmatic Company
7400-132nd Street
Surrey, British Columbia
V3T 4X4

Mr. M. Hucul, President
- 37 Geo-analysis Ltd.
Suite 216
1725 St. Laurent Blvd.
Ottawa, Ontario
K1G 3V4

Mr. M. A. Roed, President
- 38 Geocon (1975) Ltd.
Geocon Offshore
14 Haas Road
Rexdale, Ontario

Mr. R. B. German, Manager
- 39 Geomarine Associates Ltd.
P.O. Box 41
5112 Prince Street
Halifax, Nova Scotia
B3J 2L4

Mr. A. Ruffman, President
- 40 Catherine L. Grohe
104 Gordon Avenue
Chateaugay, Quebec
J6J 4G6
- 41 Walter A. Grundman
452 East 7th Street
North Vancouver, British Columbia
V7L 1R9
- 42 Gulf Oil Canada Ltd.
P.O. Box 130
Calgary, Alberta
T2P 2H7

Mr. W. A. Trickett, Manager, Frontier Research Division
- 43 Hum Ecological Commonwealth Ltd.
Ste 1-2436 W. 2nd Avenue
Vancouver, British Columbia
V6K 1J6

Dr. M. G. Howat, President
- 44 Huntec ('70) Limited
25 Howden Road
Scarborough, Ontario
M1R 5A6

Mr. R. W. Hutchins, President
- 45 IEC International Environmental Consultants Ltd.
5233 Dundas Street West, Suite 410
Toronto, Ontario
M9B 1A6

Mr. D. G. Langley, Vice-President
- 46 Imperial Oil Limited
Production Research Division
339 50th Avenue S.E.
Calgary, Alberta

Mr. D. J. McEachern, Manager
- 47 Innovative Ventures Ltd.
4632 11 St. N.E.
Calgary, Alberta
T2E 2W7

Dr. R. H. Goodman, President
- 48 Intera Environmental Consultants Ltd.
1200, 603-7th Avenue S.W.
Calgary, Alberta
T2P 2T5

Mr. B. L. Bullock, President
- 49 Interdisciplinary Systems Ltd.
528 St. James Street
Winnipeg, Manitoba
R3G 3J4

Mr. D. V. Doyle, General Manager
- 50 International Hydrodynamics Company Ltd.
P.O. Box 1059
Station "A"
Vancouver, British Columbia
V6C 2P1

Mr. R. B. Oldaker, President
- 51 Island Surveys Ltd.
375 Grafton Street East
P.O. Box 642
Charlottetown, Prince Edward Island
C1A 1H9

Mr. L. N. Flemming, President
- 52 J. R. Carmichael and Associates
204 3464 Hillside Avenue
Nanaimo, British Columbia
V9T 2Y8

Mr. J. R. Carmichael, Manager

- 53 Kenting Exploration Services Limited
524-11 Avenue S.W.
Calgary, Alberta
T2R 0C8

Dr. J. E. Wyder, Division Manager
- 54 Laboratoire d'hydraulique Lasalle
0250 rue Saint-Patrick
Lasalle, Québec
H8R 1R8

Monsieur René Hausser, Président
- 55 LGL Limited
Environmental Research Associates
44 Eglinton Avenue West
Toronto, Ontario
M4R 1A1

Dr. W. W. H. Hunn, President
- 56 Lockheed Petroleum Services Ltd.
610 Derwent Way
New Westminster, British Columbia
V3M 5P8

Mr. W. L. Weber, President
- 57 MacLaren Atlantic Limited
Consulting Engineers and Scientists
Suite 616, Cogswell Tower
2000 Barrington Street
Halifax, Nova Scotia

Dr. J. H. Allen, Manager
- 58 Marine Colloids Ltd.
P.O. Box 2610
Dartmouth East, Nova Scotia
B2W 3E0

Dr. I. C. Neish, Vice-President, Research and Development
- 59 Martec Limited
Garrison Place
1526 Dresden Row
Halifax, Nova Scotia
B3J 3E4

Dr. A. Y. McLean, President
- 60 MEP Ltd.
809 Sun Life Bldg.
Montreal, Quebec
H3B 2V6

Mr. R. de Chancenotte, Vice-President
- 61 Montreal Engineering Company Limited
Atlantic Division
1526 Dresden Row
P.O. Box 2470
Halifax, Nova Scotia
B3J 3E4

Mr. W. G. Tidmarsh, Branch Head
- 62 Northwater Resource Consultants Ltd.
2051 Stephens Street
Vancouver, British Columbia
V6K 3W2

Mr. J. A. Jemmett, President
- 63 Northway Survey Corporation Ltd.
1450 O'Connor Drive
Toronto, Ontario
M4B 2V2

Mr. W. A. Dymond, President
- 64 Ocean Technical Services Ltd.
317-964 Heywood Avenue
Victoria, British Columbia
V8V 2Y5

Mr. P. Scrimger, Director
- 65 Philip A. Lapp Ltd.
14A Hazelton Avenue
Toronto, Ontario
M5R 2E2

Mr. P. A. Lapp, President
- 66 Philips Electronics Ltd.
Scientific and Industrial Equipment Division
1001 Ellesmere Road
Scarborough, Ontario
M1P 2W7

Mr. R. Bechtel, Manager
- 67 Keith Philpott Consulting Engineer
P.O. Box 938
Thornhill, Ontario
L3T 4A5

Mr. K. L. Philpott, Principal
- 68 R. H. Loucks Oceanology Ltd.
24 Clayton Park Drive
Halifax, Nova Scotia
B3M 1L3

Dr. R. H. Loucks, President
- 69 Robertson Research (North America) Limited
501 Cleveland Crescent, S.E.
Calgary, Alberta
T2P 4R8

Dr. P. J. Rauwerda, Director

- 70 Seakem Oceanography Ltd.
560 Alpha Street
Victoria, British Columbia
V8Z 1B2

Mr. P. Erickson, President
- 71 Seiscan-Delta Limited
Suite 1650
Royal Bank Building
335-8th Avenue S.W.
Calgary, Alberta
T2J 4M9

Mr. F. P. Kronberger, Vice-President
- 72 Somer Inc.
1134 Ste-Catherine Street West
Montreal, Quebec
H3B 1H4

Dr. S. Y. Piotte, Manager
- 73 SPAR Aerospace Products Ltd.
825 Caledonia Road
Toronto, Ontario
M6B 3X8

Mr. C. M. Hinds, Director
- 74 Techwest Enterprises Ltd.
3650 Wesbrook Mall
Vancouver, British Columbia
V6S 2L2

Mr. R. E. W. Lake, Vice-President and General Manager
- 75 Terrain and Ice Interpretation
150 Liard Street
Box 526
Stittsville, Ontario
K0A 3G0
- 76 Terra Surveys/Geoterrex Ltd.
2060 Walkley Road
Ottawa, Ontario
K1G 3P5

Mr. A. Rattew, President
- 77 Thalassic Data Ltd.
3445 West 31st Avenue
Vancouver, British Columbia
V6S 1X6

Mr. T. M. McGee, President
- 78 Tri Ocean Engineering Ltd.
500-808-4th Ave. S.W.
Calgary, Alberta
T2P 0K4

Mr. K. J. MacGillivray, President
- 79 Undersea Research Limited
17 Foxbar Road
Toronto, Ontario
M4V 2G5

Mr. J. B. MacInnis, President
- 80 Western Canada Hydraulic Laboratories Ltd.
1186 Pipeline Road
Port Coquitlam, British Columbia

Mr. D. Hay, Managing Director
- 81 Whitman, Benn and Associates Limited
Suite 212
Duke Street Tower
Scotia Square
Halifax, Nova Scotia
B3J 1N9

Mr. P. M. Gillham, President

Firms and Associated Scientists

Firmes et des experts attachés

Name -- Nom	Speciality -- Spécialité	Activity -- Activité
1 Aanderaa Instruments Ltd. 560 Alpha Street Victoria, British Columbia V8Z 1B2 Mrs. G. Gabel, Managing Director		
Young, G. D., P.Eng.	Electronics	Design
2 Acres Consulting Services Limited 5259 Dorchester Road Niagara Falls, Ontario L2E 6W1 Mr. H. Rynard, President		
Tanner, R. G., M.Eng.	Marine Structural Projects	Consulting
3 Airphoto Analysis Associates Consultants Ltd. 366 Adelaide St. East Toronto, Ontario M5A 3W6 Mr. R. Tress, President		
Hunter, G. T., B.Sc., M.Sc., P.Eng.	Coastal Process and Structure	Consulting, Impact Assessment
Lawson, D., B.Sc., M.Sc., Ph.D.	Geology and Sedimentology	Consulting, Research and Development
4 Aquatec Systems Limited 102-1644 West Broadway Vancouver, British Columbia V6J 1X6 Mr. P. R. Vroom, Director		
Bethel, G., M.Sc.	Marine Pollution	Surveys
Coustalin, J.B., Dipl. Biol. (Fr)	Taxonomy, Marine Biology	Consulting
Hepburn, M. B., B.Sc.	Invertebrate, Biology	Surveys
Vroom, P. R., M.Sc.	Estuarine Ecology	Impact Assessment

Name – Nom	Speciality – Spécialité	Activity – Activité
5 Arctec Canada Limited 1440 St. Catherine Street West Suite 328 Montreal, Quebec H3G 1R8		
Mr. R. Y. Edwards, Jr., President		
Abdelnour, R., M.Sc.	Engineering	Research and Development
Allan, R., M.Sc.	Navigation	Consulting
Dunne, M., B.Sc.	Instrumentation	Testing
Edwards, R., Jr., M.Sc.	Navigation	Research and Development
Nadreau, J. -P., M.Sc.	Engineering	Research and Development
Nawwar, A., Ph.D.	Engineering	Research and Development
Purves, W. F., M.Sc.	Petroleum Pollution	Testing
Steele, M., B.Sc.	Navigation	Testing
6 Associated Engineering Services Ltd. 1661 West 8th Avenue Vancouver, British Columbia V6J 1V1		
Mr. D. G. Maclean, Manager		
Chang, P. Y. K., M.Sc.	Physical Oceanography, Data Processing, Time-Series Analysis, Modelling	Research and Development, Surveys, Consulting
Lawther, G. H.	Hydrography, Bathymetry, Surveys, Human Underwater Physiology	Surveys, Consulting
Maclean, D. G., M.Eng., P.Eng.	Nearshore Structures, Outfalls, Engineering	Consulting
McDonald, V. I., B.Sc.	Nearshore Structures, Outfalls	Consulting
Stewart, M. J., Ph.D., P.Eng.	Nearshore Processes and Structures, Surveys, Engineering, General Pollution	Surveys, Monitoring, Impact Assessment, Consulting
7 Atlantic Analytical Services Limited 74 Catherwood Street P.O. Box 3115, Station B Saint John, New Brunswick E2M 4X7		
Mr. W. J. Wilson, President		
Arsenault, Lorraine, B.Sc.	Pollution	Testing
Stone, Nancy, B.Sc.	Pollution	Testing

Name – Nom	Speciality – Spécialité	Activity – Activité
8 Atlantic Bridge Co. Ltd. 83 Tannery Road Lunenburg, Nova Scotia		
Mr. D. A. Eisenhower, President		
Dick, J., P.Eng.	Engineering, Food Processing	Research and Development, Manufacturing
Escher, G., P.Eng., M.Sc.	Mechanical Engineering	Research and Development, Manufacturing
9 Aviation Electric Limited 200 Laurentian Blvd. Montreal, Quebec		
Mr. E. Wall, President		
Petrov, D., ME., B.El. Eng.	Magnetism, Towed Bodies, Underwater Support for Divers	Monitoring, Design
10 Barringer Research Limited 304 Carlingview Drive Rexdale, Ontario M9W 5G2		
Dr. A. R. Barringer, President		
Davies, J. H., B.Sc.	Remote Sensing	Research and Development
Houston, W. R., M.Sc.	Petroleum Pollution	Research and Development
Leggatt, C. D.	Instrumentation	Surveys, Testing
Murray, A. D., M.Sc.	Microbiology	Research and Development
Silvester, M. D., Ph.D.	Chemical Oceanography, Environmental Quality	Research and Development, Testing
11 Beak Consultants Limited 3530 11A Street, N.E. Calgary, Alberta T2E 6M7		
Mr. L. C. White, Manager		
Stephen, W. J., Ph.D.	Geomorphology, Sedimentology	Impact Assessment, Consulting
12 Beak Consultants Limited 1550 Albernie Street Vancouver, British Columbia V6G 1A5		
Mr. R. E. McLaren, Vice-President, Western Operations		
Boston, N. E. J., Ph.D.	Physical Oceanography	Consulting
Jordan, A. J., Ph.D.	Biological Oceanography	Impact Assessment, Consulting
MacDonald, V. I., B.Sc.	Biology	Surveys
Mouratidis, H. C., Ph.D.	Physical Oceanography	Consulting

Name – Nom	Speciality – Spécialité	Activity – Activité
13 Beak Consultants Limited 6870 Goreway Drive Mississauga, Ontario L4V 1L9		
Dr. K. Schiefer, Vice-President, Eastern Operation		
Crippen, R. W., Ph.D.	Ecology, Taxonomy	Impact Assessment, Consulting
Fraser, R. T., B.Sc.	Applied Physics	Surveys, Consulting
Hodd, S. L., M.Eng.	Pollution	Impact Assessment
Robarts, R. D., Ph.D.	Phytoplankton, Productivity	Consulting
14 Camarine Consulting Ltd. 4448 Ross Crescent West Vancouver, British Columbia V7W 1B2		
Dr. W. M. Cameron, President		
Cameron, W. M., Ph.D.	Physical Oceanography, Arctic, Coastal	Consulting, Research and Development
15 Canadian Benthic Ltd. c/o Bamfield Marine Station Bamfield, British Columbia		
Mr. R. G. Saunders, President		
Lindsay, G. J., B.Sc.	Seaweed, Mariculture	Research and Development
Pakula, Z., B.Sc.	Invertebrates	Surveys
Saunders, R. G.	Seaweed, Mariculture	Research and Development
16 Canadian British Consultants Limited 6100 Young Street Halifax, Nova Scotia B3K 5H4		
Mr. J. R. D. Kaulbach, President		
Benneworth, N., B.Eng., M.Sc.	Data Processing, Modelling	Consulting
Thurlow, Wm. J.	Petroleum Pollution	Impact Assessment
Vladykov, V.D., Ph.D.	Biology and Fish Culture of American Eel, Taxonomy of Estuarial Fishes: Lampreys, Sturgeons, Salmonids	Consulting, Research and Development
17 Canadian Engineering Surveys Co. Ltd. 8th Floor 10310 Jasper Avenue Edmonton, Alberta T5J 2W4		
Mr. Wm. J. Iwaschuk, President		
Bishop, B. R., B.Sc. P.Eng. D.L.S.	Navigation, Bathymetry	Consulting, Surveys

Name – Nom	Speciality – Spécialité	Activity – Activité
18 Can Dive Services Ltd. 7171 Dorbram Rd 22 Mississauga, Ontario		
Mr. P. Nuytten, President		
Elsley, D. R., B.Sc., Eng.	Diving Management	Research and Development, Surveys
English, J., P.Eng.	Diving Management	Research and Development, Surveys
19 Case Existological Laboratories Ltd. 783 Cave Street Victoria, British Columbia V9A 5T6		
Mr. J. N. Case, President		
Campbell, D. S., P.Eng.	Electrical Engineering	Consulting
Case, J. N., P.Eng.	Ship Design	Consulting
Connors, F. M., P.Eng.	Hull Dynamics	Research and Development
Dawson, E. J., P.Eng.	Marine Engineering	Consulting
Farrell, K. P., P.Eng.	Ship Design	Consulting
Fernandez, A., P.Eng.	Civil Engineering	Consulting
Gibb, G., Sc. ME/SS	Inspection	Surveys
Hamilton, J. W., P.Eng.	Ship Design	Consulting
Heald, J. F., P.Eng.	Scientific Support Facilities	Consulting
Hebden, R. H., P.Eng.	Mechanical Engineering	Consulting
Kuchnow, K., Ph.D.	Biological Oceanography	Research and Development
Maddock, W., P.Eng.	Marine Engineering	Consulting
Plint, A. L., P.Eng.	Surveying	Surveys
Rasmussen, M., M.Sc.	Materials	Research and Development
Stockdale, W. K., P.Eng.	Scientific Support Facilities	Consulting
20 Cerigo and Associates 80 Richmond Street West Toronto, Ontario M5H 2C1		
Dr. D. G. Cerigo, President		
Cerigo, D. G., Ph.D., P.Eng.	Mineral and Petroleum Resources, Pollution, Engineering	Consulting
21 Chemex Labs Ltd. 212 Brooksbank Avenue North Vancouver, B.C. V7J 2C1		
Mr. B. W. Brown, President		
Grant, W., B.Sc.	Physical and Chemical Oceanography	Monitoring
LeGeyt, M., B.Sc., Ph.D.	Physical and Chemical Oceanography	Impact Assessment

Name – Nom	Speciality – Spécialité	Activity – Activité
Twaites, B. L., Dipl. Chem.	Physical and Chemical Oceanography	Monitoring, Impact Assessment
22 Chemical Projects Limited 64 Racine Road Rexdale, Ontario M9W 2Z7		
Dr. L. A. Pogorski, President		
Pogorski, L. A., Ph.D.	Geochemistry	Research and Development, Surveys, Exploration, Consulting
Quirt, S., Ph.D.	Geochemistry	Research and Development, Surveys, Exploration, Consulting
23 Davis, Eryou and Associates Ltd. Consulting Engineers 1755 Woodward Drive Ottawa, Ontario K2C 0P9		
Mr. W. R. Davis, President		
Croal, J. P., L/Cdr., C.D. R.C.N. (Ret'd)	Arctic Oceanography	Consulting, Exploration, Monitoring, Testing
Davis, W. R., M.Eng., P.Eng.	Data Acquisition Systems	Consulting
Eryou, N. D., Ph.D., P.Eng.	Instrumentation	Consulting
Isaacs, P. J., B.A.Sc.	Electronic Instrumentation	Design, Manufacturing
Patry, J. C., P.Eng., B.Eng.	Test Engineering	Design, Testing
24 Derek V. Ellis Ltd. 2240 Greenlands Road Victoria, British Columbia V8N 1T5		
Dr. D. V. Ellis, President		
Ellis, D. V., Ph.D.	Benthic Ecology, Taxonomy and Systematics, General Pollution	Research and Development, Consulting
25 Dilworth, Secord, Meagher and Associates Ltd. 4195 Dundas Street West Toronto, Ontario M8X 1Y4		
Dr. I. J. Billington, Principal		
Badura, J., M.A.Sc.	Engineering, Undersea Structures	Research and Development, Consulting
Knowles, D. W., B.A.Sc.	Engineering	Research and Development, Consulting
Stonehill, B. C., B.A.Sc.	Pollution, Radioactive Substances	Research and Development, Consulting
Tillson, L. J. P. T., B.A.Sc.	Instrumentation	Research and Development, Consulting

