
Environmental
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108 Development of a
National Directory of
Canadian Marine
Oil Spill Specialists

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ENVIRONMENTAL STUDIES RESEARCH FUNDS

Report No. 108

DEVELOPMENT OF A NATIONAL DIRECTORY OF
CANADIAN MARINE OIL SPILL SPECIALISTS

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Portions of this report were drawn from a previously published paper at the 1991 AMOP Technical Seminar (Harper et al, 1991b). The actual Directory, portions of which are included in the Appendices, was published in June 1991 (Harper et al, 1991a). The assistance of co-authors Jim Dempsey, Wayne Duval, Jim Haggarty, Blair Humphrey, Laurie Solsberg and Gordon Tidmarsh in the preparation of these reports is appreciated.

EXECUTIVE SUMMARY

This report provides an overview of the development of the "1991 DIRECTORY OF CANADIAN MARINE OILSPILL SPECIALISTS", developed during 1990 and 1991 through ESRF funding (see Harper et al, 1991a).

Although oil spill contingency plans may cover a wide range of oilspill scenarios, the complexity of regulatory, environmental and spill characteristics makes each spill unique. To assist the On-scene Coordinator and advisors with decision-making during spill events, resource specialists are often required on short notice to provide information that cannot be incorporated in advance into response plans. Resource specialists listed in this directory form a vital component of this information base.

Two critical evaluations were conducted during development of the directory:

- (1) Screening Responses - inclusion in the directory was limited to individuals with previous spill experience or to individuals with a unique expertise in a critical resource area.
- (2) Cross-referencing - a detailed keyword index was developed to assist in referencing individual expertise and a spill index to reference individual spill experience.

The directory includes approximately 289 individuals. Each record includes a name, contact information (address and phone no.), resource specialties, and spill experience. The directory is printed in hard-copy (Harper et al, 1991a) and is also available in a dBase III Plus file format.

Recommendations resulting from the development of the directory include: (1) the directory be updated bi-annually, (2) "regional" versions of the directory be developed to include additional local resource contacts, and (3) consideration be given to development of an international directory of response specialists.

RÉSUMÉ

Le présent rapport fait la synthèse des travaux de préparation du « 1991 DIRECTORY OF CANADIAN MARINE OILSPILL SPECIALISTS » (Répertoire 1991 des spécialistes des déversements d'hydrocarbures au Canada). Ce répertoire a été préparé au cours de l'année 1990 et 1991 sous l'égide du FEE (voir Harper et al, 1991a).

Bien que les plans d'intervention en cas de déversement d'hydrocarbures proposent une grande variété de scénarios, la complexité de la réglementation, des incidences environnementales et des caractéristiques propres à chaque déversement fait que chaque cas est unique en soi. Les coordonnateurs et les conseillers des équipes d'intervention ont souvent besoin de trouver rapidement des spécialistes qui possèdent des renseignements qui ne pouvaient être prévus d'avance dans le plan d'intervention. Les noms des spécialistes figurant dans le présent répertoire sont un élément essentiel de cette base d'information.

Le travail de préparation du répertoire s'est articulé autour de deux opérations critiques :

- 1) Sélection des répondants : seuls ont été retenus les noms des personnes ayant déjà une expérience des déversements ou ayant une expérience unique dans un domaine de spécialité essentiel.
- 2) Création d'un système de renvois : les auteurs ont préparé un index détaillé des mots clés pour repérer facilement les compétences de chacun et un index des déversements pour repérer les interventions auxquelles les spécialistes répertoriés ont participé.

Le répertoire contient environ 289 noms et chaque entrée comprend le nom d'un spécialiste, ses coordonnées (adresse, numéro de téléphone), ses domaines de spécialité et les interventions auxquelles il a participé. Le répertoire est disponible sous forme de document papier (Harper et al, 1991a) et sous forme de disquette (dBase III Plus).

Recommandations formulées à la suite de la publication du répertoire : a) qu'une mise à jour soit publiée à tous les six mois; 2) que des versions adaptées aux diverses régions du pays soient préparées pour répertorier les ressources locales; 3) que soit envisagée la possibilité de préparer un répertoire international des spécialistes en interventions d'urgence.

INTRODUCTION

STATEMENT OF THE PROBLEM

Although oil spill contingency plans may cover a wide variety of oilspill scenarios, the complexity of environmental, regulatory and spill situations makes each spill unique. To assist the On-scene Coordinator and regulatory agencies in decision-making, resource specialists are often required at short notice to provide information that cannot be incorporated in advance into response atlases. As Harper (1987) noted in his review of decision-making during spill events, environmental advisors are a critical information source at the time of the spill, and generally the more information that is available early in the emergency, the more informed the decision-making. A listing of resource specialists would form a key component of this information base.

This project was designed to develop a national directory that would provide a listing of individuals that could assist in the event of a spill. No such directory existed prior to this project.

OBJECTIVES

The primary goal of the project was to list and catalog resource specialists that could be of assistance to response personnel during a spill, particularly during early stages. A secondary goal was to make the directory widely available for use by government and industry spill response agencies.

Specific objectives of the project were:

1. Compile a directory of spill resource specialists in an easy-to-use hard-copy format as well as a fully indexed electronic format.
2. Provide sufficient address details for each individual to permit easy contact.
3. Provide a **keyword index** summarizing an individual's primary areas of expertise related to spill response.

4. Provide a **spill experience index** that summarizes an individual's experience at specific spill events,
5. Provide a **geographic index** indicating regions where an individual has had first-hand field experience.

The Directory was not intended to (a) supersede contingency plan call-out lists, (b) list corporate experience or (c) list oilspill planning/response products.

METHODS

OVERVIEW

The development of the Directory involved two competing goals. First, it was desirable to incorporate as wide a range of expertise as possible in terms of response personnel. On the other hand, it was also considered important to identify individuals who had been involved with previous spill events; this previous experience would be particularly important during the early part of the spill when critical decisions are being made.

As a result of these competing goals, the decision was made to advertise in oilspill-related publications so as to concentrate efforts on individuals that would most likely have had previous spill experience. Notification of the Directory development was provided through various industry publications including the Oilspill Technology Newsletter, Oil Spill Intelligence Report and Arctic Petroleum Review. In as much as possible, industry cooperatives with marine spill experience also were contacted. In addition, a direct mailing to over 450 individuals was made early in the project; this included individuals listed in the British Columbia Oilspill Directory (Harper and Howes, 1990), government contact lists and personal contacts of project team members.

At this initial step, the decision also was made to limit the Directory to individual's with field experience in Canada. It was recognized that many individuals without Canadian experience could meaningfully contribute to response decision-making; however, for the development of this first directory, this step was considered important in limiting the scope of the responses. This concern may be addressed by future regional or international directories.

DIRECTORY DEVELOPMENT

The development of the Directory involved five major steps:

Questionnaire and Keyword Listing Development - a questionnaire was developed to illicit relevant address and background information for individuals. A key element of this questionnaire was that it should be simple and rapidly completed (2-3 minutes). At the same time, a keyword

glossary was compiled to provide consistent terminology for summarizing individuals' experience.

Notification and Questionnaire Circulation - direct mailing was initiated at the same time that the directory was announced in the industry publications.

Screening - as questionnaires were returned, each was screened against a set of "inclusion" criteria (see below). Questionnaires were categorized for: (a) inclusion, (b) further info required, (c) additional review, or (d) "exclusion".

Review - questionnaires indicating a potentially unique expertise or those slated for "exclusion" were reviewed by three project team members: the Project Manager, a discipline specialist and a regional specialist.

Compilation - a customized dBase III Plus database structure was developed for cataloguing the directory. This database was used for generating mailing labels, tracking questionnaires, providing consistency within the database, indices development, and final printing (see Appendix A).

No major problems were encountered during the development of the directory. It was originally anticipated that a stand-alone electronic database would be developed to facilitate updating and inquiries. Some work was undertaken in the dBase IV programming language, but the final completion was considered beyond the original scope of the project.

SCREENING

As previously indicated, the conflicting goals of (a) having as wide a range of specialists as possible and (b) limiting the directory to specialists with previous spill experience provided a challenge to the directory development. The former goal increased the number of listings, while the later goal limited the number of listings. As a result, a set of "inclusion" criteria was developed to provide a consistent approach to the screening process.