Name – Nom	Speciality – Spécialité	Activity – Activité
Tripp, B., M.A.Sc.	Engineering, Wave Energy	Research and Development, Consulting
26 Dobrocky Seatech Limited 130 Kingston Street Victoria, British Columbia Mr. J. J. Dobrocky, President		
Anderson, E. P., Ph.D.	Biological Oceanography	Consulting, Research and Development
Buckingham, W. R., M.Sc.	Physical Oceanography	Consulting, Research and Development
Webster, I. T., M.Sc.	Physical Oceanography	Consulting, Research and Development
27 Dynamic Environmental Equipment Ltd. 31 Coal Harbour Wharf 566 Cardero Street Vancouver, British Columbia V6G 2W6 Mr. S. F. Sverre, President		
Avis, R., M.Sc.	Physical Oceanography	Consulting, Research and Development
Sverre, S. F., M.Sc.	Pollution	Consulting
28 Entech Environmental Consultants Ltd. 31 Coal Harbour Wharf 566 Cardero Street Vancouver, British Columbia V6G 2W6 Mr. S. F. Sverre, President		
Armour, R., B.Sc.	Benthic Ecology	Surveys
Avis, R., M.Sc.	Physical Oceanography	Surveys, Monitoring
Biggs, W. G., M.Sc.	Estuarine Ecology	Surveys, Impact Assessment, Consulting
Kistritz, R. U., M.Sc.	Estuarine and Intertidal Ecology	Surveys, Impact Assessment, Consulting
Ricker, K. E., M.Sc.	Marine Geology	Consulting
Ricker, W. E., Ph.D.	Population Studies	Consulting, Research and Development
Sverre, S. F., M.Sc.	Artificial Culture and Mariculture, Biochemistry, Pollution	Consulting, Research and Development
29 Envirocon Ltd. 1400-777 Hornby Street Vancouver, British Columbia V6Z 1S4 Mr. R. B. Buchanan, President		
Jenkins, B. W., M.Sc.	Fish, Ecology	Consulting, Impact Assessment

Name – Nom	Speciality – Spécialité	Activity – Activité
Lister, D. B., B.Sc.	Fisheries Assessment and Management, Population Studies	Consulting, Impact Assessment
Low, C. J., Ph.D.	Benthic Ecology, Invertebrates, Taxonomy and Systematics	Consulting, Impact Assessment
30 Environment Research Consultants Ltd. 708/100 Park Royal West Vancouver, British Columbia V7T 1A2		
Mr. W. P. Harland, President		
Chantler, A., Ph.D.	Estuarine Flushing Processes	Surveys
Hay, D., M.Sc.	Coastal Hydraulic Studies	Consulting
MacLaren, W. A., M.Sc.	Coastal Tides and Currents	Consulting
Tambouri, A., Ph.D.	Sedimentation	Consulting
Vroom, P. R., M.Sc.	Environmental Quality	Impact Assessment
31 E.V.S. Consultants Ltd. 852 Derwent Way Annacis Island New Westminster, British Columbia V3M 5R1		
Dr. B. M. Ellis, President		
Apostoli, P., P.Eng.	Pollution Control	Consulting
Ellis, B. M., Ph.D., P.Eng.	Waste Water Process Engineering	Research and Development, Consulting
Hoos, L. M., M.Sc.	Invertebrate Zoology	Impact Assessment
Janssen, R. G., M.Sc.	Fish Physiology	Research and Development, Testing
Marliave, J. B., Ph.D.	Marine Fisheries Ecology	Research and Development, Surveys
Vigers, G. A., Ph.D.	Biochemistry, Aquatic Toxicology	Research and Development, Impact Assessment
32 Fenco Consultants Ltd. 301, 805-8th Avenue S.W. Calgary, Alberta T2P 1H7		
Dr. H. R. Kivisild, Manager, Western Region (Vice-President)		
Davidson, L. W., M.Sc.	Physical Oceanography	Surveys
Kivisild, H.R., D.Eng.	Arctic Offshore Engineering	Consulting
Masterson, D. M., Ph.D.	Ice Mechanics	Research and Development
Penel, J., M.Sc.	Arctic Fluid Mechanics	Consulting

Name – Nom	Speciality – Spécialité	Activity – Activité
33 F.F. Slaney and Company Limited 402 West Pender Street Vancouver, British Columbia V6B 1T9 Mr. F. F. Slaney, President		
Bradley, G. M., B.Sc.	Arctic Biology, Fish	Consulting, Impact Assessment
Cambers, G., Ph.D.	Circulation, Coastal, Tides and Surges, Waves	Consulting, Impact Assessment
Duval, W. S., Ph.D.	Physiology, Phytoplankton, Productivity, Zooplankton	Consulting, Impact Assessment
Fraker, M. A., M.A.	Arctic Biology, Mammals	Consulting, Impact Assessment
Gordon, C. D., Ph.D.	Arctic Biology, Ecology, Estuarine and Intertidal Ecology, Fisheries Assessment and Management	Consulting, Impact Assessment
Jandali, T., Ph.D., P.Eng.	Engineering, Meteorology, Fluid Dynamics	Consulting, Impact Assessment
Martin, Linda C., B.Sc.	Arctic Biology, Estuarine and Intertidal Ecology, Arctic Oceanography	Consulting, Impact Assessment
McDonald, J. W., M.Sc.	Arctic Oceanography, Coastal, Synoptic and Descriptive	Consulting, Impact Assessment
Olmsted, W. R., B.Sc.	Arctic Biology, Benthic Ecology, Microbiology, Population Studies	Consulting, Impact Assessment
Poulin, V. A., B.Sc.	Arctic Biology, Fish	Consulting, Impact Assessment
34 Fisheries and Marine Associates Ltd. 18 Markham Avenue Ottawa, Ontario K2G 3Y2 Mr. S. N. Tibbo, President		
Tibbo, S. N., M.A.	Fisheries Assessment and Management	Consulting
35 Leslie A. Foster 1110 Wellington Street Halifax, Nova Scotia B3H 2Z8		
Foster, L. A., M.Sc.	Physical Oceanography	Consulting, Surveys
36 Gearmatic Company 7400-132nd Street Surrey, British Columbia V3T 4X4 Mr. M. Hucul, President		
Christison, S. G., P.Eng.	Fishing Gear	Research and Development

Name – Nom	Speciality – Spécialité	Activity – Activité
37 Geo-analysis Ltd. Suite 216 1725 St. Laurent Blvd. Ottawa, Ontario K1G 3V4		
Mr. M. A. Roed, President		
Drysedale, Janet, B.Sc.	Surficial Geology, Hydrogeology	Consulting
Gelinas, P., Ph.D., Eng.	Geotechnical Engineering	Consulting
Hallett, D., B.Sc.	Civil Engineering, Engineering Geology	Consulting
Ménard, G., B.Sc.	Surficial Geology, Hydrogeology	Consulting
Morse, D. E., B.A.	Environmental Planning	Consulting
Rampton, V. K.	Permafrost, Shoreline Mapping	Consulting
Roed, M.A., Ph.D., P.Eng.	Bedrock Mapping, Sedimentation, Geomorphology	Consulting
Spence, J., Ph.D.	Ecology	Consulting
Stiebel, W., M.Sc.	Hydrogeology and Water Quality	Consulting
38 Geocon (1975) Ltd. Geocon Offshore 14 Haas Road Rexdale, Ontario		
Mr. R. B. German, Manager		
Baird, D. E., B.Sc.	Geology, Geotechnique	Exploration
Brzezinski, L. S., M.Sc., P.Eng.	Geotechnique, Arctic Engineering	Consulting, Research and Development
German, R. B., B.Sc., P.Eng.	Geotechnique, Arctic Engineering, Ocean Mining	Exploration, Consulting, Research and Development
Matich, M. A. J., M.Sc., P.Eng.	Geotechnique, Arctic Engineering, Coastal	Consulting, Research and Development
Nowak, R. L., Ph.D., P.Eng.	Geophysics, Geotechnique	Consulting, Research and Development
39 Geomarine Associates Ltd. P.O. Box 41 5112 Prince Street Halifax, Nova Scotia B3J 2L4		
Mr. A. Ruffman, President		
d'Apollonia, S., B.Sc.	Data Handling	Surveys
Long, M. J. J., M. Geol.	Geology, Bathymetry	Consulting, Research and Development
Meagher, L. J., B.Sc.	Geology, Bathymetry, Surveys	Consulting, Surveys
Munro, G. H., B.Sc., M.B.A.	Marine Geology, Geophysics	Exploration

Name – Nom	Speciality – Spécialité	Activity – Activité
Ruffman, A., M.Sc.	Geology, Geophysics, Bathymetry	Consulting, Research and Development
Stewart, J. McG., M.Sc.	Geology, Sedimentology, Coastal and Nearshore Processes and Structures	Consulting, Exploration
40 Catherine L. Grohe 104 Gordon Avenue Chateauguay, Quebec J6J 4G6		
Grohe, Catherine L., B.Sc.	Arctic Zooplankton, Taxonomy	Consulting
41 Walter A. Grundman 452 East 7th Street North Vancouver, British Columbia V7L 1R9		
Grundman, W. A., B.Sc., P.Eng.	Fluid Dynamics, Towed Systems, Desalination Equipment	Consulting, Manufacturing, Research and Development
42 Gulf Oil Canada Ltd. P.O. Box 130 Calgary, Alberta T2P 2H7		
Mr. W. A. Trickett, Manager, Frontier Research Division		
Ehrenreich, S., B.Sc., P.Eng.	Arctic Offshore Engineering	Research and Development
Haider, S., M.Sc.	Arctic Geotechnical Engineering	Surveys
Hnatiuk, J., B.Eng., P.Eng.	Arctic Environmental Research	Project Management
Trickett, W., B.Sc., B.Eng., P.Eng.	Arctic Research Development	Project Management
Wasilewski, B., B.Eng., P.Eng.	Arctic Offshore Engineering	Research and Development
Wright, B., M.Sc.	Arctic Oceanography, Sea Ice	Surveys
43 Hum Ecological Commonwealth Ltd. Ste 1-2436 W. 2nd Avenue Vancouver, British Columbia V6K 1J6		
Dr. M. G. Howat, President		
Milne, D. J., Ph.D.	Environmental Marine Physiology	Research, Consulting
44 Huntec ('70) Limited 25 Howden Road Scarborough, Ontario M1R 5A6		
Mr. R. W. Hutchins, President		
Hosie, A., M.Sc.	Instrumentation	Research and Development
Hutchins, R. W., B.Sc.	Acoustics	Research and Development
Lewis, J. F., M.Sc.	Geophysics	Surveys
Simpkin, P. G., Ph.D.	Data Processing, Acoustics	Research and Development

Name – Nom	Speciality – Spécialité	Activity – Activité
45 IEC International Environmental Consultants Ltd. 5233 Dundas Street West, Suite 410 Toronto, Ontario M9B 1A6		
Mr. D. G. Langley, Vice-President		
Beak, T. W., B.Sc.	Invertebrates	Consulting
Dalrymple, R., M.Sc.	Modelling	Consulting
Fanning, M. L., B.Sc.	Fish	Surveys
Griffing, T. C., Ph.D.	Ecology	Impact Assessment
Jones, D. J., Ph.D.	Benthic Ecology	Monitoring
Langley, D. G., B.Sc.	Heavy Metals	Consulting
Mallen, D. O., B.Sc.	Engineering Techniques	Consulting
Murphy, K. L., Ph.D.	Modelling	Consulting
Timpany, P. L., M.Sc.	Engineering Techniques	Consulting
Tyler, M. A., B.Sc.	Engineering Techniques	Consulting
46 Imperial Oil Limited Production Research Division 339 50th Avenue S.E. Calgary, Alberta		
Mr. D. J. McEachern, Manager		
Croasdale, K. R., B.Sc. Eng.	Sea Ice, Ice Mechanics, Ice Forces	Research
Graham, B. W., M.Sc.	Offshore Structures	Research
Kry, P. R., Ph.D.	Ice Mechanics, Ice Forces	Research
Marion, T. L., Ph.D.	Deep Sea Engineering	Research
Metge, M., M.Sc.	Ice Mechanics	Research
Rosenegger, L. W., M.Sc.	Ice Mechanics, Arctic Pollution	Research
Sangster, R. H. B., B.Sc.	Arctic Geoscience	Research
Semeniuk, A., Ph.D.	Ice Forces	Research
Spedding, L. G., H.N.C.	Movement of Sea Ice	Research
Stevens, G. S., Ph.D.	Sea Ice, Ice Forces	Research
Strilchuk, A., Ph.D.	Ice Instrumentation	Research
Trofimenkoff, P. N., Ph.D.	Sea Ice, Arctic Pollution	Research
Verily, P. H., B.Sc.	Arctic Oceanography	Research
Wilson, S. E. G., B.Sc.	Oceanography	Research

Name – Nom	Speciality – Spécialité	Activity – Activité
47 Innovative Ventures Ltd. 4632 11 St. N.E. Calgary, Alberta T2E 2W7 Dr. R. H. Goodman, President	Waves	Consulting
48 Intera Environmental Consultants Ltd. 1200, 603-7th Avenue S.W. Calgary, Alberta T2P 2T5 Mr. B. L. Bullock, President		
Davison, D. S., Ph.D.	Meteorology, Air-Sea Interaction	Consulting, Research and Development
49 Interdisciplinary Systems Ltd. 528 St. James Street Winnipeg, Manitoba R3G 3J4 Mr. D. V. Doyle, General Manager		
Adam, K. M., Ph.D., P.Eng.	Engineering Groundwater Waves	Consulting, Impact Assessment
Dickson, I. W., Ph.D.	Fisheries Management and Development, International Aspects, Environmental Studies	Consulting, Impact Assessment
Hayden, W., M.Sc.	Fisheries Management and Development, Environmental Studies	Consulting, Impact Assessment, Monitoring, Surveys
How, G. T. S., M.Sc., P.Eng.	Geosciences, Arctic	Consulting, Impact Assessment
Hurwitz, L. E., M.Sc., P.Eng.	Geosciences, Arctic	Consulting, Impact Assessment
Permut, A. H., M.Sc., P.Eng.	Engineering, General Pollution	Consulting, Impact Assessment
50 International Hydrodynamics Company Ltd. P.O. Box 1059 Station "A" Vancouver, British Columbia V6C 2P1 Mr. R. B. Oldaker, President		
Huntington, D. R.	Submersibles	Design
Larson, B. T.	Submersibles	Design
McBeth, J. B., M.Sc. P.Eng.	Submersibles	Design
Schalke, B. A., B.Sc., P.Eng.	Submersibles	Design
Thornton, M. L., B.Sc., P.Eng.	Submersibles	Quality Control
Trice, A. R.	Submersibles	Design

Name – Nom	Speciality – Spécialité	Activity – Activité
Witney, J. W., P.Eng.	Submersibles	Design
51 Island Surveys Ltd. 375 Grafton Street East P.O. Box 642 Charlottetown, Prince Edward Island C1A 1H9 Mr. L. N. Flemming, President		
Flemming, L. N., B.Sc.	Hydrographic Surveys, Engineering	Surveys
Tait, R.	Hydrographic Surveys	Surveys
Wright, A.	Hydrographic Surveys	Surveys
52 J. R. Carmichael and Associates 204 3464 Hillside Avenue Nanaimo, British Columbia V9T 2Y8 Mr. J. R. Carmichael, Manager		
Carmichael, J. R., B.Sc.	Habitat Assessment, Salmon Biology	Impact Assessment
Sheridan, A. L., B.Sc.	Fish Diseases, Invertebrate Populations	Surveys
53 Kenting Exploration Services Limited 524-11 Avenue S.W. Calgary, Alberta T2R 0C8 Dr. J. E. Wyder, Division Manager		
Danyluk, D. M., B.Sc.	Geophysics	Surveys
Dundas, T. R. B., M.Sc. P.Geoph.	Geophysics	Surveys
Fellows, J. D.	Geophysics	Surveys
Van Wyck, D., B.Sc.	Geophysics	Surveys
54 Laboratoire d'hydraulique Lasalle 0250 rue Saint-Patrick Lasalle, Québec H8R 1R8 Monsieur René Hausser, Président		
Alam, S., ing.	Processus côtiers, Glace de Mer, Pollution thermique, Modèles	Conseil
Boivin, R., ing.	Marées et Houle, Sédimentologie, Processus côtiers, Estuaires, Intrusion saline, Modèles	Conseil
Boulangier, F., ing.	Pollution estuarine, Marées et Houle, Navigation, Modèles	Conseil
Hausser, R., ing.	Structures et Processus des Régions côtières et littorales, Sédimentologie, Glace de Mer, Modèles	Conseil

Name – Nom	Speciality – Spécialité	Activity – Activité
Parkinson, F. E., ing.	Navigation, Processus côtiers, Pollution estuarine	Conseil
55 LGL Limited Environmental Research Associates 44 Eglinton Avenue West Toronto, Ontario M4R 1A1		
Dr. W. W. H. Hunn, President		
Aziz, V., B.Sc.	Zooplankton, Taxonomy	Monitoring, Surveys
Bain, H., M.Sc.	Fish	Surveys, Impact Assessment
Buchanan, R., M.Sc.	Crustaceans, Taxonomy	Monitoring, Impact Assessment
Cross, W., B.Sc.	Zooplankton, Taxonomy	Monitoring
Foy, M., B.Sc.	Phytoplankton, Taxonomy	Monitoring, Surveys
Griffiths, W., M.Sc.	Anadromous Fish	Surveys, Impact Assessment
Sekerak, A. D., Ph.D.	Fish	Surveys, Impact Assessment
Stallard, H., M.Sc.	Zooplankton, Taxonomy	Monitoring
Thomson, D., M.Sc.	Benthic Invertebrates, Taxonomy	Monitoring, Impact Assessment
56 Lockheed Petroleum Services Ltd. 610 Derwent Way New Westminster, British Columbia V3M 5P8		
Mr. W. L. Weber, President		
Ashley, S. C., B.Sc.	Engineering	Research and Development
Beran, W. T., B.Sc.	Engineering	Research and Development
Crippa, R. A., B.Sc.	Engineering	Research and Development
Czerwinski, F. H., B.Sc.	Engineering	Research and Development
DeJong, J., Ph.D.	Engineering	Research and Development
Dempsey, G., B.Sc.	Engineering	Research and Development
Feller, M. D., B.A.Sc.	Engineering	Research and Development
Fischer, K. E., B.Sc.	Engineering	Research and Development
Fletcher, N.J., M.A.Sc.	Engineering	Research and Development
Gibb, P. R., H.N.C.	Engineering	Research and Development
Houghton, F., B.Sc.	Engineering	Research and Development
Hutchinson, J. R., H.N.C.	Engineering	Research and Development
Jutras, R. A., rmc	Engineering	Research and Development
King, J. E., H.N.C.	Engineering	Research and Development
Lo, K. K., B.Sc.	Engineering	Research and Development
Ostick, C., H.N.C.	Engineering	Research and Development
Topf, U. A., M.A.Sc.	Engineering	Research and Development

Name – Nom	Speciality – Spécialité	Activity – Activité
Walker, W. W., B.Sc. 57 MacLaren Atlantic Limited Consulting Engineers and Scientists Suite 616, Cogswell Tower 2000 Barrington Street Halifax, Nova Scotia Dr. J. H. Allen, Manager	Engineering	Research and Development
Allen, J. H., Ph.D., P.Eng.	Ocean Engineering, Mariculture	Research and Development, Design
Conover, Shirley, A. M., Ph.D.	Biological Oceanography, Algae, Mariculture	Research and Development, Surveys
Hay, D. E., Ph.D.	Fisheries Biology, Ecology	Research and Development, Impact Assessment
Holden, B. J., M.A., M.Eng.	Physical Oceanography, Currents	Research and Development, Data Processing
MacKnight, S. D., Ph.D.	Geochemistry, Sediment-water Interaction	Research and Development, Impact Assessment
Myers, R. M., M.Sc., P.Eng.	Coastal Protection, Sediment Transport	Research and Development, Design
Underwood, P., M.Sc.	Phytoplankton, Marine Ecology	Research and Development, Surveys
Windeyer, T., B.A.	Instrumentation	Surveys
58 Marine Colloids, Ltd. P.O. Box 2610 Dartmouth East, Nova Scotia B2W 3E0 Dr. I. C. Neish, Vice-President, Research and Development		
Deveau, C., B.A.	Aquaculture	Research and Development
Enright, Catherine T., M.Sc.	Marine Biology	Research and Development
Knutson, L.B., B.Sc.	Polysaccharide Biochemistry	Research and Development
Neish, I. C., Ph.D.	Aquatic Systems	Research and Development
Siletti, C. F., P.Eng.	Aquaculture Engineering	Research and Development
59 Martec Limited Garrison Place 1526 Dresden Row Halifax, Nova Scotia B3J 3E4 Dr. A. Y. McLean, President		
Coolen, M. E., B.Eng.	Ocean Engineering, Currents, Data Processing	Consulting, Design
Jamieson, G. S., Ph.D.	Crustaceans, Artificial Culture and Mariculture, Benthic Ecology	Research and Development, Monitoring, Impact Assessment
MacGregor, C. D. R., M.Eng.	Chemical Oceanography	Surveys, Impact Assessment

Name – Nom	Speciality – Spécialité	Activity – Activité
McLean, A. Y., Ph.D.	Engineering, Environmental Quality	Impact Assessment, Project Management
Sharp, G.J., Ph.D.	Algae, Artificial Culture and Mariculture, Population Studies	Research and Development, Monitoring, Surveys
Warner, J. L., Ph.D.	Ocean Engineering, Waves, Tides and Surges, Circulation	Consulting, Design
60 MEP Ltd. 809 Sun Life Bldg. Montreal, Quebec H3B 2V6		
Mr. R. de Chancenotte, Vice-President		
Buxton, E. B.	Meteorology	Consulting
de Chancenotte, R.	Meteorology	Consulting
Leech, M. E., M.Sc.	Meteorology	Consulting
61 Montreal Engineering Company Limited Atlantic Division 1526 Dresden Row P.O. Box 2470 Halifax, Nova Scotia B3J 3E4		
Mr. W. G. Tidmarsh, Branch Head		
Canning, R. P., P.Eng.	Marine Pollution	Impact Assessment, Surveys Monitoring
Collins, N. H., B.Sc.	Fisheries	Impact Assessment, Surveys, Monitoring
Gillis, G. F., M.Sc.	Benthic Ecology	Impact Assessment, Surveys, Monitoring
Kristmanson, D. D., Ph.D.	Descriptive Oceanography	Consulting
McGonigal, D. W., B.Eng.	Descriptive Oceanography	Impact Assessment, Surveys, Monitoring
Tidmarsh, W.G., M.Sc.	Biological Oceanography	Impact Assessment, Surveys, Monitoring
62 Northwater Resource Consultants Ltd. 2051 Stephens Street Vancouver, British Columbia V6K 3W2		
Mr. J. A. Jemmett, President		
Jemmett, J. A., B.Sc.	Aquatic Biology, Fisheries Assessment and Management	Consulting, Impact Assessment, Research and Development
63 Northway Survey Corporation Ltd. 1450 O'Connor Drive Toronto, Ontario M4B 2V2		
Mr. W. A. Dymond, President		
Bhattacharya, P. J., Ph.D. P.Eng.	Data Processing	Consulting, Surveys

Name – Nom	Speciality – Spécialité	Activity – Activité
64 Ocean Technical Services Ltd. 317-964 Heywood Avenue Victoria, British Columbia V8V 2Y5 Mr. P. Scrimger, Director	Hydrography, Physical Oceanography	Surveys
Lock, D. F., B.Sc.	Acoustics	Consulting
Scrimger, J. A., Ph.D.	Hydrography, Physical Oceanography, Computer Applications	Surveys, Research and Development
Scrimger, P., B.Sc., M.Sc.	Instrumentation	Research and Development
65 Philip A. Lapp Ltd. 14A Hazelton Avenue Toronto, Ontario M5R 2E2 Mr. P. A. Lapp, President	Remote Sensing	Consulting
Lapp, P. A., Sc.D., P.Eng.		
66 Philips Electronics Ltd. Scientific and Industrial Equipment Division 1001 Ellesmere Road Scarborough, Ontario M1P 2W7 Mr. R. Bechtel, Manager	Pollution, Instrumentation	Monitoring
Snape, F., Ph.D.		
67 Keith Philpott Consulting Engineer P.O. Box 938 Thornhill, Ontario L3T 4A5 Mr. K. L. Philpott, Principal	Coastal and Nearshore Processes and Structures	Consulting
Philpott, K. L., P.Eng., Dip. H.E.		
68 R. H. Loucks Oceanology Ltd. 24 Clayton Park Drive Halifax, Nova Scotia B3M 1L3 Dr. R. H. Loucks, President	Interdisciplinary Studies, Physical Oceanography, Fisheries Populations, Tides and Surges	Consulting, Research and Development, Impact Assessment
Loucks, R.H., Ph.D.		
Smith, R. E., B.Sc.	Interdisciplinary Studies, Petroleum Pollution, Heavy Metals, Data Processing	Consulting, Impact Assessment, Surveys

Name – Nom	Speciality – Spécialité	Activity – Activité
69 Robertson Research (North America) Limited 501 Cleveland Crescent, S.E. Calgary, Alberta T2P 4R8		
Dr. P. J. Rauwerda, Director		
Andersson, B. H., M.Sc.	Geosciences, Arctic, Geology, Paleontology	Consulting, Exploration, Research and Development
Dolby, G., Ph.D.	Geosciences, Arctic, Geology, Paleontology	Consulting, Exploration, Research and Development
LaBorde, K. T., B.Sc.	Mineral and Petroleum Resources, Paleontology, Sedimentology, Bathymetry	Consulting, Exploration, Research and Development
Rauwerda, P. J., Ph.D.	Geochemistry, Geology, Mineral and Petroleum Resources, Bathymetry	Consulting, Exploration, Research and Development
70 Seakem Oceanography Ltd. 560 Alpha Street Victoria, British Columbia V8Z 1B2		
Mr. P. Erickson, President		
Berrang, P. G., M.Sc.	Chemical Oceanography, Trace Metals	Manufacturing, Testing
De Lange Boom, B., M.Sc.	Physical Oceanography	Consulting
Erickson, P. E., M.Sc.	Chemical Oceanography, Trace Metals	Consulting
Green, D. R., Ph.D.	Chemical Oceanography, Hydrocarbons	Research and Development
Thomas, D. J., M.Sc.	Chemical Oceanography, Trace Metals	Research and Development
71 Seiscan-Delta Limited Suite 1650 Royal Bank Building 335-8th Avenue S.W. Calgary, Alberta T2J 4M9		
Mr. F. P. Kronberger, Vice-President		
Campbell, J. N., B.Sc.	Remote Sensing	Research and Development
Kronberger, F. P.	Geophysics	Exploration
Stewart, K. A.	Data Processing	Surveys
72 Somer Inc. 1134 Ste-Catherine Street West Montreal, Quebec H3B 1H4		
Dr. S. Y. Pottie, Manager		
Hupé, M., M.A.	Computer Applications	Monitoring
Noulard, D., B.A.Sc., M.B.A.	Pollution	Impact Assessment
Pottie, S. Y., Ph.D.	Pollution	Impact Assessment
Robitaille, J., Ph.D.	Biology	Surveys

Name – Nom	Speciality – Spécialité	Activity – Activité
Strobach, P., M.A.	Computer Applications	Monitoring
73 SPAR Aerospace Products Ltd. 825 Caledonia Road Toronto, Ontario M6B 3X8		
Mr. C. M. Hinds, Director		
Graham, J. D., M.S., P.Eng.	Engineering, Submersible Manipulators	Research and Development
Hinds, C. M., B.Sc., P.Eng.	Remote Sensing	Research and Development
Schgal, T., M.S., P.Eng.	Engineering, Submersible Manipulators	Research and Development
74 Techwest Enterprises Ltd. 3650 Wesbrook Mall Vancouver, British Columbia V6S 2L2		
Mr. R. E. W. Lake, Vice President and General Manager		
Bejar, J. A., Ph.D.	Data Acquisition and Processing, Micro Processing, Control Systems	Research and Development
Bergquist, A. J. R., B.Sc.	Offshore Oil Exploration and Equipment	Research and Development, Consulting
Bryson, C., A.M.I.Prod.E.	Design of Motion Compensation Systems for Towed Submersibles	Design
Fraser, F. S., B.A.Sc., P.Eng.	Electrical/Mechanical Design	Consulting, Administration
Grundmann, W., H.T.L.	Sensing and Measurement of Marine Related Parameters, Electronic Control Circuits for Marine Applications	Mechanical and Electronic Design
Kellogg, F.E., B.A.Sc.	Electronic Controls for Instrumentation Systems, Data Acquisition Systems	Testing and Monitoring, Prototype Equipment Design
Kuzenko, W. R., B.Sc., B.A.Sc.	Electronic and Electrical Instrumentation for Marine Applications	Design, Testing and Monitoring
Mouat, T. W., M.Sc., P.Eng.	Analysis of Mechanical and Physical Systems	Prototype Equipment Design and Construction
Sanders, R. J., M.I.Mech.E., A.F.R.Ac.S., P.Eng.	Equipment Design for Marine Applications, Stress/strain Measurements	Research and Development, Design of Motion Compensated Structures and Mechanisms
Saunders, R. L., B.A.Sc., P.Eng.	Stress/strain Measurements	Consulting, Strain Gauging
Stricker, P. A., M.A.Sc., P.Eng.	Analysis and Design of Control Systems, Hydraulic System Design	Design, Research and Development
Teh, G. C., B.Sc. (Hons)	Data Acquisition and Processing Systems, Electronics	Strain Gauging and Analysis, Ultra Sonic Instrumentation, Prototype Equipment Design

Name – Nom	Speciality – Spécialité	Activity – Activité
Thomas, W. D. R., M.Sc., M.I.Mech.E., C.Eng.	Motion Dynamics, High Sea State Motion Compensating Handling Systems, Hydraulic System Design	Research and Development of Prototype Mechanical Systems
75 Terrain and Ice Interpretation 150 Liard Street Box 526 Stittsville, Ontario K0A 3G0		
Drapier Arsenault, Lyn, B.Sc.	Distribution and Movement of Sea Ice	Surveys
76 Terra Surveys/Geoterrex Ltd. 2060 Walkley Road Ottawa, Ontario K1G 3P5		
Mr. A. Rattew, President		
Quinn, R., B.Sc., P.Eng.	Geophysics, Geology, Physical Oceanography, Bathymetry, Data Acquisition	Surveys, Consulting
77 Thalassic Data Ltd. 3445 West 31st Avenue Vancouver, British Columbia V6S 1X6		
Mr. T. M. McGee, President		
Kennedy, J. J., M.A.Sc.	Instrumentation	Research and Development, Surveys
Macdonald, R. D., M.A.Sc.	Sedimentology	Surveys
McGee, T. M., M.A.Sc.	Geophysics	Surveys
78 Tri Ocean Engineering Ltd. 500-808-4th Ave. S.W. Calgary, Alberta T2P 0K4		
Mr. K. J. MacGillivray, President		
Andrews, D. L., B.A.Sc.	Offshore Structures and Pipelines	Consulting
Davis, R. M., B.A.Sc.	Offshore Drilling Engineering	Consulting
MacGillivray, K. J., B.A.Sc.	Offshore Drilling Rigs	Consulting
McBeth, R.A., B.A.Sc.	Offshore Drilling Feasibility Studies	Consulting
Simr, C. J., B.Eng., M.B.A.	Offshore Drilling Rig Construction	Consulting
Watts, J. S., B.Sc.	Offshore Drilling Rigs	Consulting
79 Undersea Research Limited 17 Foxbar Road Toronto, Ontario M4V 2G5		
Mr. J. B. MacInnis, President		
MacInnis, J. B., CM, MD	Diving Management, Habitat, Human Performance	Research and Development

Name – Nom	Speciality – Spécialité	Activity – Activité
80 Western Canada Hydraulic Laboratories Ltd. 1186 Pipeline Road Port Coquitlam, British Columbia Mr. D. Hay, Managing Director	Coastal and Nearshore Processes and Structures	Consulting
Hay, D., M.Sc., P.Eng.		
McLaren, W. A., M.Sc., P.Eng.	Coastal Engineering	Consulting
81 Whitman, Benn and Associates Limited Suite 212 Duke Street Tower Scotia Square Halifax, Nova Scotia B3J 1N9 Mr. P. M. Gillham, President		
Dow, J., B.E., P.Eng.	Harbour Construction, Marine Surveys	Consulting, Surveys
Eirisch, K., P.Eng.	Harbour Development	Consulting
Franklin, D. H., B.E., P.Eng.	Marine Structures	Consulting
Giddens, H. K., B.E., P.Eng.	Harbour Development	Consulting
Mills, R. G., B.Sc., P.	Ocean Engineering	Consulting
Yelubandi, R., M.E., P.Eng.	Flood Control and Water Resources	Consulting

Scientists and their Specialities

Experts et leurs spécialités

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Abdelnour, R., M.Sc.	5	Engineering	Research and Development
Adam, K. M., Ph.D., P.Eng.	49	Engineering Groundwater Waves	Consulting, Impact Assessment
Alam, S., ing.	54	Processus côtiers, Glace de Mer, Pollution thermique, Modèles	Conseil
Allan, R., M.Sc.	5	Navigation	Consulting
Allen, J. H., Ph.D., P.Eng.	57	Ocean Engineering, Mariculture	Research and Development, Design
Anderson, E. P., Ph.D.	26	Biological Oceanography	Consulting, Research and Development
Andersson, B. H., M.Sc.	69	Geosciences, Arctic, Geology, Paleontology	Consulting, Exploration, Research and Development
Andrews, D. L., B.A.Sc.	78	Offshore Structures and Pipelines	Consulting
Apostoli, P., P.Eng.	31	Pollution Control	Consulting
Armour, R., B.Sc.	28	Benthic Ecology	Surveys
Arsenault, Lorraine, B.Sc.	7	Pollution	Testing
Ashley, S. C., B.Sc.	56	Engineering	Research and Development
Avis, R., M.Sc.	27,28	Physical Oceanography	Consulting, Research and Development Surveys, Monitoring
Aziz, V., B.Sc.	55	Zooplankton, Taxonomy	Monitoring, Surveys
Badura, J., M.A.Sc.	25	Engineering, Undersea Structures	Research and Development, Consulting
Bain, H., M.Sc.	55	Fish	Surveys, Impact Assessment
Baird, D. E., B.Sc.	38	Geology, Geotechnique	Exploration
Beak, T. W., B.Sc.	45	Invertebrates	Consulting
Bejar, J. A., Ph.D.	74	Data Acquisition and Processing, Micro Processing, Control Systems	Research and Development
Benneworth, N., B.Eng., M.Sc.	16	Data Processing, Modelling	Consulting
Beran, W. T., B.Sc.	56	Engineering	Research and Development
Bergquist, A. J. R., B.Sc.	74	Offshore Oil Exploration and Equipment	Research and Development, Consulting
Berrang, P. G., M.Sc.	70	Chemical Oceanography, Trace Metals	Manufacturing, Testing

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Bethel, G., M.Sc.	4	Marine Pollution	Surveys
Bhattacharya, P. J., Ph.D. P.Eng.	63	Data Processing	Consulting, Surveys
Biggs, W. G., M.Sc.	28	Estuarine Ecology	Surveys, Impact Assessment, Consulting
Bishop, B. R., B.Sc. P.Eng. D.L.S.	17	Navigation, Bathymetry	Consulting, Surveys
Boivin, R., ing.	54	Marées et Houle, Sédimentologie, Processus côtiers, Estuaires, Intrusion saline, Modèles	Conseil
Boston, N. E. J., Ph.D.	12	Physical Oceanography	Consulting
Boulanger, F., ing.	54	Pollution estuarine, Marées et Houle, Navigation, Modèles	Conseil
Bradley, G. M., B.Sc.	33	Arctic Biology, Fish	Consulting, Impact Assessment
Bryson, C., A.M.I.Prod.E.	74	Design of Motion Compensation Systems for Towed Submersibles	Design
Brzezinski, L. S., M.Sc., P.Eng.	38	Geotechnique, Arctic Engineering	Consulting, Research and Development
Buchanan, R., M.Sc.	55	Crustaceans, Taxonomy	Monitoring, Impact Assessment
Buckingham, W. R., M.Sc.	26	Physical Oceanography	Consulting, Research and Development
Buxton, E. B.	60	Meteorology	Consulting
Cambers, G., Ph.D.	33	Circulation, Coastal, Tides and Surges, Waves	Consulting, Impact Assessment
Cameron, W. M., Ph.D.	14	Physical Oceanography, Arctic, Coastal	Consulting, Research and Development
Campbell, D. S., P.Eng.	19	Electrical Engineering	Consulting
Campbell, J. N., B.Sc.	71	Remote Sensing	Research and Development
Canning, R. P., P.Eng.	61	Marine Pollution	Impact Assessment, Surveys Monitoring
Carmichael, J. R., B.Sc.	52	Habitat Assessment, Salmon Biology	Impact Assessment
Case, J. N., P.Eng.	19	Ship Design	Consulting
Cerigo, D. G., Ph.D., P.Eng.	20	Mineral and Petroleum Resources, Pollution, Engineering	Consulting
Chang, P. Y. K., M.Sc.	6	Physical Oceanography, Data Processing, Time-Series Analysis, Modelling	Research and Development, Surveys, Consulting
Chantler, A., Ph.D.	30	Estuarine Flushing Processes	Surveys
Christison, S. G., P.Eng.	36	Fishing Gear	Research and Development
Collins, N. H., B.Sc.	61	Fisheries	Impact Assessment, Surveys, Monitoring
Connors, F. M., P.Eng.	19	Hull Dynamics	Research and Development

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Conover, Shirley, A. M., Ph.D.	57	Biological Oceanography, Algae, Mariculture	Research and Development, Surveys
Coolen, M. E., B.Eng.	59	Ocean Engineering, Currents, Data Processing	Consulting, Design
Coustalin, J.B., Dipl. Biol. (Fr)	4	Taxonomy, Marine Biology	Consulting
Crippa, R. A., B.Sc.	56	Engineering	Research and Development
Crippen, R. W., Ph.D.	13	Ecology, Taxonomy	Impact Assessment, Consulting
Croal, J. P., L/Cdr., C.D. R.C.N. (Ret'd)	23	Arctic Oceanography	Consulting, Exploration, Monitoring, Testing
Croasdale, K. R., B.Sc. Eng.	46	Sea Ice, Ice Mechanics, Ice Forces	Research
Cross, W., B.Sc.	55	Zooplankton, Taxonomy	Monitoring
Czerwinski, F. H., B.Sc.	56	Engineering	Research and Development
d'Apollonia, S., B.Sc.	39	Data Handling	Surveys
Dalrymple, R., M.Sc.	45	Modelling	Consulting
Danyluk, D. M., B.Sc.	53	Geophysics	Surveys
Davidson, L. W., M.Sc.	32	Physical Oceanography	Surveys
Davies, J. H., B.Sc.	10	Remote Sensing	Research and Development
Davis, R. M., B.A.Sc.	78	Offshore Drilling Engineering	Consulting
Davis, W. R., M.Eng., P.Eng.	23	Data Acquisition Systems	Consulting
Davison, D. S., Ph.D.	48	Meteorology, Air-Sea Interaction	Consulting, Research and Development
Dawson, E. J., P.Eng.	19	Marine Engineering	Consulting
de Chancenotte, R.	60	Meteorology	Consulting
De Lange Boom, B., M.Sc.	70	Physical Oceanography	Consulting
DeJong, J., Ph.D.	56	Engineering	Research and Development
Dempsey, G., B.Sc.	56	Engineering	Research and Development
Deveau, C., B.A.	58	Aquaculture	Research and Development
Dick, J., P.Eng.	8	Engineering, Food Processing	Research and Development, Manufacturing
Dickson, I. W., Ph.D.	49	Fisheries Management and Development, International Aspects, Environmental Studies	Consulting, Impact Assessment
Dolby, G., Ph.D.	69	Geosciences, Arctic, Geology, Paleontology	Consulting, Exploration, Research and Development
Dow, J., B.E., P.Eng.	81	Harbour Construction, Marine Surveys	Consulting, Surveys
Drapier Arsenault, Lyn, B.Sc.	75	Distribution and Movement of Sea Ice	Surveys
Drysdale, Janet, B.Sc.	37	Surficial Geology, Hydrogeology	Consulting