The inclusion criteria are summarized in Figure 1. The criteria are as follows:

- Criterion 1** - does the individual have Canadian field experience? If yes, apply Criterion 2. If not, exclude from the directory.
- Criterion 2** - does the individual have previous spill experience? If yes, apply Criterion 3. If not, refer to review process, Criteria 4.
- Criterion 3** - was the individual's experience in a decision-making, managerial or supervisory capacity? If yes, include within the directory. If not, exclude from the directory.
- Criterion 4** - does the individual have a unique area of expertise which has been of demonstrated use in previous spills or is likely to be of use in future spills? If yes, include within the directory. If no, exclude from the directory. This Criterion was evaluated by a review team composed of the project manager, a discipline specialist, and a regional specialist; in all cases the review was by consensus.
(Team Review)

The guidelines provided a very effective screening criteria and worked smoothly during the review.

DIRECTORY SCREENING CRITERIA

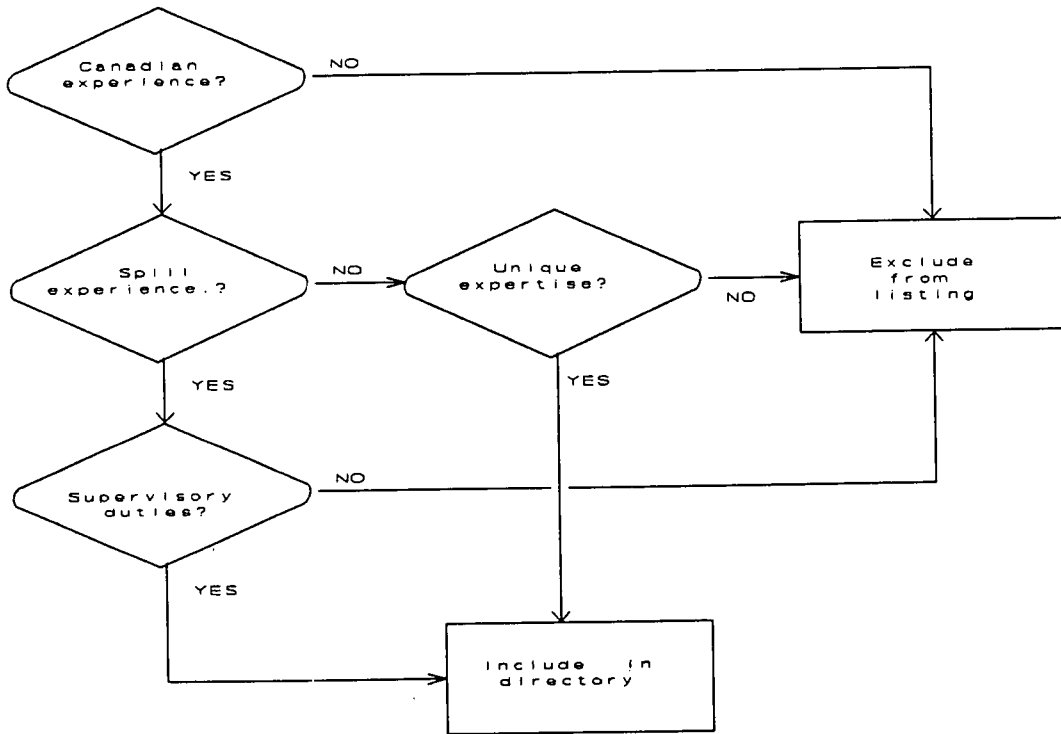


Figure 1. Procedures used in the response screening.

RESULTS

RESPONSES

At the time of final printing of the Directory, over 650 questionnaires were mailed and of these, 52% were returned (Table 1). Additional information was required on approximately 30% of the returned questionnaires (e.g., more information on previous spill experience).

TABLE 1 SUMMARY OF MAILINGS AND RESPONSES

Questionnaires Mailed:	666
Questionnaires Returned:	349
Individuals Included:	232

A total of 289 individuals were eventually included within the Directory, comprising over 80% of the respondents (Table 1). The majority of responses that were excluded from the Directory did not meet the Canadian field experience criteria. Sixty-one (21%) of the individuals listed had no previous spill experience but were judged to have had a unique expertise that justified inclusion.

DISCIPLINE REPRESENTATION

The composition of disciplines represented within the directory are indicated in Table 2. "Biological" and "Countermeasure" specialists comprise the majority of individuals listed. The "Other" category is made up of non-traditional disciplines such as communications, management, engineering and law specialists.

TABLE 2 SUMMARY OF DISCIPLINES IN DIRECTORY

Biological	102 (35%)
Countermeasures	84 (29%)
Cultural	17 (6%)
Other	30 (10%)
Physical/Chemical	56 (20%)
	<u>289</u>

DEMOGRAPHICS

The geographic representation by region is indicated in Table 3 (note that the number of listings for each region do not sum to the total number of listings because many individuals are cross-referenced in several regions).

TABLE 3 REGIONAL DISTRIBUTION OF LISTINGS

<u>Region</u>	<u>Number of Listings</u>
Pacific	<u>130</u>
PACIFIC TOTAL:	130
Beaufort Sea	70
Eastern Arctic	<u>48</u>
ARCTIC TOTAL:	118
Newfoundland and Labrador	31
Maritimes	<u>62</u>
ATLANTIC TOTAL:	93
Great Lakes and St. Lawrence River:	<u>70</u>
GREAT LAKES TOTAL:	70

DIRECTORY DISTRIBUTION

As of October 1991 a total of 56 printed directories had been distributed including sales of 48. Only five copies of the electronic version of the directory have been distributed (sales of 3 copies).

DISCUSSION

OVERVIEW

We initially expected a larger number of listings, based on the experience of the British Columbia Oilspill Directory, which included 117 individuals with either previous spill experience or unique expertise but did not include countermeasure specialists. The lower than expected response may reflect the limited audience of the industry publications in which the Directory was announced.

Should future versions of the Directory be compiled and printed, the number of listings should increase as each year allows the building on previous listings.

DISCIPLINE REPRESENTATION

In review of the discipline representation within the Directory, traditional spill specialists appear to be well represented. However, some of the disciplines that are peripheral to spill response (e.g., emergency communication specialists or spill litigation specialists) may not have been reached by the announcements or direct mailings.

The initial publication should raise public awareness as to the Directory and its potential use. As such, future Directories are likely to incorporate a wider range of disciplines. In addition, it is recommended that federal, provincial and municipal emergency service organizations be contacted during future compilations to assist in the identification of "non-traditional" response specialists.

REGIONAL REPRESENTATION

The summary of listings by region suggests (Table 3) a bias towards the Pacific region in terms of number of listings. The relatively higher proportion of the listings for the Pacific Region is probably a result of (a) the use of the BC Oilspill Directory as a source for the initial mailing and (b) the large number of individuals who have had direct experience with the Nestucca and EXXON Valdez spills (98 of the 232 individual listings had experience on one or both of these spills).

In that the compilation was funded by the Environmental Studies Research Fund (ESRF) in support of offshore exploration drilling concerns, the Directory focused on the frontier drilling regions of Canada, i.e. the Pacific Coast, the Arctic and the Atlantic coast. However, it was recognized that numerous individuals with response experience were located within the Great Lakes region, and these individuals were included within the directory.

The compilation of a National Directory should provide the framework for development regional directories or databases. There are numerous individuals that have extensive local knowledge about small geographic areas and that would be important resource personnel during a spill response. For example, native band leaders were included within the BC Oilspill Directory (Harper and Howes, 1991) as individuals who have a unique local knowledge of subsistence resource use and logistics. Local or regional directories should incorporate local expertise (e.g., fisherman co-ops, community response organizations, native band leaders, etc.) that is not appropriate for listing in a national directory.

INTERNATIONAL EXPERTISE

The directory was restricted to individuals with Canadian field experience which was regional in nature. The Directory is not comprehensive, however, in that there may be individuals without Canadian experience that could contribute significantly to a specific spill response.

There is a wide-range of international spill response expertise available and compilation of an international directory would be facilitate use of this expertise. International agencies (e.g., the UN) or industry organizations (e.g., ITOPF) are potential lead agencies for development of such a Directory.

DISTRIBUTION OF DIRECTORIES

At the annual Arctic and Marine Oilspill Project Meeting the Directories were highly visible, easily available and a paper was presented on the development (Harper et al, 1991b). Approximately 30 Directories were sold with over 80% of those sold to non-Canadians.

To date there have been less than 40 Directories distributed within Canada despite announcements in the Oilspill Technology Newsletter, the Oil Spill Intelligence Report and a direct mailing flyer to over 300 individuals.

In view of the apparent low interest level, annual updating does not appear warranted. However, bi-annual updating is recommended to accommodate the many address changes that are likely to have occurred since the initial compilation.

CONCLUSIONS

1. The Directory identifies over two hundred individuals with previous oilspill experience and Canadian field experience. This listing provides a valuable information resource for oil spill response.
2. Future directories of this type could provide a more comprehensive listing of specialists from "non-traditional" disciplines by soliciting advice through government emergency measure agencies.
3. The compilation and publication of such a Directory can not be supported by sales alone. It is doubtful if printing costs alone can be covered from direct sales.
4. The Directory provides the framework (format and initial specialist list) for the development of regional directories.