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Dundas, T. R. B., M.Sc. P.Geoph.	53	Geophysics	Surveys
Dunne, M., B.Sc.	5	Instrumentation	Testing
Duval, W. S., Ph.D.	33	Physiology, Phytoplankton, Productivity, Zooplankton	Consulting, Impact Assessment
Edwards, R., Jr., M.Sc.	5	Navigation	Research and Development
Ehrenreich, S., B.Sc., P.Eng.	42	Arctic Offshore Engineering	Research and Development
Eirisch, K., P.Eng.	81	Harbour Development	Consulting
Ellis, B. M., Ph.D., P.Eng.	31	Waste Water Process Engineering	Research and Development, Consulting
Ellis, D. V., Ph.D.	24	Benthic Ecology, Taxonomy and Systematics, General Pollution	Research and Development, Consulting
Elsley, D. R., B.Sc., Eng.	18	Diving Management	Research and Development, Surveys
English, J., P.Eng.	18	Diving Management	Research and Development, Surveys
Enright, Catherine T., M.Sc.	58	Marine Biology	Research and Development
Erickson, P. E., M.Sc.	70	Chemical Oceanography, Trace Metals	Consulting
Eryou, N. D., Ph.D., P.Eng.	23	Instrumentation	Consulting
Escher, G., P.Eng., M.Sc.	8	Mechanical Engineering	Research and Development, Manufacturing
Fanning, M. L., B.Sc.	45	Fish	Surveys
Farrell, K. P., P.Eng.	19	Ship Design	Consulting
Feller, M. D., B.A.Sc.	56	Engineering	Research and Development
Fellows, J. D.	53	Geophysics	Surveys
Fernandez, A., P.Eng.	19	Civil Engineering	Consulting
Fischer, K. E., B.Sc.	56	Engineering	Research and Development
Flemming, L. N., B.Sc.	51	Hydrographic Surveys, Engineering	Surveys
Fletcher, N.J., M.A.Sc.	56	Engineering	Research and Development
Foster, L. A., M.Sc.	35	Physical Oceanography	Consulting, Surveys
Foy, M., B.Sc.	55	Phytoplankton, Taxonomy	Monitoring, Surveys
Fraker, M. A., M.A.	33	Arctic Biology, Mammals	Consulting, Impact Assessment
Franklin, D. H., B.E., P.Eng.	81	Marine Structures	Consulting
Fraser, F. S., B.A.Sc., P.Eng.	74	Electrical/Mechanical Design	Consulting, Administration
Fraser, R. T., B.Sc.	13	Applied Physics	Surveys, Consulting
Gélinas, P., Ph.D., Eng.	37	Geotechnical Engineering	Consulting

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
German, R. B., B.Sc., P.Eng.	38	Geotechnique, Arctic Engineering, Ocean Mining	Exploration, Consulting, Research and Development
Gibb, G., Sc. ME/SS	19	Inspection	Surveys
Gibb, P. R., H.N.C.	56	Engineering	Research and Development
Giddens, H. K., B.E., P.Eng.	81	Harbour Development	Consulting
Gillis, G. F., M.Sc.	61	Benthic Ecology	Impact Assessment, Surveys, Monitoring
Gordon, C. D., Ph.D.	33	Arctic Biology, Ecology, Estuarine and Intertidal Ecology, Fisheries Assessment and Management	Consulting, Impact Assessment
Graham, B. W., M.Sc.	46	Offshore Structures	Research
Graham, J. D., M.S., P.Eng.	73	Engineering, Submersible Manipulators	Research and Development
Grant, W., B.Sc.	21	Physical and Chemical Oceanography	Monitoring
Green, D. R., Ph.D.	70	Chemical Oceanography, Hydrocarbons	Research and Development
Griffing, T. C., Ph.D.	45	Ecology	Impact Assessment
Griffiths, W., M.Sc.	55	Anadromous Fish	Surveys, Impact Assessment
Grohe, Catherine L., B.Sc.	40	Arctic Zooplankton, Taxonomy	Consulting
Grundmann, W., H.T.L.	74	Sensing and Measurement of Marine Related Parameters, Electronic Control Circuits for Marine Applications	Mechanical and Electronic Design
Grundman, W. A., B.Sc., P.Eng.	41	Fluid Dynamics, Towed Systems, Desalination Equipment	Consulting, Manufacturing, Research and Development
Haider, S., M.Sc.	42	Arctic Geotechnical Engineering	Surveys
Hallett, D., B.Sc.	37	Civil Engineering, Engineering Geology	Consulting
Hamilton, J. W., P.Eng.	19	Ship Design	Consulting
Hausser, R., ing.	54	Structures et Processus des Régions côtières et littorales, Sédimentologie, Glace de Mer, Modèles	Conseil
Hay, D., M.Sc.	30	Coastal Hydraulic Studies	Consulting
Hay, D., M.Sc., P.Eng.	80	Coastal and Nearshore Processes and Structures	Consulting
Hay, D. E., Ph.D.	57	Fisheries Biology, Ecology	Research and Development, Impact Assessment
Hayden, W., M.Sc.	49	Fisheries Management and Development, Environmental Studies	Consulting, Impact Assessment, Monitoring, Surveys
Heald, J. F., P.Eng.	19	Scientific Support Facilities	Consulting
Hebden, R. H., P.Eng.	19	Mechanical Engineering	Consulting
Hepburn, M. B., B.Sc.	4	Invertebrate, Biology	Surveys

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Hinds, C. M., B.Sc., P.Eng.	73	Remote Sensing	Research and Development
Hnatiuk, J., B.Eng., P.Eng.	42	Arctic Environmental Research	Project Management
Hodd, S. L., M.Eng.	13	Pollution	Impact Assessment
Holden, B. J., M.A., M.Eng.	57	Physical Oceanography, Currents	Research and Development, Data Processing
Hoos, L. M., M.Sc.	31	Invertebrate Zoology	Impact Assessment
Hosie, A., M.Sc.	44	Instrumentation	Research and Development
Houghton, F., B.Sc.	56	Engineering	Research and Development
Houston, W. R., M.Sc.	10	Petroleum Pollution	Research and Development
How, G. T. S., M.Sc., P.Eng.	49	Geosciences, Arctic	Consulting, Impact Assessment
Hunter, G. T., B.Sc., M.Sc., P.Eng.	3	Coastal Process and Structure	Consulting, Impact Assessment
Huntington, D. R.	50	Submersibles	Design
Hupé, M., M.A.	72	Computer Applications	Monitoring
Hurwitz, L. E., M.Sc., P.Eng.	49	Geosciences, Arctic	Consulting, Impact Assessment
Hutchins, R. W., B.Sc.	44	Acoustics	Research and Development
Hutchinson, J. R., H.N.C.	56	Engineering	Research and Development
Isaacs, P. J., B.A.Sc.	23	Electronic Instrumentation	Design, Manufacturing
Jamieson, G. S., Ph.D.	59	Crustaceans, Artificial Culture and Mariculture, Benthic Ecology	Research and Development, Monitoring, Impact Assessment
Jandali, T., Ph.D., P.Eng.	33	Engineering, Meteorology, Fluid Dynamics	Consulting, Impact Assessment
Janssen, R. G., M.Sc.	31	Fish Physiology	Research and Development; Testing
Jemmett, J. A., B.Sc.	62	Aquatic Biology, Fisheries Assessment and Management	Consulting, Impact Assessment, Research and Development
Jenkins, B. W., M.Sc.	29	Fish, Ecology	Consulting, Impact Assessment
Jones, D. J., Ph.D.	45	Benthic Ecology	Monitoring
Jordan, A. J., Ph.D.	12	Biological Oceanography	Impact Assessment, Consulting
Jutras, R. A., rmc	56	Engineering	Research and Development
Kellogg, F.E., B.A.Sc.	74	Electronic Controls for Instrumentation Systems, Data Acquisition Systems	Testing and Monitoring, Prototype Equipment Design
Kennedy, J. J., M.A.Sc.	77	Instrumentation	Research and Development, Surveys
King, J. E., H.N.C.	56	Engineering	Research and Development
Kistritz, R. U., M.Sc.	28	Estuarine and Intertidal Ecology	Surveys, Impact Assessment, Consulting
Kivisild, H.R., D.Eng.	32	Arctic Offshore Engineering	Consulting

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Knowles, D. W., B.A.Sc.	25	Engineering	Research and Development, Consulting
Knutson, L. B., B.Sc.	58	Polysaccharide Biochemistry	Research and Development
Kristmanson, D. D., Ph.D.	61	Descriptive Oceanography	Consulting
Kronberger, F. P.	71	Geophysics	Exploration
Kry, P. R., Ph.D.	46	Ice Mechanics, Ice Forces	Research
Kuchnow, K., Ph.D.	19	Biological Oceanography	Research and Development
Kuzenko, W. R., B.Sc., B.A.Sc.	74	Electronic and Electrical Instrumentation for Marine Applications	Design, Testing and Monitoring
LaBorde, K. T., B.Sc.	69	Mineral and Petroleum Resources, Paleontology, Sedimentology, Bathymetry	Consulting, Exploration, Research and Development
Langley, D. G., B.Sc.	45	Heavy Metals	Consulting
Lapp, P. A., Sc.D., P.Eng.	65	Remote Sensing	Consulting
Larson, B. T.	50	Submersibles	Design
Lawson, D., B.Sc., M.Sc., Ph.D.	3	Geology and Sedimentology	Consulting, Research and Development
Lawther, G. H.	6	Hydrography, Bathymetry, Surveys, Human Underwater Physiology	Surveys, Consulting
Leech, M. E., M.Sc.	60	Meteorology	Consulting
LeGeyt, M., B.Sc., Ph.D.	21	Physical and Chemical Oceanography	Impact Assessment
Leggatt, C. D.	10	Instrumentation	Surveys, Testing
Lewis, J. F., M.Sc.	44	Geophysics	Surveys
Lindsay, G. J., B.Sc.	15	Seaweed, Mariculture	Research and Development
Lister, D. B., B.Sc.	29	Fisheries Assessment and Management, Population Studies	Consulting, Impact Assessment
Lo, K. K., B.Sc.	56	Engineering	Research and Development
Lock, D. F., B.Sc.	64	Hydrography, Physical Oceanography	Surveys
Long, M. J. J., M. Geol.	39	Geology, Bathymetry	Consulting, Research and Development
Loucks, R.H., Ph.D.	68	Interdisciplinary Studies, Physical Oceanography, Fisheries Populations, Tides and Surges	Consulting, Research and Development, Impact Assessment
Low, C. J., Ph.D.	29	Benthic Ecology, Invertebrates, Taxonomy and Systematics	Consulting, Impact Assessment
Ménard, G., B.Sc.	37	Surficial Geology, Hydrogeology	Consulting
Macdonald, R. D., M.A.Sc.	77	Sedimentology	Surveys
MacDonald, V. I., B.Sc.	12	Biology	Surveys
MacGillivray, K. J., B.A.Sc.	78	Offshore Drilling Rigs	Consulting

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
MacGregor, C. D. R., M.Eng.	59	Chemical Oceanography	Surveys, Impact Assessment
MacInnis, J. B., CM, MD	79	Diving Management, Habitat, Human Performance	Research and Development
MacKnight, S. D., Ph.D.	57	Geochemistry, Sediment-water Interaction	Research and Development, Impact Assessment
MacLaren, W. A., M.Sc.	30	Coastal Tides and Currents	Consulting
Maclean, D. G., M.Eng., P.Eng.	6	Nearshore Structures, Outfalls, Engineering	Consulting
Maddock, W., P.Eng.	19	Marine Engineering	Consulting
Mallen, D. O., B.Sc.	45	Engineering Techniques	Consulting
Marion, T. L., Ph.D.	46	Deep Sea Engineering	Research
Marliave, J. B., Ph.D.	31	Marine Fisheries, Ecology	Research and Development, Surveys
Martin, Linda C., B.Sc.	33	Arctic Biology, Estuarine and Intertidal Ecology, Arctic Oceanography	Consulting, Impact Assessment
Masterson, D. M., Ph.D.	32	Ice Mechanics	Research and Development
Matich, M. A. J., M.Sc., P.Eng.	38	Geotechnique, Arctic Engineering, Coastal	Consulting, Research and Development
McBeth, J. B., M.Sc. P.Eng.	50	Submersibles	Design
McBeth, R.A., B.A.Sc.	78	Offshore Drilling Feasibility Studies	Consulting
McDonald, V. I., B.Sc.	6	Nearshore Structures, Outfalls	Consulting
McDonald, J. W., M.Sc.	33	Arctic Oceanography, Coastal, Synoptic and Descriptive	Consulting, Impact Assessment
McGee, T. M., M.A.Sc.	77	Geophysics	Surveys
McGonigal, D. W., B.Eng.	61	Descriptive Oceanography	Impact Assessment, Surveys, Monitoring
McLaren, W. A., M.Sc., P.Eng.	80	Coastal Engineering	Consulting
McLean, A. Y., Ph.D.	59	Engineering, Environmental Quality	Impact Assessment, Project Management
Meagher, L. J., B.Sc.	39	Geology, Bathymetry, Surveys	Consulting, Surveys
Metge, M., M.Sc.	46	Ice Mechanics	Research
Mills, R. G., B.Sc., P.Eng.	81	Ocean Engineering	Consulting
Milne, D. J., Ph.D.	43	Environmental Marine Physiology	Research, Consulting
Morse, D. E., B.A.	37	Environmental Planning	Consulting
Mouat, T. W., M.Sc., P.Eng.	74	Analysis of Mechanical and Physical Systems	Prototype Equipment Design and Construction
Mouratidis, H. C., Ph.D.	12	Physical Oceanography	Consulting

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Munro, G. H., B.Sc., M.B.A.	39	Marine Geology, Geophysics	Exploration
Murphy, K. L., Ph.D.	45	Modelling	Consulting
Murray, A. D., M.Sc.	10	Microbiology	Research and Development
Myers, R. M., M.Sc., P.Eng.	57	Coastal Protection, Sediment Transport	Research and Development, Design
Nadreau, J. -P., M.Sc.	5	Engineering	Research and Development
Nawwar, A., Ph.D.	5	Engineering	Research and Development
Neish, I. C., Ph.D.	58	Aquatic Systems	Research and Development
Noulard, D., B.A.Sc., M.B.A.	72	Pollution	Impact Assessment
Nowak, R. L., Ph.D., P.Eng.	38	Geophysics, Geotechnique	Consulting, Research and Development
Olmsted, W. R., B.Sc.	33	Arctic Biology, Benthic Ecology, Microbiology, Population Studies	Consulting, Impact Assessment
Ostick, C., H.N.C.	56	Engineering	Research and Development
Pakula, Z., B.Sc.	15	Invertebrates	Surveys
Parkinson, F. E., ing.	54	Navigation, Processus côtiers, Pollution estuarine	Conseil
Patry, J. C., P.Eng., B.Eng.	23	Test Engineering	Design, Testing
Penel, J., M.Sc.	32	Arctic Fluid Mechanics	Consulting
Permut, A. H., M.Sc., P.Eng.	49	Engineering, General Pollution	Consulting, Impact Assessment
Petrov, D., ME., B.El. Eng.	9	Magnetism, Towed Bodies, Underwater Support for Divers	Monitoring, Design
Philpott, K. L., P.Eng., Dip. H.E.	67	Coastal and Nearshore Processes and Structures	Consulting
Piotte, S. Y., Ph.D.	72	Pollution	Impact Assessment
Plint, A. L., P.Eng.	19	Surveying	Surveys
Pogorski, L. A., Ph.D.	22	Geochemistry	Research and Development, Surveys, Exploration, Consulting
Poulin, V. A., B.Sc.	33	Arctic Biology, Fish	Consulting, Impact Assessment
Purves, W. F., M.Sc.	5	Petroleum Pollution	Testing
Quinn, R., B.Sc., P.Eng.	76	Geophysics, Geology, Physical Oceanography, Bathymetry, Data Acquisition	Surveys, Consulting
Quirt, S., Ph.D.	22	Geochemistry	Research and Development, Surveys, Exploration, Consulting
Rampton, V. K.	37	Permafrost, Shoreline Mapping	Consulting
Rasmussen, M., M.Sc.	19	Materials	Research and Development

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Rauwerda, P. J., Ph.D.	69	Geochemistry, Geology, Mineral and Petroleum Resources, Bathymetry	Consulting, Exploration, Research and Development
Ricker, K. E., M.Sc.	28	Marine Geology	Consulting
Ricker, W. E., Ph.D.	28	Population Studies	Consulting, Research and Development
Robarts, R. D., Ph.D.	13	Phytoplankton, Productivity	Consulting
Robitaille, J., Ph.D.	72	Biology	Surveys
Roed, M.A., Ph.D., P.Eng.	37	Bedrock Mapping, Sedimentation, Geomorphology	Consulting
Rosenegger, L. W., M.Sc.	46	Ice Mechanics, Arctic Pollution	Research
Ruffman, A., M.Sc.	39	Geology, Geophysics, Bathymetry	Consulting, Research and Development
Sanders, R. J., M.I.Mech.E., A.F.R.Ac.S., P.Eng.	74	Equipment Design for Marine Applications, Stress/strain Measurements	Research and Development, Design of Motion Compensated Structures and Mechanisms
Sangster, R. H. B., B.Sc.	46	Arctic Geoscience	Research
Saunders, R. G.	15	Seaweed, Mariculture	Research and Development
Saunders, R. L., B.A.Sc., P.Eng.	74	Stress/strain Measurements	Consulting, Strain Gauging
Schalke, B. A., B.Sc., P.Eng.	50	Submersibles	Design
Scrimger, J. A., Ph.D.	64	Acoustics	Consulting
Scrimger, P., B.Sc., M.Sc.	64	Hydrography, Physical Oceanography, Computer Applications	Surveys, Research and Development
Sehgal, T., M.S., P.Eng.	73	Engineering, Submersible Manipulators	Research and Development
Sekerak, A. D., Ph.D.	55	Fish	Surveys, Impact Assessment
Semeniuk, A., Ph.D.	46	Ice Forces	Research
Sharp, G.J., Ph.D.	59	Algae, Artificial Culture and Mariculture, Population Studies	Research and Development, Monitoring, Surveys
Sheridan, A. L., B.Sc.	52	Fish Diseases, Invertebrate Populations	Surveys
Siletti, C. F., P.Eng.	58	Aquatic Engineering	Research and Development
Silvester, M. D., Ph.D.	10	Chemical Oceanography, Environmental Quality	Research and Development, Testing
Simpkin, P. G., Ph.D.	44	Data Processing, Acoustics	Research and Development
Simr, C. J., B.Eng., M.B.A.	78	Offshore Drilling Rig Construction	Consulting
Smith, R. E., B.Sc.	68	Interdisciplinary Studies, Petroleum Pollution, Heavy Metals, Data Processing	Consulting, Impact Assessment, Surveys
Snape, F., Ph.D.	66	Pollution, Instrumentation	Monitoring
Spedding, L. G., H.N.C.	46	Movement of Sea Ice	Research
Spence, J., Ph.D.	37	Ecology	Consulting