APPENDIX A

National Specialist Listing



NATIONAL LISTINGS

- | | | | |
|---|---|--|---|
| <p>1. ABBOTT, DONALD N.</p> <p>Royal British Columbia Museum
675 Belleville Street
Victoria, BC V8V 1X4</p> <p>OCCUPATION: Archaeologist
DISCIPLINE: Cultural
SPECIALTIES: Archaeology: coastal, ethnohistory, excavations, resource mapping, Spills: monitoring: archaeology
SPILL EXPERIENCE: EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Provincial</p> | <p>wk 604/387-2441
fax 604/387-5360
hm 604/382-5298</p> | <p>5. AGES, ALARD B.</p> <p>Dept. of Fisheries and Oceans
Institute of Ocean Sciences
P.O. Box 6000
Sidney, BC V8L 4B2</p> <p>OCCUPATION: Research Engineer
DISCIPLINE: Physical/Chemical
SPECIALTIES: Spills: environmental coordinator, modelling, monitoring: physical
SPILL EXPERIENCE: IRVING WHALE, IRISH STARDUST, ERAWAN, NESTUCCA, EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal</p> | <p>wk 604/363-6341
fax 604/356-6323
hm 604/656-0245</p> |
| <p>2. ABDELNOUR, RAZEK</p> <p>Fleet Technology Limited
311 Legget Drive
Kanata, ON K2K 1Z8</p> <p>OCCUPATION: Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, burning, experimentation, skimmers, Spills: ice-oil interaction, modelling
SPILL EXPERIENCE: COOSRA
REGIONAL EXPERIENCE: Newfoundland & Labrador, Great Lakes & St. Lawrence River
EMPLOYER: Private</p> | <p>wk 613/592-2830
fax 613/592-4950
hm 613/591-0532</p> | <p>6. ALLAN, GLENN M.</p> <p>Nfld. Dept. of Environment & Lands
Elizabeth Towers
100 Elizabeth Avenue
St. John's, NF A1B 1R9</p> <p>OCCUPATION: Environmental Specialist
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, burning, disposal, monitoring, operations, pumps
SPILL EXPERIENCE: Chronic Spills - Newfoundland & Labrador
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Provincial</p> | <p>wk 709/576-5792
fax 709/576-2071
hm 709/576-4282</p> |
| <p>3. ACHESON, STEVEN R.</p> <p>Ministry of Municipal Affairs
Government of BC
800 Johnson Street
Victoria, BC V8V 1X4</p> <p>OCCUPATION: Archaeologist
DISCIPLINE: Cultural
SPECIALTIES: Archaeology: coastal, ethnohistory, excavations, resource mapping, Spills: monitoring: archaeology
SPILL EXPERIENCE: Greys Harbour Spill - Washington
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Provincial</p> | <p>wk 604/356-1439
fax 604/387-4420
hm 604/592-2389</p> | <p>7. ALLEN, ALAN A.</p> <p>Spiltec
19220 NE 143rd Place
Woodinville, WA 98072
USA</p> <p>OCCUPATION: Oil Spill Consultant
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, burning, experimentation, Oil: dispersants, Spills: ice-oil interaction, management/planning
SPILL EXPERIENCE: Santa Barbara Blowout, Ixtoc Blowout, EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific, Beaufort Sea
EMPLOYER: Private</p> | <p>wk 206/869-0988
fax 206/869-7881
hm 206/869-0988</p> |
| <p>4. ACKMAN, ROBERT</p> <p>Canadian Institute of Fisheries Technology
Technical University of Nova Scotia
P.O. Box 1000
Halifax, NS B3J 2X4</p> <p>OCCUPATION: Food Scientist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Aquaculture: finfish, shellfish, Fish: demersal fish, processing, tainting, Water quality: pollutants
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Maritimes
EMPLOYER: University</p> | <p>wk 902/420-7734
fax 902/420-0219
hm 902/469-5001</p> | <p>8. AMELL, RAYMOND A.</p> <p>Marine Emergencies Branch
Canadian Coast Guard
401 King Street
Prescott, ON K0E 1T0</p> <p>OCCUPATION: District Marine Emergency Officer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, monitoring, operations, pumps, skimmers, vessels
SPILL EXPERIENCE: Chronic Spills - Great Lakes & St. Lawrence
REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River
EMPLOYER: Federal</p> | <p>wk 613/925-2865
fax 613/925-5540</p> |

NATIONAL LISTINGS

17. **BEAUDOIN, MICHEL P.** wk 514/283-6418
 fax 514/496-1157
 hm 514/722-2879
 Environmental Protection Service
 Environment Canada
 1179 Bleury Street
 Montreal, PQ H3B 3H9
OCCUPATION: Prevention Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: equipment general, Environmental: chemistry, impact, Spills: fate and effects monitoring, management/planning, on-scene commander
SPILL EXPERIENCE: RIO ORINOCO, Chronic Spills - Great Lakes & St. Lawrence
REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River
EMPLOYER: Federal **RECORD NO.:** 1661
18. **BEECH, FRED G.** wk 604/666-0370
 wk 604/666-6100
 fax 604/666-6281
 Conservation and Protection
 Environment Canada
 224 West Esplanade
 North Vancouver, BC V7M 3H7
OCCUPATION: Environmental Emergency Coordinator
DISCIPLINE: Countermeasures
SPECIALTIES: Coastal: oilspill sensitivity mapping, Countermeasures: operations, Spills: environmental coordinator, management/planning, on-scene commander
SPILL EXPERIENCE: ARCO ANCHORAGE, ARCTURUS, STAR LUZON, NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal **RECORD NO.:** 1108
19. **BELFORD, SUSAN** wk 902/468-7777
 fax 902/468-9009
 hm 902/422-3973
 Jacques Whitford & Associates
 3 Spectacle Lake Drive
 Dartmouth, NS B3B 1W8
OCCUPATION: Aquatic biologist
DISCIPLINE: Biological
SPECIALTIES: Biological sensitivity mapping, Coastal: oilspill sensitivity mapping, Fish: anadromous, habitat, Spills: impact assessment
SPILL EXPERIENCE: RIO ORINOCO
REGIONAL EXPERIENCE: Maritimes
EMPLOYER: Private **RECORD NO.:** 9
20. **BELORE, RANDY** wk 613/232-1564
 fax 613/232-6660
 hm 613/832-1097
 S.L. Ross Environmental Research Limited
 200 - 717 Belfast Road
 Ottawa, ON K1G 0Z4
OCCUPATION: Professional Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: experimentation, Oil: dispersants, Remote Sensing: interpretation, Spills: fate and effects monitoring, impact assessment, modelling
SPILL EXPERIENCE: COAATF Experimental Spills
REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes
EMPLOYER: Private **RECORD NO.:** 1691
21. **BEMISTER, EDGAR M.** wk 902/465-7776
 fax 902/465-1202
 hm 902/435-5337
 PIER (Petroleum Industry Emergency Response)
 Canadian Petrol. Products Institute
 703 - 45 Alderney Drive
 Dartmouth, NS B26 2N6
OCCUPATION: Emergency Response Manager
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: operations, shoreline cleanup, skimmers, Spills: logistics, management/planning, on-scene commander, public relations
SPILL EXPERIENCE: ARROW, CN Port Aux Basque, BEDFORD CHITOWN, Chronic Spills - Maritimes
REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes
EMPLOYER: Private **RECORD NO.:** 1682
22. **BERNICK, KATHRYN** wk 604/228-5630
 hm 604/873-5958
 139 West 18th Avenue
 Vancouver, BC V5Y 2A6
OCCUPATION: Archaeologist
DISCIPLINE: Cultural
SPECIALTIES: Archaeology: coastal, excavations, water-logged sites
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private **RECORD NO.:** 1241
23. **BIRCHARD, EVAN C.** wk 403/237-4902
 fax 403/237-2431
 hm 403/278-6687
 ESSO Resources Canada Limited
 237 - 4TH Avenue S.W.
 Calgary, AB T2P 0H6
OCCUPATION: Environmental Advisor
DISCIPLINE: Biological
SPECIALTIES: Environmental: impact, Estuarine: ecology, Fish: habitat, Oil: dispersants, Spills: fate and effects monitoring, Toxicology
SPILL EXPERIENCE: ARROW, IMPERIAL ST LAWRENCE, Ixtoc Blowout, EXXON VALDEZ
REGIONAL EXPERIENCE: Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Great Lakes & St. Lawrence River
EMPLOYER: Private **RECORD NO.:** 1355
24. **BJERKELUND, INGRID** wk 604/684-0516
 fax 604/684-2357
 D.F. Dickins Associates Ltd.
 Suite 503, 21 Water Street
 Vancouver, BC V6B 1A1
OCCUPATION: Biologist
DISCIPLINE: Countermeasures
SPECIALTIES: Archaeology: resource mapping, Biological sensitivity mapping, Birds: oil effects on, Coastal: oilspill sensitivity mapping, Ice forecasting
SPILL EXPERIENCE: Cape Breton Pack Ice Experiments
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic
EMPLOYER: Private **RECORD NO.:** 565