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Stallard, H., M.Sc.	55	Zooplankton, Taxonomy	Monitoring
Steele, M., B.Sc.	5	Navigation	Testing
Stephen, W. J., Ph.D.	11	Geomorphology, Sedimentology	Impact Assessment, Consulting
Stevens, G. S., Ph.D.	46	Sea Ice, Ice Forces	Research
Stewart, J. McG., M.Sc.	39	Geology, Sedimentology, Coastal and Nearshore Processes and Structures	Consulting, Exploration
Stewart, K. A.	71	Data Processing	Surveys
Stewart, M. J., Ph.D., P.Eng.	6	Nearshore Processes and Structures, Surveys, Engineering, General Pollution	Surveys, Monitoring, Impact Assessment, Consulting
Stiebel, W., M.Sc.	37	Hydrogeology and Water Quality	Consulting
Stockdale, W. K., P.Eng.	19	Scientific Support Facilities	Consulting
Stone, Nancy, B.Sc.	7	Pollution	Testing
Stonehill, B. C., B.A.Sc.	25	Pollution, Radioactive Substances	Research and Development, Consulting
Stricker, P. A., M.A.Sc., P.Eng.	74	Analysis and Design of Control Systems, Hydraulic System Design	Design, Research and Development
Strilchuk, A., Ph.D.	46	Ice Instrumentation	Research
Strobach, P., M.A.	72	Computer Applications	Monitoring
Sverre, S. F., M.Sc.	27,28	Artificial Culture and Mariculture, Biochemistry, Pollution	Consulting, Research and Development
Tait, R.	51	Hydrographic Surveys	Surveys
Tambouri, A., Ph.D.	30	Sedimentation	Consulting
Tanner, R. G., M.Eng.	2	Marine Structural Projects	Consulting
Teh, G. C., B.Sc. (Hons)	74	Data Acquisition and Processing Systems, Electronics	Strain Gauging and Analysis, Ultra Sonic Instrumentation, Prototype Equipment Design
Thomas, D. J., M.Sc.	70	Chemical Oceanography, Trace Metals	Research and Development
Thomas, W. D. R., M.Sc., M.I.Mech.E., C.Eng.	74	Motion Dynamics, High Sea State Motion Compensating Handling Systems, Hydraulic System Design	Research and Development of Prototype Mechanical Systems
Thomson, D., M.Sc.	55	Benthic Invertebrates, Taxonomy	Monitoring, Impact Assessment
Thornton, M. L., B.Sc., P.Eng.	50	Submersibles	Quality Control
Thurlow, Wm. J.	16	Petroleum Pollution	Impact Assessment
Tibbo, S. N., M.A.	34	Fisheries Assessment and Management	Consulting
Tidmarsh, W.G., M.Sc.	61	Biological Oceanography	Impact Assessment, Surveys, Monitoring
Tillson, L. J. P. T., B.A.Sc.	25	Instrumentation	Research and Development, Consulting
Timpany, P. L., M.Sc.	45	Engineering Techniques	Consulting

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Töpf, U. A., M.A.Sc.	56	Engineering	Research and Development
Trice, A. R.	50	Submersibles	Design
Trickett, W., B.Sc., B.Eng., P.Eng.	42	Arctic Research Development	Project Management
Tripp, B., M.A.Sc.	25	Engineering, Wave Energy	Research and Development, Consulting
Trofimenkoff, P. N., Ph.D.	46	Sea Ice, Arctic Pollution	Research
Twaites, B. L., Dipl. Chem.	21	Physical and Chemical Oceanography	Monitoring, Impact Assessment
Tyler, M. A., B.Sc.	45	Engineering Techniques	Consulting
Underwood, P., M.Sc.	57	Phytoplankton, Marine Ecology	Research and Development, Surveys
Van Wyck, D., B.Sc.	53	Geophysics	Surveys
Vanieperen, M. P., Ph.D.	47	Waves	Consulting
Verily, P. H., B.Sc.	46	Arctic Oceanography	Research
Vigers, G. A., Ph.D.	31	Biochemistry, Aquatic Toxicology	Research and Development, Impact Assessment
Vladykov, V.D., Ph.D.	16	Biology and Fish Culture of American Eel, Taxonomy of Estuarial Fishes: Lampreys, Sturgeons, Salmonids	Consulting, Research and Development
Vroom, P. R., M.Sc.	4, 30	Estuarine Ecology, Environmental Quality	Impact Assessment
Walker, W. W., B.Sc.	56	Engineering	Research and Development
Warner, J. L., Ph.D.	59	Ocean Engineering, Waves, Tides and Surges, Circulation	Consulting, Design
Wasilewski, B., B.Eng., P.Eng.	42	Arctic Offshore Engineering	Research and Development
Watts, J. S., B.Sc.	78	Offshore Drilling Rigs	Consulting
Webster, I. T., M.Sc.	26	Physical Oceanography	Consulting, Research and Development
Williams, R. I., B.Sc.	64	Instrumentation	Research and Development
Wilson, S. E. G., B.Sc.	46	Oceanography	Research
Windeyer, T., B.A.	57	Instrumentation	Surveys
Witney, J. W., P.Eng.	50	Submersibles	Design
Wright, A.	51	Hydrographic Surveys	Surveys
Wright, B., M.Sc.	42	Arctic Oceanography, Sea Ice	Surveys
Yelubandi, R., M.E., P.Eng.	81	Flood Control and Water Resources	Consulting
Young, G. D., P.Eng.	1	Electronics	Design

Subject Index

Index par Sujet

I Speciality Spécialité

1.00 Biology Biologie

- 1.1 General (Includes Specialized Areas Not Indexed)
Général (Y Compris les Spécialités Non Mentionnées)
- 1.2 Algae
Algues
- 1.3 Arctic
Arctique
- 1.4 Artificial Culture and Mariculture
Culture au Laboratoire et Mariculture
- 1.5 Benthic Ecology
Ecologie Benthique
- 1.6 Crustaceans
Crustacés
- 1.7 Diseases and Parasites
Maladies et Parasites
- 1.8 Ecology
Ecologie
- 1.9 Estuarine and Intertidal Ecology
Ecologie des Estuaires et de la Zone Intercotidale
- 1.10 Fish
Poissons
- 1.11 Fisheries Assessment and Management
Gestion des Pêcheries
- 1.12 Invertebrates
Invertébrés
- 1.13 Mammals
Mammifères
- 1.14 Microbiology
Microbiologie
- 1.15 Mollusks
Mollusques
- 1.16 Physiology
Physiologie
- 1.17 Phytoplankton
Phytoplancton
- 1.18 Population Studies
Etudes des Populations

- 1.19 Productivity
Productivité
- 1.20 Taxonomy and Systematics
Taxonomie et Systématique
- 1.21 Zooplankton
Zooplancton

2.00 Chemistry Chimie

- 2.1 General (Includes Specialized Areas Not Indexed)
Général (Y Compris les Spécialités Non Mentionnées)
- 2.2 Air-Sea Interaction
Interaction Océan-Atmosphère
- 2.3 Biochemistry
Biochimie
- 2.4 Geochemistry
Géochimie
- 2.5 Inorganic Chemistry
Chimie Inorganique
- 2.6 Isotope Chemistry
Chimie des Isotopes
- 2.7 Nutrient Chemistry
Chimie Nutritive
- 2.8 Organic Chemistry
Chimie Organique
- 2.9 Physical Chemistry
Chimie Physique
- 2.10 Toxicology
Toxicologie

3.00 Computer Applications Application d'Ordinateur

- 3.1 General (Includes Specialized Areas Not Indexed)
Général (Y Compris les Spécialités Non Mentionnées)
- 3.2 Data Processing
Traitement des Données
- 3.3 Modelling
Modèle
- 3.4 Time Series Analysis
Analyse de Série Chronologique

4.00 Engineering Techniques de l'Ingénieur

- 4.1 General (Includes Specialized Areas Not Indexed)
Général (Y Compris les Spécialités Non
Mentionnées)
- 4.2 Marine Engineering
Mécanique Navale
- 4.3 Mechanical and Civil Engineering
Génie Mécanique et Civil
- 4.4 Ocean Engineering
Génie Océanographique
- 4.5 Arctic
Arctique
- 4.6 Coastal
Côtière
- 4.7 Fixed Structures
Ouvrages Fixes
- 4.8 Ice
Glace
- 4.9 Material
Matériaux
- 4.10 Offshore and Deep Sea
Au Large et Grande Profondeur
- 4.11 Techniques
Techniques
- 4.12 Undersea Structures
Structures Sous-marines
- 4.13 Vessels and Floating Platforms
Navires et Plates-formes Flottantes
- 4.14 Wind and Wave Energy
Energie des Vagues et du Vent

5.00 Fisheries Engineering Génie Halieutique

- 5.1 General (Includes Specialized Areas Not Indexed)
Général (Y Compris les Spécialités Non
Mentionnées)
- 5.2 Fishing Gear
Engins de Pêche
- 5.3 Food Processing
Transformation des Aliments

6.00 Geosciences and Geotechniques Sciences de la Terre et Géotechniques

- 6.1 General (Includes Specialized Areas Not Indexed)
Général (Y Compris les Spécialités Non
Mentionnées)
- 6.2 Arctic
Arctique
- 6.3 Coastal and Nearshore Processes and Structures
Structures et Processus des Régions Côtières et
Zones Littorales
- 6.4 Geology (General)
Géologie (Général)
- 6.5 Geomagnetism
Géomagnétisme

- 6.6 Geomorphology
Géomorphologie
- 7.6 Geophysics (General)
Géophysique (Général)
- 6.8 Geotechniques
Géotechniques
- 6.9 Gravity
Gravité
- 6.10 Hydrogeology
Hydrogéologie
- 6.11 Mineral and Petroleum Resources
Ressources Pétrolières et Minérales
- 6.12 Paleontology
Paléontologie
- 6.13 Petrology
Pétrologie
- 6.14 Sedimentology
Sédimentologie
- 6.15 Seismology
Sismologie

7.00 Hydrography and Resources Mapping Hydrographie et Cartographie des Ressources

- 7.1 General (Includes Specialized Areas Not Indexed)
Général (Y Compris les Spécialités Non
Mentionnées)
- 7.2 Bathymetry
Bathymétrie
- 7.3 Shoreline Mapping
Cartographie des Lignes du Rivage
- 7.4 Surveys
Levés

8.00 Instrumentation Instruments

9.00 Meteorology Météorologie

10.00 Navigation Navigation

11.00 Physical Oceanography Océanographie Physique

- 11.1 General (Includes Specialized Areas Not Indexed)
Général (Y Compris les Spécialités Non
Mentionnées)
- 11.2 Acoustics
Acoustique
- 11.3 Air-Sea Interaction
Interaction Océan-Atmosphère
- 11.4 Arctic
Arctique
- 11.5 Circulation
Circulation

- 11. 6 Coastal
Côtière
- 11. 7 Fluid Dynamics
Dynamique des Fluides
- 11. 8 Sea Ice
Glace de Mer
- 11. 9 Synoptic and Descriptive
Synoptique et Descriptive
- 11.10 Theoretical
Théorique
- 11.11 Tides and Surges
Marées et Houle
- 11.12 Waves
Ondes

12.00 Pollution
Pollution

- 12. 1 General (Includes Specialized Areas Not Indexed)
Général (Y Compris les Spécialités Non
Mentionnées)
- 12. 2 Environmental Quality
Qualité de l'Environnement
- 12. 3 Halogenated Hydrocarbons
Hydrocarbures Halogénés
- 12. 4 Heavy Metals
Métaux Lourds
- 12. 5 Nutrients
Sels Nutritifs
- 12. 6 Outfalls
Décharges
- 12. 7 Petroleum
Pétrole
- 12. 8 Radioactive Materials
Substances Radioactives
- 12. 9 Transport of Pollutants
Transport de Substances Polluantes
- 12.10 Waste Water
Eau Résiduaire

13.00 Remote Sensing
Téledétection

- 13. 1 General (Includes Specialized Areas Not Indexed)
Général (Y Compris les Spécialités Non
Mentionnées)
- 13. 2 Sensors
Détecteurs

14.00 Scientific Information
Information Scientifique

- 14. 1 General (Includes Specialized Areas Not Indexed)
Général (Y Compris les Spécialités Non
Mentionnées)
- 14. 2 Scientific Editing
Rédaction Scientifique

15.00 Submersibles and Diving
Submersibles et Plongée

- 15. 1 General (Includes Specialized Areas Not Indexed)
Général (Y Compris les Spécialités Non
Mentionnées)
- 15. 2 Diver's Physiology and Behavior
Comportement et Physiologie du Plongeur
- 15. 3 Habitat
Habitat
- 15. 4 Submersibles
Submersibles

16.00 Miscellaneous
Divers

- 16. 1 Applied Physics
Physique Appliquée
- 16. 2 Data Acquisition
Saisie des Données
- 16. 3 Desalination
Désalination
- 16. 4 Environmental Planning
Planification de l'Environnement
- 16. 5 Flood Control and Erosion
Défense Contre les Crues et Erosion
- 16. 6 Scientific Support Facilities
Services de Soutien à la Recherche

II Activity
Activité

Consulting
Conseil

Design
Concept

Exploration
Exploration

Impact Assessment
Evaluation des Incidences

Manufacturing
Industrie Manufacturière

Monitoring
Contrôle

Project Management
Gestion de Projets

Quality Control
Contrôle de la Qualité

Research and Development
Recherche et Développement

Surveys
Levés

Testing
Essais



Subject Index

Index par Sujet

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
1.00 Biology Biologie			
1. 1 General (Includes Specialized Areas Not Indexed) Général (Y Compris les Spécialités Non-Mentionnées)			
Anderson, E. P., Ph.D.	26	Biological Oceanography	Consulting, Research and Development
Conover, Shirley, A. M., Ph.D.	57	Biological Oceanography, Algae, Mariculture	Research and Development, Surveys
Coustalin, J. B., Dipl. Biol(Fr)	5	Taxonomy, Marine Biology	Consulting
Hay, D. E., Ph.D.	57	Fisheries Biology, Ecology	Research and Development, Impact Assessment
Jemmett, J. A., B.Sc.	62	Aquatic Biology, Fisheries Assessment and Management	Consulting, Impact Assessment, Research and Development
Jordan, A. J., Ph.D.	13	Biological Oceanography	Impact Assessment, Consulting
Kuchnow, K., Ph.D.	19	Biological Oceanography	Research and Development
Loucks, R.H., Ph.D.	68	Interdisciplinary Studies, Physical Oceanography, Fisheries Populations, Tides and Surges	Consulting, Research and Development, Impact Assessment
MacDonald, V. I., B.Sc.	13	Biology	Surveys
Robitaille, J., Ph.D.	72	Biology	Surveys
Tidmarsh, W.G., M.Sc.	61	Biological Oceanography	Impact Assessment, Surveys, Monitoring
Vladykov, V.D., Ph.D.	16	Biology and Fish Culture of American Eel, Taxonomy of Estuarial Fishes: Lampreys, Sturgeons, Salmonids	Consulting, Research and Development
1. 2 Algae Algues			
Conover, Shirley, A. M., Ph.D.	57	Biological Oceanography, Algae, Mariculture	Research and Development, Surveys
Enright, Catherine T., M.Sc.	58	Marine Biology	Research and Development
Neish, I. C., Ph.D.	58	Aquatic Systems	Research and Development
Sharp, G.J., Ph.D.	59	Algae, Artificial Culture and Mariculture, Population Studies	Research and Development, Monitoring, Surveys

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
1. 3 Arctic Arctique			
Bradley, G. M., B.Sc.	33	Arctic Biology, Fish	Consulting, Impact Assessment
Fraker, M. A., M.A.	33	Arctic Biology, Mammals	Consulting, Impact Assessment
Gordon, C. D., Ph.D.	34	Arctic Biology, Ecology Estuarine and Intertidal Ecology	Consulting, Impact Assessment
Grohe, Catherine L., B.Sc.	40	Arctic Zooplankton, Taxonomy	Consulting
Martin, Linda C., B.Sc.	33	Arctic Biology, Estuarine and Intertidal Ecology, Arctic Oceanography	Consulting, Impact Assessment
Olmsted, W. R., B.Sc.	33	Arctic Biology, Benthic Ecology, Microbiology, Population Studies	Consulting, Impact Assessment
Poulin, V. A., B.Sc.	33	Arctic Biology, Fish	Consulting, Impact Assessment
1. 4 Artificial Culture and Mariculture Culture au Laboratoire et Mariculture			
Allen, J. H., Ph.D., P.Eng.	57	Ocean Engineering, Mariculture	Research and Development, Design
Conover, Shirley, A.M., Ph.D.	57	Biological Oceanography, Algae, Mariculture	Research and Development, Surveys
Deveau, C., B.A.	58	Aquaculture	Research and Development
Enright, Catherine T., M.Sc.	58	Marine Biology	Research and Development
Jamieson, G. S., Ph.D.	59	Crustaceans, Artificial Culture and Mariculture, Benthic Ecology	Research and Development, Monitoring, Impact Assessment
Lindsay, G. J., B.Sc.	15	Seaweed, Mariculture	Research and Development
Neish, I. C., Ph.D.	58	Aquatic Systems	Research and Development
Saunders, R. G.	15	Seaweed, Mariculture	Research and Development
Sharp, G. J., Ph.D.	59	Algae, Artificial Culture and Mariculture, Population Studies	Research and Development, Monitoring, Surveys
Siletti, C. F., P.Eng.	58	Aquaculture Engineering	Research and Development
Sverre, S. F., M.Sc.	28,29	Artificial Culture and Mariculture, Biochemistry, Pollution	Consulting, Research and Development
1. 5 Benthic Ecology Ecologie Benthique			
Armour, R., B.Sc.	28	Benthic Ecology	Surveys
Ellis, D. V., Ph.D.	24	Benthic Ecology, Taxonomy and Systematics, General Pollution	Research and Development, Consulting
Gillis, G. F., M.Sc.	61	Benthic Ecology	Impact Assessment, Surveys, Monitoring
Jamieson, G. S., Ph.D.	59	Crustaceans, Artificial Culture and Mariculture, Benthic Ecology	Research and Development, Monitoring, Impact Assessment
Jones, D. J., Ph.D.	45	Benthic Ecology	Monitoring