1991 CANADIAN DIRECTORY OF MARINE OILSPILL SPECIALISTS

25. **BOBRA, ALICE M.** wk 819/953-9974
 fax 819/953-4936
 Commerical Chemical Branch
 Environment Canada
 14th Floor - Place Vincent Massey
 Ottawa, ON K1A 0H3
 OCCUPATION: Aquatic Biologist/Hydrocarbon Chemist
 DISCIPLINE: Physical/Chemical
 SPECIALTIES: Bioassay testing, Hydrocarbon chemistry: analyses, chemistry: techniques, weathering, Invertebrates, Microbiology
 SPILL EXPERIENCE: BIOS
 REGIONAL EXPERIENCE: Eastern Arctic
 EMPLOYER: Federal
 RECORD NO.: 1113
26. **BOBRA, MARK A** wk 613/237-4843
 Consultchem
 P.O. Box 4472
 Station E
 Ottawa, ON K1S 5B4
 OCCUPATION: Environmental Engineer
 DISCIPLINE: Physical/Chemical
 SPECIALTIES: Hydrocarbon chemistry: analyses, sampling, Oil: dispersants, properties, Spills: monitoring: chemical, monitoring: physical
 SPILL EXPERIENCE: Beaufort Sea Dispersant Trials
 REGIONAL EXPERIENCE: Beaufort Sea, Maritimes
 EMPLOYER: Private
 RECORD NO.: 1011
27. **BOEHM, PAUL** wk 617/864-5770
 fax 617-661-5830
 Arthur D. Little, Inc.
 Acorn Park
 Cambridge, MA 02140
 USA
 OCCUPATION: Marine Chemist
 DISCIPLINE: Physical/Chemical
 SPECIALTIES: Hydrocarbon chemistry: analyses, sampling, techniques, weathering, Spills: fate and effects monitoring, impact assessment
 SPILL EXPERIENCE: EXXON VALDEZ, AMOCO CADIZ, BIOS
 REGIONAL EXPERIENCE: Pacific, Beaufort Sea
 EMPLOYER: Private
 RECORD NO.: 1552
28. **BORDEN, RHONDA** wk 709/896-7594
 Department of National Defense
 CFB Goose Bay
 St. A
 Goose Bay, NF A0P 1S0
 OCCUPATION: Environmental Advisor
 DISCIPLINE: Countermeasures
 SPECIALTIES: Countermeasures: booms, monitoring, skimmers, Spills: public relations
 SPILL EXPERIENCE: ABITIBI PRICE, Chronic Spills - Goose Bay
 REGIONAL EXPERIENCE: Newfoundland & Labrador
 EMPLOYER: Federal
 RECORD NO.: 1046
29. **BORSTAD, GARY A.** wk 604/656-5633
 fax 604/656-3646
 hm 604/656-5350
 G.A. Borstad Associates Ltd.
 #100 - 5865 West Saanich Road
 Sidney, BC V8L 3S1
 OCCUPATION: Oceanographer
 DISCIPLINE: Other
 SPECIALTIES: Countermeasures: monitoring, Oceanography: biological, Remote Sensing: instrumentation, Sensing: interpretation, satellite, Water quality: monitoring
 SPILL EXPERIENCE: EXXON VALDEZ
 REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Maritimes
 EMPLOYER: Private
 RECORD NO.: 1110
30. **BOURNE, NEIL F.** wk 604/756-7037
 fax 604/756-7053
 hm 604/758-5156
 Pacific Biological Station
 Dept. of Fisheries and Oceans
 Hammond Bay Road
 Nanaimo, BC V9R 5K6
 OCCUPATION: Research Scientist
 DISCIPLINE: Biological
 SPECIALTIES: Aquaculture: shellfish, Benthos: ecology, invertebrates, Estuarine: ecology, Shellfish: habitat, molluscs
 SPILL EXPERIENCE: None
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Federal
 RECORD NO.: 29
31. **BOUTILLIER, JAMES** wk 604/756-7030
 fax 604/756-5053
 hm 604/758-6415
 Pacific Biological Station
 Dept. of Fisheries and Oceans
 Hammond Bay Road
 Nanaimo, BC V9R 5K6
 OCCUPATION: Biologist
 DISCIPLINE: Biological
 SPECIALTIES: Biological sensitivity mapping, Fish: commercial: demersal fisheries, Invertebrates, Spills: communications, management/planning, monitoring: biological
 SPILL EXPERIENCE: NESTUCCA
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Federal
 RECORD NO.: 183
32. **BROWN, HUGH M.** wk 403/284-7490
 fax 403/284-7595
 Esso Resources Canada Limited
 3535 Research Road N.W.
 Calgary, AB T2L 2K8
 OCCUPATION: Surveillance Manager
 DISCIPLINE: Countermeasures
 SPECIALTIES: Countermeasures: burning, experimentation, Hydrocarbon chemistry: analyses, Oil: dispersants, Remote Sensing: instrumentation, Spills: modelling
 SPILL EXPERIENCE: EXXON VALDEZ, Beaufort Sea Dispersant Trials
 REGIONAL EXPERIENCE: Pacific, Beaufort Sea
 EMPLOYER: Private
 RECORD NO.: 1361

NATIONAL LISTINGS

33. **BROWN, RICHARD G.B.** wk 902/426-2578
 fax 902/426-7827
 hm 902/457-2285
 Canadian Wildlife Service
 Environment Canada
 P.O. Box 1006
 Dartmouth, NS B2Y 4A2
OCCUPATION: Wildlife Biologist
DISCIPLINE: Biological
SPECIALTIES: Biological sensitivity mapping, Birds: distributions, oil effects on, seabirds, waterfowl
SPILL EXPERIENCE: ARROW, KURDISTAN, Chronic Spills - Maritimes
REGIONAL EXPERIENCE: Eastern Arctic, Newfoundland & Labrador, Maritimes
EMPLOYER: Federal **RECORD NO.:** 1095
34. **BROWN, WALTER F.M.** wk 416/278-8848
 Walter Brown & Associates
 533 Arbor Rd.
 Mississauga, ON L5G 2J6
OCCUPATION: Environment Engineer
DISCIPLINE: Physical/Chemical
SPECIALTIES: Bioremediation, Countermeasures: booms, Environmental: chemistry, Hydrocarbon chemistry: sampling, Spills: environmental coordinator, Water quality: monitoring
SPILL EXPERIENCE: Chronic Spills - Toronto Harbour
REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River
EMPLOYER: Private **RECORD NO.:** 1632
35. **BUCKLEY, DALE** wk 902/426-7732
 fax 902/426-4104
 hm 902/434-5734
 Atlantic Geoscience Centre
 Bedford Institute of Oceanography
 P. O. Box 1006
 Dartmouth, NS B2Y 4A2
OCCUPATION: Marine Geochemist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Coastal: processes, Countermeasures: shoreline cleanup, Environmental: impact, Spills: fate and effects monitoring, monitoring: physical, oil-distribution mapping
SPILL EXPERIENCE: ARROW, AMOCO CADIZ, KURDISTAN, EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific, Maritimes
EMPLOYER: Federal **RECORD NO.:** 1513
36. **BUIST, IAN A.** wk 613/232-1564
 fax 613/232-6660
 S.L. Ross Environmental Research Ltd.
 717 Belfast Road
 Suite 200
 Ottawa, ON K1G 0Z4
OCCUPATION: Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: burning, experimentation, Spills: fate and effects monitoring, ice-oil interaction, logistics, modelling
SPILL EXPERIENCE: Camp Farewell, Mckinley Bay Experimental Spill, EXXON VALDEZ
REGIONAL EXPERIENCE: Beaufort Sea, Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Private **RECORD NO.:** 1193
37. **BURGER, ALAN** wk 604/479-9833
 fax 604/721-7120
 hm 604/479-9833
 Dept. of Biology
 University of Victoria
 P.O. Box 1700
 Victoria, BC V8W 2Y2
OCCUPATION: Seabird Biologist
DISCIPLINE: Biological
SPECIALTIES: Birds: distributions, habitat, oil effects on, seabirds, shorebirds, waterfowl
SPILL EXPERIENCE: NESTUCCA, Chronic Spills - Vancouver Harbour
REGIONAL EXPERIENCE: Pacific, Newfoundland & Labrador
EMPLOYER: Private **RECORD NO.:** 159
38. **CAHILL, MOYA N** wk 709/754-9013
 fax 709/754-4704
 hm 709/754-7714
 MAC Consultants Inc.
 Cabot Place Suite 790
 100 New Gower Street
 St John's, NF A1C 6K3
OCCUPATION: Marine Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Birds: rehabilitation, Countermeasures: booms, skimmers, vessels, Spills: management/planning, public relations
SPILL EXPERIENCE: Placentia Bay
REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes
EMPLOYER: Private **RECORD NO.:** 1683
39. **CAINE, GARY** wk 604/334-1403
 fax 604/334-1209
 hm 604/339-6729
 Ministry of Agriculture, Fisheries & Food
 Government of BC
 2500 Cliffe Avenue
 Courtenay, BC V9N 5M6
OCCUPATION: Aquaculture Biologist
DISCIPLINE: Biological
SPECIALTIES: Aquaculture: finfish, shellfish, Habitat: management, Oceanography: biological, Plants: subtidal, Water quality: monitoring
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Provincial **RECORD NO.:** 521
40. **CAMPBELL, C.C.** wk 604/666-7900
 fax 604/666-4440
 Dept. of Fisheries and Oceans
 2250 S. Boundary Road
 Burnaby, BC V5M 4L9
OCCUPATION: Inspector
DISCIPLINE: Other
SPECIALTIES: Shellfish: crustaceans, molluscs
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal **RECORD NO.:** 77

1991 CANADIAN DIRECTORY OF MARINE OILSPILL SPECIALISTS

41. **CAMPBELL, R.W.** wk 604/387-7483
 fax 604/387-5360
 hm 604/477-4221
 Royal British Columbia Museum
 675 Belleville St.
 Victoria, BC V8V 1X4

OCCUPATION: Ornithologist
DISCIPLINE: Biological
SPECIALTIES: Birds: distributions, habitat, population studies, raptors, seabirds, waterfowl
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Provincial
RECORD NO.: 156
42. **CARSWELL, BARRON** wk 604/356-2237
 fax 604/356-7280
 hm 604/383-1154
 Ministry of Agriculture, Fisheries & Food
 Aquaculture Operations
 808 Douglas Street
 Victoria, BC V8W 2Z7

OCCUPATION: Marine Biologist
DISCIPLINE: Biological
SPECIALTIES: Algae: Subtidal, Aquaculture: finfish, shellfish, Water quality: pollutants
SPILL EXPERIENCE: Sooke Mystery Spill
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Provincial
RECORD NO.: 510
43. **CARTER, JOHN A.** wk 902/426-8212
 fax 902/426-8974
 hm 902/425-5116
 International Centre for Ocean Development
 5670 Spring Garden Road
 Halifax, NS B3J 1H6

OCCUPATION: Program Officer - Ocean Development
DISCIPLINE: Biological
SPECIALTIES: Archaeology: underwater sites, Benthos: ecology, Biological sensitivity mapping, Environmental: impact, Food quality, tainting, Spills: fate and effects monitoring
SPILL EXPERIENCE: Uniak G72 Blowout
REGIONAL EXPERIENCE: Maritimes
EMPLOYER: Federal
RECORD NO.: 1677
44. **CHALMERS, D.** wk 604/753-7350
 fax 604/758-9600
 hm 604/753-7350
 Dept. of Fisheries and Oceans
 South Coast Region
 3225 Stephenson Point Road
 Nanaimo, BC V9T 1K3

OCCUPATION: Biologist
DISCIPLINE: Biological
SPECIALTIES: Fish: commercial: pelagic fisheries, habitat, management
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal
RECORD NO.: 147
45. **CHARDINE, JOHN** wk 709/772-2778
 fax 709/772-6309
 Canadian Wildlife Service
 Environment Canada
 P.O. Box 9158, Stn. B
 St. John's, NF A1A 2X9

OCCUPATION: Seabird Biologist
DISCIPLINE: Biological
SPECIALTIES: Birds: oil effects on, population studies, rehabilitation, seabirds, Ecology: population dynamics
SPILL EXPERIENCE: Placentia Bay, Chronic Spills - Newfoundland & Labrador
REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Federal
RECORD NO.: 1060
46. **CHARETTE, MICH** wk 604/931-0200
 fax 604/931-0298
 Esso Petroleum Company
 IOCO Refinery
 2225 Ioco Rd, RR1
 Port Moody, BC V3H 3C8

OCCUPATION: Fate and Effects Advisor
DISCIPLINE: Other
SPECIALTIES: Bioremediation, Countermeasures: disposal, Hydrocarbon chemistry: analyses, Marine mammals: pinnipeds, Occupational health and safety, Spills: fate and effects monitoring
SPILL EXPERIENCE: EXXON VALDEZ, Chronic Spills - Vancouver Harbour
REGIONAL EXPERIENCE: Pacific, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Private
RECORD NO.: 1176
47. **CLARK, BRIAN J.** wk 604/584-8822
 fax 604/660-8926
 hm 604/467-1209
 Ministry of Environment
 Government of BC
 10334 - 152 A Street
 Surrey, BC V3R 7P8

OCCUPATION: Biologist
DISCIPLINE: Biological
SPECIALTIES: Fish: anadromous, recreational fisheries, Spills: environmental coordinator, management/planning, on-scene commander
SPILL EXPERIENCE: Chronic Spills - Burrard Inlet
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Provincial
RECORD NO.: 1180
48. **CLARKE, PETER L.** wk 403/979-7307
 fax 403/979-2418
 hm 403/979-2594
 Renewable Resources, GNWT
 Bag Service #1
 Inuvik, NT X0E 0T0

OCCUPATION: Biologist
DISCIPLINE: Biological
SPECIALTIES: Environmental: impact, Habitat: management, Subsistence resources, Terrestrial mammals: bears, mammals: otters
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Beaufort Sea
EMPLOYER: Territorial
RECORD NO.: 1600