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Low, C. J., Ph.D.	29	Benthic Ecology, Invertebrates, Taxonomy and Systematics	Consulting, Impact Assessment
Olmsted, W. R., B.Sc.	33	Arctic Biology, Benthic Ecology, Microbiology, Population Studies	Consulting, Impact Assessment
I. 6 Crustaceans Crustacés			
Buchanan, R., M.Sc.	55	Crustaceans, Taxonomy	Monitoring, Impact Assessment
Jamieson, G. S., Ph.D.	59	Crustaceans, Artificial Culture and Mariculture, Benthic Ecology	Research and Development, Monitoring, Impact Assessment
I. 7 Diseases and Parasites Maladies et Parasites			
Sheridan, A. L., B.Sc.	52	Fish Diseases, Invertebrate Populations	Surveys
I. 8 Ecology Ecologie			
Crippen, R. W., Ph.D.	13	Ecology, Taxonomy	Impact Assessment, Consulting
Gordon, C. D., Ph.D.	33	Arctic Biology, Ecology, Estuarine and Intertidal Ecology, Fisheries Assessment and Management	Consulting, Impact Assessment
Griffing, T. C., Ph.D.	45	Ecology	Impact Assessment
Hay, D. E., Ph.D.	57	Fisheries Biology, Ecology	Research and Development, Impact Assessment
Jenkins, B. W., M.Sc.	29	Fish, Ecology	Consulting, Impact Assessment
Marliave, J. B., Ph.D.	31	Marine Fisheries Ecology	Research and Development, Surveys
Spence, J., Ph.D.	37	Ecology	Consulting
Underwood, P., M.Sc.	57	Phytoplankton, Marine Ecology	Research and Development, Surveys
Vroom, P. R., M.Sc.	4	Estuarine Ecology	Impact Assessment
I. 9 Estuarine and Intertidal Ecology Ecologie des Estuaires et de la Zone Intercotidale			
Biggs, W. G., M.Sc.	28	Estuarine Ecology	Surveys, Impact Assessment, Consulting
Chantler, A., Ph.D.	30	Estuarine Flushing Processes	Surveys
Gordon, C. D., Ph.D.	33	Arctic Biology, Ecology, Estuarine and Intertidal Ecology, Fisheries Assessment and Management	Consulting, Impact Assessment
Kistriz, R. U., M.Sc.	28	Estuarine and Intertidal Ecology	Surveys, Impact Assessment, Consulting
Martin, Linda C., B.Sc.	34	Arctic Biology, Estuarine and Intertidal Ecology, Arctic Oceanography	Consulting, Impact Assessment
Vroom, P. R., M.Sc.	5	Estuarine Ecology	Impact Assessment
I. 10 Fish Poissons			
Bain, H., M.Sc.	55	Fish	Surveys, Impact Assessment
Bradley, G. M., B.Sc.	33	Arctic Biology, Fish	Consulting, Impact Assessment

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Carmichael, J. R., B.Sc.	52	Habitat Assessment, Salmon Biology	Impact Assessment
Collins, N. H., B.Sc.	61	Fisheries	Impact Assessment, Surveys, Monitoring
Fanning, M. L., B.Sc.	45	Fish	Surveys
Griffiths, W., M.Sc.	55	Anadromous Fish	Surveys, Impact Assessment
Hay, D. E., Ph.D.	57	Fisheries Biology, Ecology	Research and Development, Impact Assessment
Jenkins, B. W., M.Sc.	29	Fish, Ecology	Consulting, Impact Assessment
Loucks, R. H., Ph.D.	68	Interdisciplinary Studies, Physical Oceanography, Fisheries Populations, Tides and Surges	Consulting, Research and Development, Impact Assessment
Poulin, V. A., B.Sc.	33	Arctic Biology, Fish	Consulting, Impact Assessment
Sekerak, A. D., Ph.D.	55	Fish	Surveys, Impact Assessment
Vladykov, V. D., Ph.D.	16	Biology and Fish Culture of American Eel, Taxonomy of Estuarial Fishes: Lampreys, Sturgeons, Salmonids	Consulting, Research and Development
1.11 Fisheries Assessment and Management Gestion des Pêcheries			
Dickson, I. W., Ph.D.	49	Fisheries Management and Development, International Aspects, Environmental Studies	Consulting, Impact Assessment
Gordon, C. D., Ph.D.	33	Arctic Biology, Ecology, Estuarine and Intertidal Ecology, Fisheries Assessment and Management	Consulting, Impact Assessment
Hayden, W., M.Sc.	49	Fisheries Management and Development, Environmental Studies	Consulting, Impact Assessment, Monitoring, Surveys
Jemmett, J. A., B.Sc.	62	Aquatic Biology, Fisheries Assessment and Management	Consulting, Impact Assessment, Research and Development
Lister, D. B., B.Sc.	29	Fisheries Assessment and Management, Population Studies	Consulting, Impact Assessment
Tibbo, S. N., M.A.	34	Fisheries Assessment and Management	Consulting
1.12 Invertebrates Invertébrés			
Beak, T. W., B.Sc.	45	Invertebrates	Consulting
Hepburn, M. B., B.Sc.	4	Invertebrate Biology	Surveys
Hoos, L. M., M.Sc.	31	Invertebrate Zoology	Impact Assessment
Low, C. J., Ph.D.	29	Benthic Ecology, Invertebrates, Taxonomy and Systematics	Consulting, Impact Assessment
Pakula, Z., B.Sc.	15	Invertebrates	Surveys
Sheridan, A. L., B.Sc.	52	Fish Diseases, Invertebrate Populations	Surveys
Thomson, D., M.Sc.	55	Benthic Invertebrates, Taxonomy	Monitoring, Impact Assessment

Name -- Nom	Firm -- Firme	Speciality -- Spécialité	Activity -- Activité
1.13 Mammals Mammifères			
Fraker, M. A., M.A.	34	Arctic Biology, Mammals	Consulting, Impact Assessment
1.14 Microbiology Microbiologie			
Murray, A. D., M.Sc.	10	Microbiology	Research and Development
Olmsted, W. R., B.Sc.	33	Arctic Biology, Benthic Ecology, Microbiology, Population Studies	Consulting, Impact Assessment
1.15 Mollusks Mollusques			
1.16 Physiology Physiologie			
Duval, W. S., Ph.D.	33	Physiology, Phytoplankton, Productivity, Zooplankton	Consulting, Impact Assessment
Janssen, R. G., M.Sc.	31	Fish Physiology	Research and Development, Testing
Milne, D. J., Ph.D.	43	Environmental Marine Physiology	Research, Consulting
1.17 Phytoplankton Phytoplancton			
Duval, W. S., Ph.D.	33	Physiology, Phytoplankton, Productivity, Zooplankton	Consulting, Impact Assessment
Foy, M., B.Sc.	55	Phytoplankton, Taxonomy	Monitoring, Surveys
Robarts, R. D., Ph.D.	13	Phytoplankton Productivity	Consulting
Underwood, P., M.Sc.	57	Phytoplankton, Marine Ecology	Research and Development, Surveys
1.18 Population Studies Etudes des Populations			
Lister, D. B., B.Sc.	29	Fisheries Assessment and Management, Population Studies	Consulting, Impact Assessment
Loucks, R. H., Ph.D.	68	Interdisciplinary Studies, Physical Oceanography, Fisheries Populations, Tides and Surges	Consulting, Research and Development, Impact Assessment
Olmsted, W. R., B.Sc.	33	Arctic Biology, Benthic Ecology, Microbiology, Population Studies	Consulting, Impact Assessment
Ricker, W. E., Ph.D.	28	Population Studies	Consulting, Research and Development
Sharp, G. J., Ph.D.	59	Algae, Artificial Culture and Mariculture, Population Studies	Research and Development, Monitoring, Surveys
Sheridan, A. L., B.Sc.	52	Fish Diseases, Invertebrate Populations	Surveys
1.19 Productivity Productivité			
Robarts, R. D., Ph.D.	14	Phytoplankton, Productivity	Consulting
1.20 Taxonomy and Systematics Taxonomie et Systématique			
Aziz, V., B.Sc.	55	Zooplankton, Taxonomy	Monitoring, Surveys
Buchanan, R., M.Sc.	55	Crustaceans, Taxonomy	Monitoring, Impact Assessment

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Coustalin, J.B., Dipl. Biol. (Fr)	4	Taxonomy, Marine Biology	Consulting
Crippen, R. W., Ph.D.	13	Ecology, Taxonomy	Impact Assessment, Consulting
Cross, W., B.Sc.	55	Zooplankton, Taxonomy	Monitoring
Duval, W. S., Ph.D.	33	Physiology, Phytoplankton, Productivity, Zooplankton	Consulting, Impact Assessment
Ellis, D. V., Ph.D.	24	Benthic Ecology, Taxonomy and Systematics, General Pollution	Research and Development, Consulting
Foy, M., B.Sc.	55	Phytoplankton, Taxonomy	Monitoring, Surveys
Grohe, Catherine L., B.Sc.	40	Arctic Zooplankton, Taxonomy	Consulting
Low, C. J., Ph.D.	29	Benthic Ecology, Invertebrates, Taxonomy and Systematics	Consulting, Impact Assessment
Robarts, R. D., Ph.D.	13	Phytoplankton Productivity	Consulting
Stallard, H., M.Sc.	55	Zooplankton, Taxonomy	Monitoring
Thomson, D., M.Sc.	55	Benthic Invertebrates, Taxonomy	Monitoring, Impact Assessment
Vladykov, V. D., Ph.D.	16	Biology and Fish Culture of American Eel, Taxonomy of Estuarial Fishes: Lampreys, Sturgeons, Salmonids	Research and Development
1.21 Zooplankton Zooplancton			
Aziz, V., B.Sc.	55	Zooplankton, Taxonomy	Monitoring, Surveys
Cross, W., B.Sc.	55	Zooplankton, Taxonomy	Monitoring
Duval, W. S., Ph.D.	33	Physiology, Phytoplankton,	Consulting, Impact Assessment
Grohe, Catherine L., B.Sc.	40	Arctic Zooplankton, Taxonomy	Consulting
Stallard, H., M.Sc.	55	Zooplankton, Taxonomy	Monitoring
2.00 Chemistry Chimie			
2.1 General (Includes Specialized Areas Not Indexed) Général (Y Compris les Spécialités Non Mentionnées)			
Berrang, P. G., M.Sc.	70	Chemical Oceanography, Trace Metals	Manufacturing, Testing
Erickson, P. E., M.Sc.	70	Chemical Oceanography, Trace Metals	Consulting
Grant, W., B.Sc.	21	Physical and Chemical Oceanography	Monitoring
Green, D. R., Ph.D.	70	Chemical Oceanography, Hydrocarbons	Research and Development
LeGeyt, M., B.Sc., Ph.D.	21	Physical and Chemical Oceanography	Impact Assessment
MacGregor, C. D. R., M.Eng.	59	Chemical Oceanography	Surveys, Impact Assessment
Silvester, M. D., Ph.D.	10	Chemical Oceanography, Environmental Quality	Research and Development, Testing

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Thomas, D. J., M.Sc.	70	Chemical Oceanography, Trace Metals	Research and Development
Twaites, B. L., Dipl. Chem.	21	Physical and Chemical Oceanography	Monitoring, Impact Assessment
2. 2 Air-Sea Interaction Interaction Océan-Atmosphère			
2. 3 Biochemistry Biochimie			
Knutson, L. B., B.Sc.	58	Polysaccharide Biochemistry	Research and Development
Sverre, S. F., M.Sc.	28,29	Artificial Culture and Mariculture, Biochemistry, Pollution	Consulting, Research and Development
Vigers, G. A., Ph.D.	31	Biochemistry, Aquatic Toxicology	Research and Development, Impact Assessment
2. 4 Geochemistry Géochimie			
MacKnight, S. D., Ph.D.	57	Geochemistry, Sediment-water Interaction	Research and Development, Impact Assessment
Pogorski, L. A., Ph.D.	22	Geochemistry	Research and Development, Surveys, Exploration, Consulting
Quirt, S., Ph.D.	22	Geochemistry	Research and Development, Surveys, Exploration, Consulting
Rauwerda, P. J., Ph.D.	69	Geochemistry, Geology, Mineral and Petroleum Resources, Bathymetry	Consulting, Exploration, Research and Development
2. 5 Inorganic Chemistry Chimie Inorganique			
Berrang, P. G., M.Sc.	70	Chemical Oceanography, Trace Metals	Manufacturing, Testing
Erickson, P. E., M.Sc.	70	Chemical Oceanography, Trace Metals	Consulting
Thomas, D. J., M.Sc.	70	Chemical Oceanography, Trace Metals	Research and Development
2. 6 Isotope Chemistry Chimie des Isotopes			
2. 7 Nutrient Chemistry Chimie Nutritive			
2. 8 Organic Chemistry Chimie Organique			
Purves, W. F., M.Sc.	5	Petroleum Pollution	Testing
2. 9 Physical Chemistry Chimie Physique			
2.10 Toxicology Toxicologie			
Vigers, G. A., Ph.D.	31	Biochemistry, Aquatic Toxicology	Research and Development, Impact Assessment
3.00 Computer Applications Application d'Ordinateur			
3. 1 General (Includes Specialized Areas Not Indexed) Général (Y Compris les Spécialités Non Mentionnées)			
Hupé, M., M.A.	72	Computer Applications	Monitoring
Scrimger, P., B.Sc., M.Sc.	64	Hydrography, Physical Oceanography, Computer Applications	Surveys, Research and Development

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Strobach, P., M.A.	72	Computer Applications	Monitoring
3. 2 Data Processing Traitement des Données			
Bejar, J. A., Ph.D.	74	Data Acquisition and Processing, Micro Processing, Control Systems	Research and Development
Benneworth, N., B.Eng., M.Sc.	16	Data Processing, Modelling	Consulting
Bhattacharya, P. J., Ph.D. P.Eng.	63	Data Processing	Consulting, Surveys
Chang, P. Y. K., M.Sc.	6	Physical Oceanography, Data Processing, Time-Series Analysis, Modelling	Research and Development, Surveys, Consulting
Coolen, M. E., B.Eng.	59	Ocean Engineering, Currents, Data Processing	Consulting, Design
d'Apollonia, S., B.Sc.	39	Data Handling	Surveys
Simpkin, P. G., Ph.D.	44	Data Processing, Acoustics	Research and Development
Smith, R. E., B.Sc.	68	Interdisciplinary Studies, Petroleum Pollution, Heavy Metals, Data Processing	Consulting, Impact Assessment, Surveys
Stewart, K. A.	71	Data Processing	Surveys
Teh, G. C., B.Sc. (Hons)	74	Data Acquisition and Processing Systems, Electronics	Strain Gauging and Analysis, Ultra Sonic Instrumentation, Prototype Equipment Design
3. 3 Modelling Modèle			
Alam, S., ing.	54	Processus côtiers, Glace de Mer, Pollution thermique, Modèles	Conseil
Benneworth, N., B.Eng., M.Sc.	16	Data Processing, Modelling	Consulting
Boivin, R., ing.	54	Marées et Houle, Sédimentologie, Processus côtiers, Estuaires, Intrusion saline, Modèles	Conseil
Boulangier, F., ing.	54	Pollution estuarienne, Marées et Houle, Navigation, Modèles	Conseil
Chang, P. Y. K., M.Sc.	6	Physical Oceanography, Data Processing, Time-Series Analysis, Modelling	Research and Development, Surveys, Consulting
Dalrymple, R., M.Sc.	45	Modelling	Consulting
Hausser, R., ing.	54	Structures et Processus des Régions côtières et littorales, Sédimentologie, Glace de Mer, Modèles	Conseil
Murphy, K. L., Ph.D.	45	Modelling	Consulting
3. 4 Time Series Analysis Analyse de Série Chronologique			
Chang, P. Y. K., M.Sc.	6	Physical Oceanography, Data Processing, Time-Series Analysis, Modelling	Research and Development, Surveys, Consulting

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
4.00 Engineering Techniques de l'Ingénieur			
4.1 General (Includes Specialized Areas Not Indexed) Général (Y Compris les Spécialités Non Mentionnées)			
Abdelnour, R., M.Sc.	5	Engineering	Research and Development
Adam, K. M., Ph.D., P.Eng.	49	Engineering Groundwater Waves	Consulting, Impact Assessment
Andrews, D. L., B.A.Sc.	78	Offshore Structures and Pipelines	Consulting
Ashley, S. C., B.Sc.	56	Engineering	Research and Development
Badura, J., M.A.Sc.	25	Engineering, Undersea Structures	Research and Development, Consulting
Bejar, J. A., Ph.D.	74	Data Acquisition and Processing, Micro Processing, Control Systems	Research and Development
Beran, W. T., B.Sc.	56	Engineering	Research and Development
Bergquist, A. J. R., B.Sc.	74	Offshore Oil Exploration and Equipment	Research and Development, Consulting
Bryson, C., A.M.I.Prod.E.	74	Design of Motion Compensation Systems for Towed Submersibles	Design
Campbell, D. S., P.Eng.	19	Electrical Engineering	Consulting
Cerigo, D. G., Ph.D., P.Eng.	20	Mineral and Petroleum Resources, Pollution, Engineering	Consulting
Crippa, R. A., B.Sc.	56	Engineering	Research and Development
Czerwinski, F. H., B.Sc.	56	Engineering	Research and Development
Davis, R. M., B.A.Sc.	78	Offshore Drilling Engineering	Consulting
DeJong, J., Ph.D.	56	Engineering	Research and Development
Dempsey, G., B.Sc.	56	Engineering	Research and Development
Dick, J., P.Eng.	8	Engineering, Food Processing	Research and Development, Manufacturing
Ellis, B. M., Ph.D., P.Eng.	32	Waste Water Process Engineering	Research and Development Consulting
Feller, M. D., B.A.Sc.	56	Engineering	Research and Development
Fischer, K. E., B.Sc.	56	Engineering	Research and Development
Flemming, L. N., B.Sc.	51	Hydrographic Surveys, Engineering	Surveys
Fletcher, N.J., M.A.Sc.	56	Engineering	Research and Development
Gelinas, P., Ph.D., Eng.	37	Geotechnical Engineering	Consulting
Gibb, G., Sc. ME/SS	19	Inspection	Surveys
Gibb, P. R., H.N.C.	56	Engineering	Research and Development
Graham, J. D., M.S., P.Eng.	73	Engineering, Submersible Manipulators	Research and Development

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Grundmann, W., H.T.L.	74	Sensing and Measurement of Marine Related Parameters, Electronic Control Circuits for Marine Applications	Mechanical and Electronic Design
Hutchinson, J. R., H.N.C.	56	Engineering	Research and Development
Houghton, F., B.Sc.	56	Engineering	Research and Development
Jandali, T., Ph.D., P.Eng.	33	Engineering, Meteorology, Fluid Dynamics	Consulting, Impact Assessment
Jutras, R. A., rmc	56	Engineering	Research and Development
Kellogg, F.E., B.A.Sc.	74	Electronic Controls for Instrumentation Systems, Data Acquisition Systems	Testing and Monitoring, Prototype Equipment Design
King, J. E., H.N.C.	56	Engineering	Research and Development
Knowles, D. W., B.A.Sc.	25	Engineering	Research and Development, Consulting
Kuzenko, W. R., B.Sc., B.A.Sc.	74	Electronic and Electrical Instrumentation for Marine Applications	Design, Testing and Monitoring
Lo, K. K., B.Sc.	56	Engineering	Research and Development
MacGillivray, K. J., B.A.Sc.	78	Offshore Drilling	Consulting
McBeth, R.A., B.A.Sc.	78	Offshore Drilling Feasibility Studies	Consulting
McLean, A.Y., Ph.D.	59	Engineering, Environmental Quality	Impact Assessment, Project Management
Mouat, T. W., M.Sc., P.Eng.	74	Analysis of Mechanical and Physical Systems	Prototype Equipment, Design and Construction
Nadreau, J. -P., M.Sc.	5	Engineering	Research and Development
Nawwar, A., Ph.D.	5	Engineering	Research and Development
Ostick, C., H.N.C.	56	Engineering	Research and Development
Permut, A. H., M.Sc., P.Eng.	49	Engineering, General Pollution	Consulting, Impact Assessment
Petrov, D., ME., B.El. Eng.	9	Magnetism, Towed Bodies, Underwater Support for Divers	Monitoring, Design
Sanders, R. J., M.I.Mech.E., A.F.R.Ac.S., P.Eng.	74	Equipment Design for Marine Applications, Stress/strain Measurements	Research and Development, Design of Motion Compensated Structures and Mechanisms
Shgal, T., M.S., P.Eng.	73	Engineering, Submersible Manipulators	Research and Development
Siletti, C. F., P.Eng.	58	Aquaculture Engineering	Research and Development
Simr, C. J., B.Eng., M.B.A.	78	Offshore Drilling Rig Construction	Consulting
Stewart, M. J., Ph.D., P.Eng.	6	Nearshore Processes and Structures, Surveys, Engineering, General Pollution	Surveys, Monitoring, Impact Assessment, Consulting