NATIONAL LISTINGS

49. **CLAYTON, LORNE W.** wk 604/655-3117
 fax 604/655-3113
 IEC Collaborative Marine Res. & Dev. Ltd.
 146 Regina Avenue
 Victoria, BC V8Z 1J3
 hm 604/656-0418
 OCCUPATION: Fisheries Biologist/Shellfish
 DISCIPLINE: Biological
 SPECIALTIES: Algae: Subtidal, Aquaculture: shellfish, Coastal: mapping,
 Environmental: chemistry, Shellfish: habitat, molluscs
 SPILL EXPERIENCE: None
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Private
 RECORD NO.: 504
50. **COADY, WILLIAM G** wk 709/726-2422
 fax 709/726-2428
 Canadian Marconi Co.
 17 Pippy Place
 P.O. Box 8835, Stn A.
 St. John's, NF A1B 3T2
 hm 709/364-6340
 OCCUPATION: Manager
 DISCIPLINE: Other
 SPECIALTIES: Spills: communications
 SPILL EXPERIENCE: None
 REGIONAL EXPERIENCE: Newfoundland & Labrador
 EMPLOYER: Private
 RECORD NO.: 1025
51. **COLODEY, ALAN G.** wk 604/666-2883
 fax 604/666-6858
 Marine & Environmental Quality
 Environment Canada
 224 West Esplanade
 North Vancouver, BC V7M 3H7
 hm 604/987-7223
 OCCUPATION: Marine Biologist
 DISCIPLINE: Biological
 SPECIALTIES: Environmental: impact, Spills: fate and effects monitoring,
 assessment, monitoring: biological, chemical, Water quality: monitoring
 SPILL EXPERIENCE: Chronic Spills - BC South Inner Coast
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Federal
 RECORD NO.: 557
52. **COMFORT, GEORGE A.** wk 613/592-2830
 fax 613/592-4950
 Fleet Technology Limited
 311 Legget Drive
 Kanata, ON K2K 1Z8
 OCCUPATION: Engineer
 DISCIPLINE: Physical
 SPECIALTIES: Countermeasures: equipment general, experimentation, Ice
 ecology, Spills: ice-oil interaction, monitoring: physical, oil-distribution mapping
 SPILL EXPERIENCE: Balena Bay Experimental Spill, Griper Bay
 REGIONAL EXPERIENCE: Beaufort Sea
 EMPLOYER: Private
 RECORD NO.: 1009
53. **CONNORS, RICHARD J** wk 403/874-5150
 fax 403/874-3722
 Northern Transportation Co. Ltd.
 c/o Box 250,
 Hay River, NT X0E 0R0
 hm 403/874-2931
 OCCUPATION: Manager
 DISCIPLINE: Countermeasures
 SPECIALTIES: Countermeasures: booms, equipment general, shoreline cleanup,
 vessels, Spills: on-scene commander, public relations
 SPILL EXPERIENCE: Chronic Spills - Mackenzie River
 REGIONAL EXPERIENCE: Beaufort Sea, Eastern Arctic, Maritimes
 EMPLOYER: Private
 RECORD NO.: 1181
54. **COOMBS, ROBERT G.** wk 709/576-2551
 fax 709/576-2071
 Nfld. Dept. of Environment & Lands
 Elizabeth Towers
 100 Elizabeth Avenue
 St. John's, NF A1B 1R9
 hm 709/754-4320
 OCCUPATION: Environmental Specialist
 DISCIPLINE: Biological
 SPECIALTIES: Countermeasures: disposal, monitoring, operations, skimmers,
 vessels, Spills: environmental coordinator
 SPILL EXPERIENCE: Shell Goose Bay, Chronic Spills - Newfoundland &
 Labrador
 REGIONAL EXPERIENCE: Newfoundland & Labrador
 EMPLOYER: Provincial
 RECORD NO.: 1052
55. **COON, MICHAEL** wk 604/356-2237
 fax 604/356-7280
 Ministry of Agriculture and Fisheries
 Aquaculture Operations
 808 Douglas Street
 Victoria, BC V8W 2Z7
 OCCUPATION: Resource Management
 DISCIPLINE: Biological
 SPECIALTIES: Algae: Intertidal, Subtidal, Aquaculture: finfish, shellfish,
 Plants: intertidal
 SPILL EXPERIENCE: None
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Provincial
 RECORD NO.: 141
56. **CRETNEY, WALTER J.** wk 604/363-6412
 fax 604/363-6733
 Institute of Ocean Sciences
 Dept. of Fisheries and Oceans
 P.O. Box 6000
 Sidney, BC V8L 4B2
 hm 604/656-6185
 OCCUPATION: Hydrocarbon Chemist
 DISCIPLINE: Physical/Chemical
 SPECIALTIES: Environmental: chemistry, Hydrocarbon chemistry: analyses,
 chemistry: sampling, Microbiology, Oil: dispersants, Spills: fate and effects
 monitoring
 SPILL EXPERIENCE: BIOS, NESTUCCA, IRISH STARDUST
 REGIONAL EXPERIENCE: Pacific, Beaufort Sea
 EMPLOYER: Federal
 RECORD NO.: 1684

1991 CANADIAN DIRECTORY OF MARINE OILSPILL SPECIALISTS

57. **CROSBIE, ALEX** wk 709/722-8212
fax 709/739-7540
Crosbie Industrial Services Limited
Logy Bay Road
P.O. Box 9341
St. John's, NF A1A 2Y3
OCCUPATION: Contingency Specialist
DISCIPLINE: Other
SPECIALTIES: Countermeasures: pumps, shoreline cleanup, skimmers
SPILL EXPERIENCE: LIBERTY BELL VENTURE, PETROSKALD
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Private RECORD NO.: 1043
58. **CROSS, WILLIAM E.** wk 416/833-1244
fax 416/833-1255
hm 415/853-2584
LGL Limited
P.O. Box 280
King City, ON LOG 1K0
OCCUPATION: Marine Ecology
DISCIPLINE: Biological
SPECIALTIES: Benthos: ecology, invertebrates, Habitat: intertidal, Ice ecology,
Spills: impact assessment, monitoring: biological
SPILL EXPERIENCE: BIOS
REGIONAL EXPERIENCE: Beaufort Sea, Eastern Arctic, Newfoundland &
Labrador
EMPLOYER: Private RECORD NO.: 1562
59. **CVAR, MARK** wk 416/681-3366
fax 416/681-1195
hm 416/544-4383
Sanexen International (1988) Inc.
3027 Harvester road
Unit 202
Burlington, ON L7N 3G7
OCCUPATION: Chemical Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Bioremediation, Countermeasures: booms, disposal, equipment
general, shoreline cleanup, Hydrocarbon chemistry: sampling
SPILL EXPERIENCE: MV UNISOL, Come By Chance Refinery, Chippawa
Cleanup, Montebello Fuel Spill
REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River
EMPLOYER: Private RECORD NO.: 1638
60. **DANIELS, ARTHUR** wk 709/747-0114
fax 709/747-2015
hm 709/722-6835
SERVCO Environmental Limited
P.O. Box 13501, Stn. A
8 Heather Place
St. John's, NF A1B 4B8
OCCUPATION: Environmental Consultant
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: equipment general, operations,
Environmental: impact, Hydrocarbon chemistry: sampling, Spills: impact
assessment, logistics
SPILL EXPERIENCE: ROPANNA (SHELL)
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Private RECORD NO.: 1080
61. **DAVIDSON, L.W.** wk 709/722-7023
fax 709/722-7353
hm 709/364-3044
Seaconsult Limited
200 Whitehills Road
P.O. Box 2035, Stn. C
St. John's, NF A1C 5R6
OCCUPATION: Contingency Specialist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Countermeasures: equipment specifications, Oceanography:
physical, Spills: communications, environmental coordinator, fate and effects
monitoring, monitoring: physical
SPILL EXPERIENCE: KURDISTAN, COOSRA
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Private RECORD NO.: 1084
62. **DAVIS, JOHN** wk 604/363-6515
fax 604/363-6479
Dept. of Fisheries and Oceans
Institute of Ocean Sciences
P.O. Box 6000
Sidney, BC V8L 4B2
OCCUPATION: Scientific Administrator
DISCIPLINE: Physical/Chemical
SPECIALTIES: Spills: communications, fate and effects monitoring, impact
assessment, management/planning, monitoring: biological, chemical
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal RECORD NO.: 1326
63. **DAVIS, ROLPH A.** wk 416/833-1244
fax 416/833-1255
hm 416/833-6472
LGL Limited
P. O. Box 280
King City, ON LOG 1K0
OCCUPATION: Ornithologist/Marine Mammalogist
DISCIPLINE: Biological
SPECIALTIES: Birds: migratory, seabirds, waterfowl, Marine mammals: oil
effects on, mammals: pinnipeds, whales
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Beaufort Sea, Eastern Arctic, Great Lakes & St.
Lawrence River
EMPLOYER: Private RECORD NO.: 1523
64. **DAVIS, STEPHEN** wk 902/420-5631
fax 902/420-5561
hm 902/422-5942
Department of Anthropology
Saint Mary's University
Halifax, NS B3H 3C3
OCCUPATION: Archaeologist
DISCIPLINE: Cultural
SPECIALTIES: Archaeology: coastal, ethnohistory, excavations, resource
mapping, underwater sites, water-logged sites
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes
EMPLOYER: University RECORD NO.: 1246

NATIONAL LISTINGS

65. **DAVIS, STUART L.** wk 204/284-3366
 fax 204/477-4173
 hm 204/287-2193
 North/South Consultants Inc
 202 - 1475 Chevrier Blvd
 Winnipeg, MB R3T 1Y7
OCCUPATION: Fisheries Habitat Biologist
DISCIPLINE: Biological
SPECIALTIES: Biological sensitivity mapping, Environmental: impact,
 Estuarine: ecology, Fish: anadromous, habitat, oil effects on
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Beaufort Sea, Eastern Arctic
EMPLOYER: Private **RECORD NO.:** 1685
66. **DAY, BEV** wk 604/946-3171
 hm 604/946-3171
 OWL (Orphaned Wildlife) Rehabilitation Society
 3800 - 72nd Street
 Delta, BC
OCCUPATION: Raptor Rehabilitation
DISCIPLINE: other
SPECIALTIES: Birds: raptors, rehabilitation
SPILL EXPERIENCE: Chronic Spills - Vancouver Harbour
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Other **RECORD NO.:** 516
67. **DEMARGERIE, SYLVAIN** wk 902/465-5535
 fax 902/464-9602
 ASA Consulting Ltd.
 P. O. Box 2025
 Dartmouth East, NS B2W 3X8
OCCUPATION: Physical Oceanographer
DISCIPLINE: Physical/Chemical
SPECIALTIES: Oceanography: physical, Spills: ice-oil interaction, impact
 assessment, management/planning, modelling, oil-distribution mapping
SPILL EXPERIENCE: Uniak G72 Blowout
REGIONAL EXPERIENCE: Beaufort Sea, Maritimes
EMPLOYER: Private **RECORD NO.:** 1534
68. **DEMPSEY, JIM** wk 709/722-7023
 fax 709/722-7353
 hm 709/576-0488
 Seaconsult Limited
 200 Whitehills Road
 P.O. Box 2035, Stn. C
 St. John's, NF A1C 5R6
OCCUPATION: Oceanographic Technician
DISCIPLINE: Physical/Chemical
SPECIALTIES: Oceanography: physical, Spills: logistics, management/planning,
 monitoring: biological, physical, Water quality: monitoring
SPILL EXPERIENCE: FERMEUSE, COOSRA, COAATF Experimental Spill
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Newfoundland & Labrador,
 Maritimes
EMPLOYER: Private **RECORD NO.:** 1083
69. **DEVENIS, PETER K.** wk 403/269-6721
 fax 403/261-4622
 hm 403/239-2789
 Canadian Petroleum Association
 3800, 150 Sixth Avenue S.W.
 Calgary, AB T2P 3Y7
OCCUPATION: Frontier Oil Spill Manager
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: burning, equipment general, Spills:
 environmental coordinator, management/planning
SPILL EXPERIENCE: EXXON VALDEZ, Chronic Spills - Tuktoyaktuk
REGIONAL EXPERIENCE: Beaufort Sea, Pacific
EMPLOYER: Private **RECORD NO.:** 1115
70. **DICKINS, DAVID F.** wk 604/684-0516
 fax 604/684-2357
 hm 604/687-1127
 D.F. Dickins Associates Limited
 503 - 21 Water Street
 Vancouver, BC V6B 1A1
OCCUPATION: Engineer
DISCIPLINE: Other
SPECIALTIES: Coastal: mapping, oilspill sensitivity mapping,
 Countermeasures: burning, Spills: ice-oil interaction, impact assessment, logistics
SPILL EXPERIENCE: Balena Bay Experimental Spill, Mckinley Bay
 Experimental Spill, BIOS, NESTUCCA
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic
EMPLOYER: Private **RECORD NO.:** 1114
71. **DOE, KENNETH G.** wk 902/426-3284
 fax 902/426-8041
 hm 902/866-3353
 Environmental Protection Service
 Environment Canada
 15th Floor 45 Alderney Drive
 Dartmouth, NS B26 2N6
OCCUPATION: Aquatic Toxicologist
DISCIPLINE: Biological
SPECIALTIES: Bioassay testing, Fish: oil effects on, Invertebrates, Oil:
 toxicity, Toxicology
SPILL EXPERIENCE: Chronic Spills - Newfoundland, Chronic Spills -
 Maritimes
REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes
EMPLOYER: Federal **RECORD NO.:** 1686
72. **DORAN, DECLAN** wk 416/736-2784
 fax 416/736-2820
 hm 416/881-0981
 Esso Petroleum Company
 1150 Finch Avenue West
 Downsview, ON M3J 2E4
OCCUPATION: Emergency Response Coordinator
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, burning, disposal, pumps, shoreline
 cleanup, skimmers
SPILL EXPERIENCE: EXXON VALDEZ, Ashland Oil
REGIONAL EXPERIENCE: Pacific, Eastern Arctic, Great Lakes & St.
 Lawrence River
EMPLOYER: Private **RECORD NO.:** 1313

1991 CANADIAN DIRECTORY OF MARINE OILSPILL SPECIALISTS

73. **DROWN, DENIS** wk 709/778-0305
 fax 709/778-0346
 hm 709/753-9173
 Marine Institute
 Marine Institute
 P.O. Box 4920
 St. John's, NF A1C 5R3
OCCUPATION: Captain
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: equipment general, shoreline cleanup, vessels, Ice forecasting, Occupational health and safety, Spills: management/planning
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Eastern Arctic, Newfoundland & Labrador, Maritimes
EMPLOYER: Provincial **RECORD NO.:** 1026
74. **DRYDEN, ROBERT** wk 403/234-5185
 fax 403/234-6212
 Chevron Canada Resources
 500 - 5th Avenue
 Calgary, AB T2P 0L7
OCCUPATION: Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: shoreline cleanup, Spills: impact assessment, logistics, management/planning
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Private **RECORD NO.:** 1157
75. **DUKE, LARRY** wk 604/363-3252
 fax 604/363-0191
 hm 604/479-5120
 Dept. of Fisheries and Oceans
 423 - 1230 Government Street
 Victoria, BC V8W 1Y3
OCCUPATION: Fisheries Biology
DISCIPLINE: Biological
SPECIALTIES: Fish: anadromous, habitat, management
SPILL EXPERIENCE: Chronic Spills - Vancouver Island
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal **RECORD NO.:** 81
76. **DUNN, MICHAEL W.** wk 604/946-8546
 fax 604/946-7022
 Canadian Wildlife Services
 Environment Canada
 P. O. Box 340
 Delta, BC V4K 3Y3
OCCUPATION: Environmental Assessment Office
DISCIPLINE: Other
SPECIALTIES: Biological sensitivity mapping, Coastal: mapping, oilspill sensitivity mapping, Spills: management/planning
SPILL EXPERIENCE: NESTUCCA, Chronic Spills - Vancouver Harbour
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal **RECORD NO.:** 1116
77. **DUVAL, WAYNE S.** wk 604/687-3385
 fax 604/687-0171
 hm 604/275-9012
 Seakem Group Ltd.
 407 - 1155 Robson Street
 Vancouver, BC V6E 1B5
OCCUPATION: Biologist
DISCIPLINE: Biological
SPECIALTIES: Benthos: invertebrates, Coastal: oilspill sensitivity mapping, Fish: oil effects on, Oil: toxicity, Spills: impact assessment, Toxicology
SPILL EXPERIENCE: VANLENE, NESTUCCA, EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic
EMPLOYER: Private **RECORD NO.:** 1117
78. **EASTON, ALEXANDER** wk 403/668-8773
 hm 403/668-6397
 N.A. Easton & Associates
 Box 5196
 Whitehorse, YT T1A 4S3
OCCUPATION: Archaeologist
DISCIPLINE: Cultural
SPECIALTIES: Archaeology: coastal, excavations, underwater sites, water-logged sites
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Beaufort Sea
EMPLOYER: Private **RECORD NO.:** 1249
79. **EID, BASSEM M.** wk 902/421-3200
 fax 902/425-4464
 MacLaren Plansearch
 Suite 200, Park Lane Terraces
 5657 Spring Garden Road
 Halifax, NS B3J 3R4
OCCUPATION: Senior Oceanographer
DISCIPLINE: Physical/Chemical
SPECIALTIES: Meteorology: forecasting, modelling, Oceanography: physical, Spills: modelling, monitoring: physical, oil-distribution mapping
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Private **RECORD NO.:** 1544
80. **ELDRIDGE, MORLEY** wk 604/656-0450
 fax 604/655-4761
 hm 604/656-8645
 Millennia Research
 Suite 2, 9768 Second Street
 Sidney, BC V8L 3Y8
OCCUPATION: Archaeologist
DISCIPLINE: Cultural
SPECIALTIES: Archaeology: coastal, ethnohistory, excavations, resource mapping, water-logged sites, Spills: monitoring: archaeology
SPILL EXPERIENCE: EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private **RECORD NO.:** 1118