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Teh, G. C., B.Sc. (Hons)	74	Data Acquisition and Processing Systems, Electronics	Strain Gauging and Analysis, Ultra Sonic Instrumentation, Prototype Equipment Design
Thomas, W. D. R., M.Sc., M.I.Mech.E., C.Eng.	74	Motion Dynamics, High Sea State Motion Compensating Handling Systems, Hydraulic System Design	Research and Development of Prototype Mechanical Systems
Topf, U. A., M.A.Sc.	56	Engineering	Research and Development
Tripp, B., M.A.Sc.	25	Engineering, Wave Energy	Research and Development, Consulting
Walker, W. W., B.Sc.	56	Engineering	Research and Development
Watts, J. S., B.Sc.	78	Offshore Drilling Rigs	Consulting
4. 2 Marine Engineering Mécanique Navale			
Dawson, E. J., P.Eng.	19	Marine Engineering	Consulting
Dow, J., B.E., P.Eng.	81	Harbour Construction, Marine Surveys	Consulting, Surveys
Eirisch, K., P.Eng.	81	Harbour Development	Consulting
Franklin, D. H., B.E., P.Eng.	81	Marine Structures	Consulting
Giddens, H. K., B.E., P.Eng.	81	Harbour Development	Consulting
Hunter, G. T., B.Sc., M.Sc., P.Eng.	3	Coastal Process and Structure	Consulting, Impact Assessment
Maddock, W., P.Eng.	19	Marine Engineering	Consulting
Nawwar, A., Ph.D.	5	Engineering	Research and Development
Stricker, P. A., M.A.Sc., P.Eng.	74	Analysis and Design of Control Systems, Hydraulic System Design	Design, Research and Development
Tanner, R. G., M.Eng.	2	Marine Structural Projects	Consulting
4. 3 Mechanical and Civil Engineering Génie Mécanique et Civil			
Escher, G., P.Eng., M.Sc.	8	Mechanical Engineering	Research and Development, Manufacturing
Fernandez, A., P.Eng.	19	Civil Engineering	Consulting
Fraser, F. S., B.A.Sc., P.Eng.	74	Electrical/Mechanical Design	Consulting, Administration
Hallett, D., B.Sc.	37	Civil Engineering, Engineering Geology	Consulting
Hebden, R. H., P.Eng.	19	Mechanical Engineering	Consulting
Saunders, R. L., B.A.Sc., P.Eng.	74	Stress/strain Measurements	Consulting, Strain Gauging
4. 4 Ocean Engineering Génie Océanographique			
Allan, R., M.Sc.	5	Navigation	Consulting
Allen, J. H., Ph.D., P.Eng.	57	Ocean Engineering, Mariculture	Research and Development, Design

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Coolen, M. E., B.Eng.	59	Ocean Engineering, Currents, Data Processing	Consulting, Design
Edwards, R., Jr., M.Sc.	5	Navigation	Research and Development
German, R. B., B.Sc., P.Eng.	38	Geotechnique, Arctic Engineering, Ocean Mining	Exploration, Consulting, Research and Development
Mills, R. G., B.Sc., P.Eng.	81	Ocean Engineering	Consulting
Warner, J. L., Ph.D.	59	Ocean Engineering, Waves, Tides and Surges, Circulation	Consulting, Design
4. 5 Arctic Arctique			
Brzezinski, L. S., M.Sc., P.Eng.	38	Geotechnique, Arctic Engineering	Consulting, Research and Development
Ehrenreich, S., B.Sc., P.Eng.	42	Arctic Offshore Engineering	Research and Development
German, R. B., B.Sc., P.Eng.	38	Geotechnique, Arctic Engineering, Ocean Mining	Exploration, Consulting, Research and Development
Haider, S., M.Sc.	42	Arctic Geotechnical Engineering	Surveys
Hnatiuk, J., B.Eng., P.Eng.	42	Arctic Environmental Research	Project Management
Kivisild, H.R., D.Eng.	32	Arctic Offshore Engineering	Consulting
Matich, M. A. J., M.Sc., P.Eng.	38	Geotechnique, Arctic Engineering, Coastal	Consulting, Research and Development
Nadreau, J. -P., M.Sc.	5	Engineering	Research and Development
Penel, J., M.Sc.	32	Arctic Fluid Mechanics	Consulting
Trickett, W., B.Sc., B.Eng., P.Eng.	42	Arctic Research Development	Project Management
Wasilewski, B., B.Eng., P.Eng.	42	Arctic Offshore Engineering	Research and Development
4. 6 Coastal Côtière			
Alam, S., ing.	54	Processus côtiers, Glace de Mer, Pollution thermique, Modèles	Conseil
Boivin, R., ing.	54	Marées et Houle, Sédimentologie, Processus côtiers, Estuaires, Intrusion saline, Modèles	Conseil
Hay, D., M.Sc.	30	Coastal Hydraulic Studies	Consulting
Maclean, D. G., M.Eng., P.Eng.	6	Nearshore Structures, Outfalls, Engineering	Consulting
Matich, M. A. J., M.Sc., P.Eng.	38	Geotechnique, Arctic Engineering, Coastal	Consulting, Research and Development
McDonald, V. I., B.Sc.	6	Nearshore Structures, Outfalls	Consulting
McLaren, W. A., M.Sc., P.Eng.	80	Coastal Engineering	Consulting

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Myers, R. M., M.Sc., P.Eng.	57	Coastal Protection, Sediment Transport	Research and Development, Design
Stewart, M. J., Ph.D., P.Eng.	6	Nearshore Processes and Structures, Surveys, Engineering, General Pollution	Surveys, Monitoring, Impact Assessment, Consulting
4. 7 Fixed Structures Ouvrages Fixes			
Abdelnour, R., M.Sc.	5	Engineering	Research and Development
4. 8 Ice Glace			
Alam, S., ing.	54	Processus côtiers, Glace de Mer, Pollution thermique, Modèles	Conseil
Croasdale, K. R., B.Sc. Eng.	46	Sea Ice, Ice Mechanics, Ice Forces	Research
Drapier Arsenault, Lyn, B.Sc.	75	Distribution and Movement of Sea Ice	Surveys
Hausser, R., ing.	54	Structures et Processus des Régions côtières et littorales, Sédimentologie, Glace de Mer, Modèles	Conseil
Kry, P. R., Ph.D.	46	Ice Mechanics, Ice Forces	Research
Masterson, D. M., Ph.D.	32	Ice Mechanics	Research and Development
Metge, M., M.Sc.	46	Ice Mechanics	Research
Rosenegger, L. W., M.Sc.	46	Ice Mechanics, Arctic Pollution	Research
Semeniuk, A., Ph.D.	46	Ice Forces	Research
Spedding, L. G., H.N.C.	46	Movement of Sea Ice	Research
Stevens, G. S., Ph.D.	46	Sea Ice, Ice Forces	Research
Trofimenkoff, P. N., Ph.D.	46	Sea Ice, Arctic Pollution	Research
Wright, B., M.Sc.	42	Arctic Oceanography, Sea Ice	Surveys
4. 9 Material Matériaux			
Rasmussen, M., M.Sc.	19	Materials	Research and Development
4.10 Offshore and Deep Sea Au Large et Grande Profondeur			
Andrews, D. L., B.A.Sc.	78	Offshore Structures and Pipelines	Consulting
Davis, R. M., B.A.Sc.	78	Offshore Drilling Engineering	Consulting
Ehrenreich, S., B.Sc., P.Eng.	42	Arctic Offshore Engineering	Research and Development
Graham, B. W., M.Sc.	46	Offshore Structures	Research
MacGillivray, K. J., B.A.Sc.	78	Offshore Drilling Rigs	Consulting
Marion, T. L., Ph.D.	46	Deep Sea Engineering	Research
McBeth, R. A., B.A.Sc.	78	Offshore Drilling Feasibility Studies	Consulting

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Simr, C. J., B.Eng., M.B.A.	78	Offshore Drilling Rig Construction	Consulting
Wasilewski, B., B.Eng., P.Eng.	42	Arctic Offshore Engineering	Research and Development
Watts, J. S., B.Sc.	78	Offshore Drilling Rigs	Consulting
4.11 Techniques Techniques			
Mallen, D. O., B.Sc.	45	Engineering Techniques	Consulting
Patry, J. C., P.Eng., B.Eng.	23	Test Engineering	Design, Testing
Timpany, P. L., M.Sc.	45	Engineering Techniques	Consulting
Tyler, M. A., B.Sc.	45	Engineering Techniques	Consulting
4.12 Undersea Structures Structures Sous-marines			
Badura, J., M.A.Sc.	25	Engineering, Undersea Structures	Research and Development, Consulting
4.13 Vessels and Floating Platforms Navires et Plates-formes Flottantes			
Case, J. N., P.Eng.	19	Ship Design	Consulting
Connors, F. M., P.Eng.	19	Hull Dynamics	Research and Development
Farrell, K. P., P.Eng.	19	Ship Design	Consulting
Hamilton, J. W., P.Eng.	19	Ship Design	Consulting
4.14 Wind and Wave Energy Energie des Vagues et du Vent			
5.00 Fisheries Engineering Génie Halieutique			
5.1 General (Includes Specialized Areas Not Indexed) Général (Y Compris les Spécialités Non Mentionnées)			
Grundman, W. A., B.Sc., P.Eng.	41	Fluid Dynamics, Towed Systems, Desalination Equipment	Consulting, Manufacturing, Research and Development
5.2 Fishing Gear Engins de Pêche			
Christison, S. G., P.Eng.	36	Fishing Gear	Research and Development
5.3 Food Processing Transformation des Aliments			
6.00 Geosciences and Geotechniques Sciences de la Terre et Géotechniques			
6.1 General (Includes Specialized Areas Not Indexed) Général (Y Compris les Spécialités Non Mentionnées)			
Andersson, B. H., M.Sc.	69	Geosciences, Arctic, Geology, Paleontology	Consulting, Exploration, Research and Development
Dolby, G., Ph.D.	69	Geosciences, Arctic, Geology, Paleontology	Consulting, Exploration, Research and Development
Drysdale, Janet, B.Sc.	37	Surficial Geology, Hydrogeology	Consulting

	Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
	Green, D. R., Ph.D.	70	Chemical Oceanography, Hydrocarbons	Research and Development
	Ménard, G., B.Sc.	37	Surficial Geology, Hydrogeology	Consulting
	Quinn, R., B.Sc., P.Eng.	76	Geophysics, Geology, Physical Oceanography, Bathymetry, Data Acquisition	Surveys, Consulting
	Rauwerda, P. J., Ph.D.	69	Geochemistry, Geology, Mineral and Petroleum Resources, Bathymetry	Consulting, Exploration, Research and Development
6. 2	Arctic Arctique			
	Andersson, B. H., M.Sc.	69	Geosciences, Arctic, Geology, Paleontology	Consulting, Exploration, Research and Development
	Dolby, G., Ph.D.	69	Geosciences, Arctic, Geology, Paleontology	Consulting, Exploration, Research and Development
	How, G. T. S., M.Sc., P.Eng.	49	Geosciences, Arctic	Consulting, Impact Assessment
	Hurwitz, L. E., M.Sc., P.Eng.	49	Geosciences, Arctic	Consulting, Impact Assessment
	Sangster, R. H. B., B.Sc.	46	Arctic Geoscience	Research
6. 3	Coastal and Nearshore Processes and Structures Structures et Processus des Régions Côtières et Zones Littorales			
	Hausser, R., ing.	54	Structures et Processus des Régions côtières et littorales, Sédimentologie, Glace de Mer, Modèles	Conseil
	Hay, D., M.Sc., P.Eng.	80	Coastal and Nearshore Processes and Structures	Consulting
	Philpott, K. L., P.Eng., Dip. H.E.	67	Coastal and Nearshore Processes and Structures	Consulting
	Stewart, J. McG., M.Sc.	39	Geology, Sedimentology, Coastal and Nearshore Processes and Structures	Consulting, Exploration
6. 4	Geology (General) Géologie (Général)			
	Anderson, B. H., M.Sc.	69	Geosciences, Arctic, Geology, Paleontology	Consulting, Exploration Research and Development
	Baird, D. E., B.Sc.	39	Geology, Geotechnique	Exploration
	Dolby, G., Ph.D.	69	Geosciences, Arctic, Geology, Paleontology	Consulting, Exploration Research and Development
	Hallett, D., B.Sc.	37	Civil Engineering, Engineering Geology	Consulting
	Lawson, D., B.Sc., M.Sc., Ph.D.	3	Geology and Sedimentology	Consulting, Research and Development
	Long, M. J. J., M. Geol.	39	Geology, Bathymetry	Consulting, Research and Development
	Meagher, L. J., B.Sc.	39	Geology, Bathymetry, Surveys	Consulting, Surveys
	Munro, G. H., B.Sc., M.B.A.	39	Marine Geology, Geophysics	Exploration

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Rauwerda, P. J., Ph.D.	69	Geochemistry, Geology, Mineral and Petroleum Resources, Bathymetry	Consulting, Exploration, Research and Development
Ricker, K. E., M.Sc.	28	Marine Geology	Consulting
Roed, M. A., Ph.D. P.Eng.	37	Bedrock Mapping, Sedimentation, Geomorphology	Consulting
Ruffman, A., M.Sc.	39	Geology, Geophysics, Bathymetry	Consulting, Research and Development
Stewart, J. McG., M.Sc.	39	Geology, Sedimentology, Coastal and Nearshore Processes and Structures	Consulting, Exploration
6. 5 Geomagnetism Géomagnétisme			
6. 6 Geomorphology Géomorphologie			
Roed, M.A., Ph.D., P.Eng.	37	Bedrock Mapping, Sedimentation, Geomorphology	Consulting
Stephen, W. J., Ph.D.	11	Geomorphology, Sedimentology	Impact Assessment, Consulting
6. 7 Geophysics (General) Géophysique (Général)			
Danyluk, D. M., B.Sc.	53	Geophysics	Surveys
Dundas, T. R. B., M.Sc. P.Geoph.	53	Geophysics	Surveys
Fellows, J. D.	53	Geophysics	Surveys
Kronberger, F. P.	71	Geophysics	Exploration
Lewis, J. F., M.Sc.	44	Geophysics	Surveys
McGee, T. M., M.A.Sc.	77	Geophysics	Surveys
Munro, G. H., B.Sc., M.B.A.	39	Marine Geology, Geophysics	Exploration
Nowak, R. L., Ph.D., P.Eng.	38	Geophysics, Geotechnique	Consulting, Research and Development
Quinn, R., B.Sc., P.Eng.	76	Geophysics, Geology, Physical Oceanography, Bathymetry, Data Acquisition	Surveys, Consulting
Ruffman, A., M.Sc.	39	Geology, Geophysics, Bathymetry	Consulting, Research and Development
Van Wyck, D., B.Sc.	53	Geophysics	Surveys
6. 8 Geotechniques Géotechniques			
Baird, D. E., B.Sc.	38	Geology, Geotechnique	Exploration
Brzezinski, L. S., M.Sc., P.Eng.	38	Geotechnique, Arctic Engineering	Consulting, Research and Development
German, R. B., B.Sc., P.Eng.	38	Geotechnique, Arctic Engineering, Ocean Mining	Exploration, Consulting, Research and Development
Matich, M. A. J., M.Sc. P.Eng.	38	Geotechnique, Arctic Engineering, Coastal	Consulting, Research and Development

	Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
	Nowak, R. L., Ph.D., P.Eng.	38	Geophysics, Geotechnique	Consulting, Research and Development
6.9	Gravity Gravité			
6.10	Hydrogeology Hydrogéologie			
	Drysdale, Janet, B.Sc.	37	Surficial Geology, Hydrogeology	Consulting
	Ménard, G., B.Sc.	37	Surficial Geology, Hydrogeology	Consulting
	Stiebel, W., M.Sc.	37	Hydrogeology and Water Quality	Consulting
6.11	Mineral and Petroleum Resources Ressources Pétrolières et Minérales			
	Cerigo, D. G., Ph.D., P.Eng.	20	Mineral and Petroleum Resources, Pollution, Engineering	Consulting
	LaBorde, K. T., B.Sc.	69	Mineral and Petroleum Resources, Paleontology, Sedimentology, Bathymetry	Consulting, Exploration, Research and Development
	Rauwerda, P. J., Ph.D.	69	Geochemistry, Geology, Mineral and Petroleum Resources, Bathymetry	Consulting, Exploration, Research and Development
6.12	Paleontology Paléontologie			
	Andersson, B. H., M.Sc.	69	Geosciences, Arctic, Geology, Paleontology	Consulting, Exploration, Research and Development
	Dolby, G., Ph.D.	69	Geosciences, Arctic, Geology, Paleontology	Consulting, Exploration, Research and Development
	LaBorde, K. T., B.Sc.	69	Mineral and Petroleum Resources, Paleontology, Sedimentology, Bathymetry	Consulting, Exploration, Research and Development
6.13	Petrology Pétrologie			
6.14	Sedimentology Sédimentologie			
	Boivin, R., ing.	54	Marées et Houle, Sédimentologie, Processus côtiers, Estuaires, Intrusion saline, Modèles	Conseil
	Lawson, D., B.Sc., M.Sc., Ph.D.	3	Geology and Sedimentology	Consulting, Research and Development
	LaBorde, K. T., B.Sc.	69	Mineral and Petroleum Resources, Paleontology, Sedimentology, Bathymetry	Consulting, Exploration, Research and Development
	Macdonald, R. D., M.A.Sc.	77	Sedimentology	Surveys
	MacKnight, S. D., Ph.D.	58	Geochemistry, Sediment-Water Interaction	Research and Development, Impact Assessment
	Roed, M. A., Ph.D., P.Eng.	37	Bedrock Mapping, Sedimentation, Geomorphology	Consulting
	Stephen, W. J., Ph.D.	11	Geomorphology, Sedimentology	Impact Assessment, Consulting
	Stewart, J. McG., M.Sc.	40	Geology, Sedimentology, Coastal and Nearshore Processes and Structures	Consulting, Exploration

	Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
	Tambouri, A., Ph.D.	30	Sedimentation	Consulting
6.15	Seismology Sismologie			
7.00	Hydrography and Resources Mapping Hydrographie et Cartographie des Ressources			
7.1	General (Includes Specialized Areas Not Indexed) Général (Y Compris les Spécialités Non Mentionnées)			
	Lawther, G. H.	6	Hydrography, Bathymetry, Surveys, Human Underwater Physiology	Surveys, Consulting
	Lock, D. F., B.Sc.	64	Hydrography, Physical Oceanography	Surveys
	Scrimger, P., B.Sc., M.Sc.	64	Hydrography, Physical Oceanography, Computer Applications	Surveys, Research and Development
7.2	Bathymetry Bathymétrie			
	Bishop, B. R., B.Sc. P.Eng. D.L.S.	17	Navigation, Bathymetry	Consulting, Surveys
	LaBorde, K. T., B.Sc.	69	Mineral and Petroleum Resources, Paleontology, Sedimentology, Bathymetry	Consulting, Exploration, Research and Development
	Lawther, G. H.	6	Hydrography, Bathymetry, Surveys, Human Underwater Physiology	Surveys, Consulting
	Long, M. J. J., M.Geol.	39	Geology, Bathymetry	Consulting, Research and Development
	Meagher, L. J., B.Sc.	39	Geology, Bathymetry, Surveys	Consulting, Surveys
	Quinn, R., B.Sc., P.Eng.	76	Geophysics, Geology, Physical Oceanography, Bathymetry, Data Acquisition	Surveys, Consulting
	Rauwerda, P. J., Ph.D.	69	Geochemistry, Geology, Mineral and Petroleum Resources, Bathymetry	Consulting, Exploration, Research and Development
	Ruffman, A., M.Sc.	39	Geology, Geophysics, Bathymetry	Consulting, Research and Development
7.3	Shoreline Mapping Cartographie des Lignes du Rivage			
	Rampton, V. K.	37	Permafrost, Shoreline Mapping	Consulting
7.4	Surveys Levés			
	Dow, J., B.E., P.Eng.	81	Harbour Construction, Marine Surveys	Consulting, Surveys
	Flemming, L. N., B.Sc.	51	Hydrographic Surveys, Engineering	Surveys
	Lawther, G. H.	6	Hydrography, Bathymetry, Surveys, Human Underwater Physiology	Surveys, Consulting
	Meagher, L. J., B.Sc.	39	Geology, Bathymetry, Surveys	Consulting, Surveys
	Plint, A. L., P.Eng.	19	Surveying	Surveys
	Stewart, M. J., Ph.D., P.Eng.	6	Nearshore Processes and Structures, Surveys, Engineering, General Pollution	Surveys, Monitoring, Impact Assessment, Consulting

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Tait, R.	51	Hydrographic Surveys	Surveys
Wright, A.	51	Hydrographic Surveys	Surveys
8.00 Instrumentation Instruments			
Dunne, M., B.Sc.	5	Instrumentation	Testing
Eryou, N. D., Ph.D., P.Eng.	23	Instrumentation	Consulting
Hosie, A., M.Sc.	44	Instrumentation	Research and Development
Isaacs, P. J., B.A.Sc.	23	Electronic Instrumentation	Design, Manufacturing
Kennedy, J. J., M.A.Sc.	77	Instrumentation	Research and Development, Surveys
Leggatt, C. D.	10	Instrumentation	Surveys, Testing
Snape, F., Ph.D.	66	Pollution, Instrumentation	Monitoring
Strilchuk, A., Ph.D.	46	Ice Instrumentation	Research
Tillson, L. J. P. T.,	25	Instrumentation	Research and Development,
Young, G. D. P.Eng. B.A.Sc.	1	Electronics	Design Consulting
Williams, R. I., B.Sc.	64	Instrumentation	Research and Development
Windeyer, T., B.A.	57	Instrumentation	Surveys
Young, G. D., P.Eng.	1	Electronics	Design
9.00 Meteorology Météorologie			
Buxton, E. B.	60	Meteorology	Consulting
Davison, D. S., Ph.D.	48	Meteorology, Air-Sea Interaction	Consulting, Research and Development
de Chancenotte, R.	60	Meteorology	Consulting
Jandali, T., Ph.D., P.Eng.	33	Engineering, Meteorology, Fluid Dynamics	Consulting, Impact Assessment
Leech, M. E., M.Sc.	60	Meteorology	Consulting
10.00 Navigation Navigation			
Allan, R., M.Sc.	5	Navigation	Consulting
Bishop, B. R., B.Sc. P.Eng. D.L.S.	17	Navigation, Bathymetry	Consulting, Surveys
Boulanger, F., ing.	54	Pollution estuarine, Marées et Houle, Navigation, Modèles	Conseil
Edwards, R., Jr., M.Sc.	5	Navigation	Research and Development
Parkinson, F. E., ing.	54	Navigation, Processus côtiers, Pollution estuarine	Conseil
Steele, M., B.Sc.	5	Navigation	Testing

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
11.00 Physical Oceanography Océanographie Physique			
11.1 General (Includes Specialized Areas Not Indexed) Général (Y Compris les Spécialités Non Mentionnées)			
Avis, R., M.Sc.	28,29	Physical Oceanography	Consulting, Research and Development, Surveys, Monitoring
Boston, N. E. J., Ph.D.	12	Physical Oceanography	Consulting
Buckingham, W. R., M.Sc.	26	Physical Oceanography	Consulting, Research and Development
Cameron, W. M., Ph.D.	14	Physical Oceanography, Arctic, Coastal	Consulting, Research and Development
Chang, P. Y. K., M.Sc.	6	Physical Oceanography, Data Processing, Time-Series Analysis, Modelling	Research and Development, Surveys, Consulting
Davidson, L. W., M.Sc.	32	Physical Oceanography	Surveys
De Lange Boom, B., M.Sc.	70	Physical Oceanography	Consulting
Foster, L. A., M.Sc.	35	Physical Oceanography	Consulting, Surveys
Grant, W., B.Sc.	21	Physical and Chemical Oceanography	Monitoring
Holden, B. J., M.A., M.Eng.	57	Physical Oceanography, Currents	Research and Development, Data Processing
LeGeyt, M., B.Sc., Ph.D.	21	Physical and Chemical Oceanography	Impact Assessment
Lock, D. F., B.Sc.	64	Hydrography, Physical Oceanography	Surveys
MacLaren, W. A., M.Sc.	30	Coastal Tides and Currents	Consulting
Mouratidis, H. C., Ph.D.	12	Physical Oceanography	Consulting
Myers, R. M., M.Sc., P.Eng.	57	Coastal Protection, Sediment Transport	Research and Development, Design
Quinn, R., B.Sc., P.Eng.	76	Geophysics, Geology, Physical Oceanography, Bathymetry, Data Acquisition	Surveys, Consulting
Twaites, B. L., Dipl. Chem.	21	Physical and Chemical Oceanography	Monitoring, Impact Assessment
Webster, I. T., M.Sc.	26	Physical Oceanography	Consulting, Research and Development
Wilson, S. E. G., B.Sc.	46	Oceanography	Research
11.2 Acoustics Acoustique			
Hutchins, R. W., B.Sc.	44	Acoustics	Research and Development
Scrimger, J. A., Ph.D.	64	Acoustics	Consulting
Simpkin, P. G., Ph.D.	44	Data Processing, Acoustics	Research and Development
11.3 Air-Sea Interaction Interaction Océan-Atmosphère			
Davison, D. S., Ph.D.	48	Metcorology, Air-Sea Interaction	Consulting, Research and Development

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
11. 4 Arctic Arctique			
Cameron, W. M., Ph.D.	14	Physical Oceanography, Arctic, Coastal	Consulting, Research and Development
Croal, J. P., L/Cdr., C.D. R.C.N. (Ret'd)	23	Arctic Oceanography	Consulting, Exploration, Monitoring, Testing
Martin, Linda C., B.Sc.	33	Arctic Biology, Estuarine and Intertidal Ecology, Arctic Oceanography	Consulting, Impact Assessment
McDonald, J. W., M.Sc.	33	Arctic Oceanography, Coastal, Synoptic and Descriptive	Consulting, Impact Assessment
Verily, P. H., B.Sc.	46	Arctic Oceanography	Research
Wright, B., M.Sc.	42	Arctic Oceanography, Sea Ice	Surveys
11. 5 Circulation Circulation			
Cambers, G., Ph.D.	33	Circulation, Coastal, Tides and Surges, Waves	Consulting, Impact Assessment
Coolen, M. E., B.Eng.	59	Ocean Engineering, Currents, Data Processing	Consulting, Design
Holden, B. J., M.A., M.Eng.	57	Physical Oceanography, Currents	Research and Development, Data Processing
Warner, J. L., Ph.D.	59	Ocean Engineering, Waves, Tides and Surges, Circulation	Consulting, Design
11. 6 Coastal Côtière			
Cameron, W. M., Ph.D.	14	Physical Oceanography, Arctic, Coastal	Consulting, Research and Development
Hausser, R., ing.	54	Structures et Processus des Régions côtières et littorales, Sédimentologie, Glace de Mer, Modèles	Conseil
McDonald, J. W., M.Sc.	33	Arctic Oceanography, Coastal, Synoptic and Descriptive	Consulting, Impact Assessment
Parkinson, F. E., ing.	54	Navigation, Processus côtiers, Pollution estuarine	Conseil
11. 7 Fluid Dynamics Dynamique des Fluides			
Grundman, W. A., B.Sc., P.Eng.	41	Fluid Dynamics, Towed Systems, Desalination Equipment	Consulting, Manufacturing, Research and Development
Jandali, T., Ph.D., P.Eng.	33	Engineering, Meteorology, Fluid Dynamics	Consulting, Impact Assessment
11. 8 Sea Ice Glace de Mer			
11. 9 Synoptic and Descriptive Synoptique et Descriptive			
Kristmanson, D. D., Ph.D.	61	Descriptive Oceanography	Consulting

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
McDonald, J. W., M.Sc.	34	Arctic Oceanography, Coastal, Synoptic and Descriptive	Consulting, Impact Assessment
McGonigal, D. W., B.Eng.	61	Descriptive Oceanography	Impact Assessment, Surveys, Monitoring
11.10 Theoretical Théorique			
11.11 Tides and Surges Marées et Houle			
Boivin, R., ing.	54	Marées et Houle, Sédimentologie, Processus côtiers, Estuaires, Intrusion saline, Modèles	Conseil
Boulanger, F., ing.	54	Pollution estuarine, Marées et Houle, Navigation, Modèles	Conseil
Cambers, G., Ph.D.	33	Circulation, Coastal, Tides and Surges, Waves	Consulting, Impact Assessment
Loucks, R. H., Ph.D.	68	Interdisciplinary Studies, Physical Oceanography, Fisheries Populations, Tides and Surges	Consulting, Research and Development, Impact Assessment
MacLaren, W. A., M.Sc.	30	Coastal Tides and Currents	Consulting
Warner, J. L., Ph.D.	59	Ocean Engineering, Waves, Tides and Surges, Circulation	Consulting, Design
11.12 Waves Ondes			
Adam, K. M., Ph.D., P.Eng.	49	Engineering Groundwater Waves	Consulting, Impact Assessment
Cambers, G., Ph.D.	34	Circulation, Coastal, Tides and Surges, Waves	Consulting, Impact Assessment
Tripp, B., M.A.Sc.	25	Engineering, Wave Energy	Research and Development, Consulting
Vanicperen, M. P., Ph.D.	47	Waves	Consulting
Warner, J. L., Ph.D.	59	Ocean Engineering, Waves, Tides and Surges, Circulation	Consulting, Design
12.00 Pollution Pollution			
12.1 General (Includes Specialized Areas Not Indexed) Général (Y Compris les Spécialités Non Mentionnées)			
Alan, S., ing.	54	Processus côtiers, Glace de Mer, Pollution thermique, Modèles	Conseil
Apostoli, P., P.Eng.	31	Pollution Control	Consulting
Arsenault, Lorraine, B.Sc.	7	Pollution	Testing
Bethel, G., M.Sc.	4	Marine Pollution	Surveys
Boulanger, F., ing.	54	Pollution estuarine, Marées et Houle, Navigation, Modèles	Conseil
Canning, R. P., P.Eng.	61	Marine Pollution	Impact Assessment, Surveys Monitoring
Cerigo, D. G., Ph.D., P.Eng.	20	Mineral and Petroleum Resources, Pollution, Engineering	Consulting

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
Ellis, D. V., Ph.D.	24	Benthic Ecology, Taxonomy and Systematics, General Pollution	Research and Development, Consulting
Erickson, P. E., M.Sc.	70	Chemical Oceanography, Trace Metals	Consulting
Hodd, S. L., M.Eng.	13	Pollution	Impact Assessment
Noulard, D., B.A.Sc., M.B.A.	72	Pollution	Impact Assessment
Rosenegger, L. W., M.Sc.	46	Ice Mechanics, Arctic Pollution	Research
Parkinson, F. E., ing.	54	Navigation, Processus côtiers, Pollution estuarine	Conseil
Permut, A. H., M.Sc., P.Eng.	49	Engineering, General Pollution	Consulting, Impact Assessment
Piotte, S. Y., Ph.D.	72	Pollution	Impact Assessment
Smith, R. E., B.Sc.	68	Interdisciplinary Studies, Petroleum Pollution, Heavy Metals, Data Processing	Consulting, Impact Assessment, Surveys
Snape, F., Ph.D.	66	Pollution, Instrumentation	Monitoring
Stewart, M. J., Ph.D., P.Eng.	6	Nearshore Processes and Structures, Surveys, Engineering, General Pollution	Surveys, Monitoring, Impact Assessment, Consulting
Stone, Nancy, B.Sc.	7	Pollution	Testing
Stonehill, B. C., B.A.Sc.	25	Pollution, Radioactive Substances	Research and Development, Consulting
Sverre, S. F., M.Sc.	27, 28	Artificial Culture and Mariculture, Biochemistry, Pollution	Consulting, Research and Development
Thomas, D. J., M.Sc.	70	Chemical Oceanography, Trace Metals	Research and Development
Trofimenkoff, P. N., Ph.D.	46	Sea Ice, Arctic Pollution	Research
12. 2 Environmental Quality Qualité de l'Environnement			
McLean, A. Y., Ph.D.	59	Engineering, Environmental Quality	Impact Assessment, Project Management
Silvester, M. D., Ph.D.	10	Chemical Oceanography, Environmental Quality	Research and Development, Testing
Stiebel, W., M.Sc.	37	Hydrogeology and Water Quality	Consulting
Vroom, P. R., M.Sc.	30	Environmental Quality	Impact Assessment
12. 3 Halogenated Hydrocarbons Hydrocarbures Halogénés			
12. 4 Heavy Metals Métaux Lourds			
Langley, D. G., B.Sc.	45	Heavy Metals	Consulting
Smith, R. E., B.Sc.	68	Interdisciplinary Studies, Petroleum Pollution, Heavy Metals, Data Processing	Consulting, Impact Assessment, Surveys
12. 5 Nutrients Sels Nutritifs			

	Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
12. 6	Outfalls Décharges			
	Maclean, D. G., M.Eng., P.Eng.	6	Nearshore Structures, Outfalls, Engineering	Consulting
	McDonald, V. I., B.Sc.	6	Nearshore Structures, Outfalls	Consulting
12. 7	Petroleum Pétrole			
	Houston, W. R., M.Sc.	10	Petroleum Pollution	Research and Development
	Purves, W. F., M.Sc.	5	Petroleum Pollution	Testing
	Thurlow, Wm. J.	16	Petroleum Pollution	Impact Assessment
12. 8	Radioactive Materials Substances Radioactives			
	Stonehill, B. C., B.A.Sc.	25	Pollution, Radioactive Substances	Research and Development, Consulting
12. 9	Transport of Pollutants Transport de Substances Polluantes			
12.10	Waste Water Eau Résiduaire			
	Ellis, B. M., Ph.D., P.Eng.	31	Waste Water Process Engineering	Research and Development, Consulting
13.00	Remote Sensing Téledétection			
13. 1	General (Includes Specialized Areas Not Indexed) Général (Y Compris les Spécialités Non Mentionnées)			
	Campbell, J. N., B.Sc.	71	Remote Sensing	Research and Development
	Davies, J. H., B.Sc.	10	Remote Sensing	Research and Development
	Hinds, C. M., B.Sc., P.Eng.	73	Remote Sensing	Research and Development
	Lapp, P. A., Sc.D., P.Eng.	65	Remote Sensing	Consulting
13. 2	Sensors Détecteurs			
	Grundmann, W., H.T.L.	74	Sensing and Measurement of Marine Related Parameters, Electronic Control Circuits for Marine Applications	Mechanical and Electronic Design
14.00	Scientific Information Information Scientifique			
14. 1	General (Includes Specialized Areas Not Indexed) Général (Y Compris les Spécialités Non Mentionnées)			
14. 2	Scientific Editing Rédaction Scientifique			
15.00	Submersibles and Diving Submersibles et Plongée			
15. 1	General (Includes Specialized Areas Not Indexed) Général (Y Compris les Spécialités Non Mentionnées)			

	Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
15. 2	Diver's Physiology and Behavior Comportement et Physiologie du Plongeur			
	MacInnis, J. B., CM, MD	79	Diving Management, Habitat, Human Performance	Research and Development
15. 3	Habitat Habitat			
	Carmichael, J. R., B.Sc.	52	Habitat Assessment, Salmon Biology	Impact Assessment
	MacInnis, J. B., CM, MD	79	Diving Management, Habitat, Human Performance	Research and Development
15. 4	Submersibles Submersibles			
	Graham, J. D., M.S., P.Eng.	73	Engineering, Submersible Manipulators	Research and Development
	Huntington, D. R.	50	Submersibles	Design
	Larson, B. T.	50	Submersibles	Design
	McBeth, J. B., M.Sc. P.Eng.	50	Submersibles	Design
	Schalke, B. A., B.Sc., P.Eng.	50	Submersibles	Design
	Sehgal, T., M.S., P.Eng.	73	Engineering, Submersible Manipulators	Research and Development
	Thornton, M. L., B.Sc., P.Eng.	50	Submersibles	Quality Control
	Trice, A. R.	50	Submersibles	Design
	Witney, J. W., P.Eng.	50	Submersibles	Design
16.00	Miscellaneous Divers			
	Elsey, D. R., B.Sc., Eng.	18	Diving Management	Research and Development, Surveys
	English, J., P.Eng.	18	Diving Management	Research and Development, Surveys
	MacInnis, J. B., CM, MD	79	Diving Management, Habitat, Human Performance	Research and Development
	Petrov, D., ME., B.El. Eng.	9	Magnetism, Towed Bodies, Underwater Support for Divers	Monitoring, Design
16. 1	Applied Physics Physique Appliquée			
	Fraser, R. T., B.Sc.	13	Applied Physics	Surveys, Consulting
16. 2	Data Acquisition Saisie des Données			
	d'Apollonia, S., B.Sc.	39	Data Handling	Surveys
	Davis, W. R., M.Eng., P.Eng.	23	Data Acquisition Systems	Consulting
	Quinn, R., B.Sc., P.Eng.	76	Geophysics, Geology, Physical Oceanography, Bathymetry, Data	Surveys, Consulting

Name – Nom	Firm – Firme	Speciality – Spécialité	Activity – Activité
		Acquisition	
16. 3 Desalination Désalination			
Grundman, W. A., B.Sc., P.Eng.	41	Fluid Dynamics, Towed Systems, Desalination Equipment	Consulting, Manufacturing, Research and Development
16. 4 Environmental Planning Planification de l'Environnement			
Morse, D. E., B.A.	37	Environmental Planning	Consulting
16. 5 Flood Control and Erosion Défense Contre les Crues et Erosion			
Yelubandi, R., M.E., P.Eng.	81	Flood Control and Water Resources	Consulting
16. 6 Scientific Support Facilities Services de Soutien à la Recherche			
Heald, J. F., P.Eng.	19	Scientific Support Facilities	Consulting
Stockdale, W. K., P.Eng.	19	Scientific Support Facilities	Consulting