NATIONAL LISTINGS

81. **ELLIS, GRAEME** wk 604/756-7245
 fax 604/756-7053
 hm 604/753-7404
 Pacific Biological Station
 Dept. of Fisheries and Oceans
 Hammond Bay Road
 Nanaimo, BC V9R 5K6
OCCUPATION: Marine Mammals Technician
DISCIPLINE: Biological
SPECIALTIES: Biological sensitivity mapping, Marine mammals: pinnipeds, mammals: sea otters, whales
SPILL EXPERIENCE: NESTUCCA, EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal
RECORD NO.: 522
82. **EMMERSON, KEITH R.** wk 902/426-9771
 fax 902/426-4828
 Marine Emergencies Branch
 Canadian Coast Guard
 P.O. Box 1013
 Dartmouth, NS B2Y 4K2
OCCUPATION: Reg. Superintendent Emergency Operations
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, equipment design, pumps, shoreline cleanup, skimmers, Spills: on-scene commander
SPILL EXPERIENCE: EARL GREY, CAMARQUE, LUCIEN PAQUIN, SAN LORENZO, TRITON TRADER
REGIONAL EXPERIENCE: Beaufort Sea, Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Federal
RECORD NO.: 1653
83. **EMMETT, BRIAN** wk 604/383-4535
 fax 604/380-0103
 hm 604/380-0207
 Archipelago Marine Research
 11-1140 Fort Street
 Victoria, BC V8V 3K8
OCCUPATION: Biologist
DISCIPLINE: Biological
SPECIALTIES: Aquaculture: shellfish, Fish: population studies, Invertebrates, Spills: monitoring: biological
SPILL EXPERIENCE: EXXON VALDEZ, NESTUCCA
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic, Newfoundland & Labrador
EMPLOYER: Private
RECORD NO.: 113
84. **ENGLAR, J.R.** wk 604/666-6767
 fax 604/666-4895
 hm 604/986-4288
 Conservation and Protection
 Environment Canada
 4195 Marine Drive
 West Vancouver, BC V7V 1N8
OCCUPATION: Organic Chemist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Hydrocarbon chemistry: analyses, sampling, techniques, weathering, Organic chemistry
SPILL EXPERIENCE: NESTUCCA, Chronic Spills - Yukon, Chronic Spills - BC South Inner Coast
REGIONAL EXPERIENCE: Pacific, Beaufort Sea
EMPLOYER: Federal
RECORD NO.: 1529
85. **FERGUSON, ROBERT** wk 902/426-9509
 fax 902/426-7012
 hm 902/443-5281
 Archaeological Research Section
 Parks Canada
 Historic Properties
 Halifax, NS B3J 1S9
OCCUPATION: Archaeologist
DISCIPLINE: Cultural
SPECIALTIES: Archaeology: coastal, ethnohistory, excavations, water-logged sites, Spills: monitoring: archaeology
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes
EMPLOYER: Federal
RECORD NO.: 1250
86. **FINGAS, MERV** wk 613/998-9622
 fax 613/991-9485
 hm 613/824-7843
 Conservation and Protection
 Environment Canada
 3439 River Road
 Ottawa, ON K1A 0H3
OCCUPATION: Scientist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Environmental: chemistry, Hydrocarbon chemistry: weathering, Oil: dispersants, Remote Sensing: instrumentation, Spills: ice-oil interaction, modelling, monitoring: chemical
SPILL EXPERIENCE: KOMARG, KURDISTAN, NESTUCCA, EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Federal
RECORD NO.: 1120
87. **FISSEL, DAVID B.** wk 902/468-8871
 fax 902/468-5341
 hm 902/434-2155
 Arctic Sciences Limited
 Suite 59, 201 Brownlow Avenue
 Dartmouth, NS B3B 1W2
OCCUPATION: Oceanographer
DISCIPLINE: Physical/Chemical
SPECIALTIES: Oceanography: physical, Spills: impact assessment, modelling, monitoring: physical
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Maritimes
EMPLOYER: Private
RECORD NO.: 1565
88. **FORBES, DON** wk 902/426-7737
 fax 902/426-4104
 hm 902/469-3695
 Atlantic Geoscience Centre
 Bedford Institute of Technology
 P.O. Box 1006
 Dartmouth, NS B2Y 4A2
OCCUPATION: Coastal Geomorphologist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Coastal: geomorphology, mapping, oilspill sensitivity mapping, processes
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Maritimes
EMPLOYER: Federal
RECORD NO.: 1121

1991 CANADIAN DIRECTORY OF MARINE OILSPILL SPECIALISTS

89. **FORD, J.** wk 604/631-2507
 Vancouver Aquarium
 P.O. Box 3232
 Vancouver, BC V6B 3X8
 hm 604/929-0440
- OCCUPATION:** Marine Mammal Biologist
DISCIPLINE: Biological
SPECIALTIES: Marine mammals: oil effects on, mammals: rehabilitation, sea otters, whales
SPILL EXPERIENCE: NESTUCCA, EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private
RECORD NO.: 164
90. **FREDERICK, GAY** wk 604/387-5576
 Royal British Columbia Museum
 675 Belleville Street
 Victoria, BC V8V 1X4
 hm 604/727-2497
- OCCUPATION:** Archaeologist
DISCIPLINE: Cultural
SPECIALTIES: Archaeology: coastal, excavations, resource mapping, Subsistence resources
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Provincial
RECORD NO.: 229
91. **FROSSARD, AL F.** wk 416/441-7811
 Esso Petroleum Company
 90 Wynford Drive
 Toronto, ON M3C 1K5
 fax 416/441-7712
 hm 416/889-3935
- OCCUPATION:** Consultant, Maintenance
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: disposal, equipment general, storage, Hydrocarbon chemistry: techniques, Spills: logistics, monitoring: physical
SPILL EXPERIENCE: EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Private
RECORD NO.: 1305
92. **FUDGE, STEPHEN M.** wk 902/468-7777
 Jacques Whitford & Associates Ltd.
 3 Spectacle Lake Drive
 Dartmouth, NS B3B 1W8
 fax 902/468-9009
 hm 902/422-7812
- OCCUPATION:** Environmental Consultant
DISCIPLINE: Physical/Chemical
SPECIALTIES: Biological sensitivity mapping, Coastal: geomorphology, mapping, oilspill sensitivity mapping, Countermeasures: shoreline cleanup, Environmental: impact
SPILL EXPERIENCE: SOUTH ANGELA, RIO ORINOCO
REGIONAL EXPERIENCE: Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Maritimes
EMPLOYER: Private
RECORD NO.: 1023
93. **GILL, SHAWN D** wk 613/991-1916
 Dept. of Energy Mines & Resources
 355 River Road
 Ottawa, ON K1A 0E4
 fax 613/993-9897
 hm 613/832-1661
- OCCUPATION:**
DISCIPLINE: Countermeasures
SPECIALTIES: Legal: compensation, liability, Oil: dispersants, Spills: management/planning, on-scene commander
SPILL EXPERIENCE: GOLDEN ROBIN, NEPCO 140, KURDISTAN, Ixtoc Blowout, Uniacke G72 Blowout, COAATF Experimental Spill
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Federal
RECORD NO.: 1652
94. **GILLAM, ANDREW H.** wk 604/655-1944
 CBR International Corp.
 P.O. Box 2010
 101-9865 West Saanich Road
 Sidney, BC V8L 3S3
 fax 604/655-7131
 hm 604/385-2558
- OCCUPATION:** Environmental Chemist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Environmental: chemistry, Hydrocarbon chemistry: weathering, Microbiology, Oil: properties, Spills: monitoring: chemical, Water quality: monitoring
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific, Beaufort Sea
EMPLOYER: Private
RECORD NO.: 1371
95. **GILLESPIE, RANDY** wk 709/364-1200
 NORDCO Limited
 P.O. Box 8833
 St. John's, NF A1B 3T2
 fax 709/364-3550
 hm 709/744-2952
- OCCUPATION:** Remote Sensing Specialist
DISCIPLINE: Other
SPECIALTIES: Coastal: geomorphology, mapping, Remote Sensing: interpretation, Sensing: satellite, Spills: oil-distribution mapping
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes
EMPLOYER: Private
RECORD NO.: 1039
96. **GODON, ANN** wk 604/684-0516
 D.F. Dickins Associates Ltd.
 503 - 21 Water Street
 Vancouver, BC V6B 1A1
 fax 604/684-2357
- OCCUPATION:** Ocean Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: burning, experimentation, Ice forecasting
SPILL EXPERIENCE: West Coast Burning Experiments
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic
EMPLOYER: Private
RECORD NO.: 1189

NATIONAL LISTINGS

97. **GORDON, DONALD C.** wk 902/426-3278
 fax 902/426-2256
 hm 902/469-2798
 Bedford Institute of Oceanography
 Dept. of Fisheries and Oceans
 P.O. Box 1006
 Dartmouth, NS B26 4A2
 OCCUPATION: Research Scientist
 DISCIPLINE: Biological
 SPECIALTIES: Benthos: ecology, Estuarine: ecology, habitat, Wetlands: ecology
 SPILL EXPERIENCE: ARROW
 REGIONAL EXPERIENCE: Maritimes
 EMPLOYER: Federal
 RECORD NO.: 1687
98. **GOUDIE, IAN R.** wk 709/772-5585
 fax 709/772-6309
 hm 709/754-7571
 Canadian Wildlife Service
 Environment Canada
 P. O. Box 9158, Station B
 St. John's, NF A1A 2X9
 OCCUPATION: Wildlife Biologist
 DISCIPLINE: Biological
 SPECIALTIES: Birds: distributions, habitat, management, migratory, population studies, waterfowl
 SPILL EXPERIENCE: Chronic Spills - Newfoundland
 REGIONAL EXPERIENCE: Newfoundland & Labrador
 EMPLOYER: Federal
 RECORD NO.: 1059
99. **GRAF, LINDA H.** wk 403/979-7311
 wk 403/979-7289
 hm 403/979-3835
 hm 403/979-3789
 Renewable Resources, GNWT
 GNWT, Dept. Renewable Resources
 Lab Complex
 Inuvik, NT XOE 0T0
 OCCUPATION: Biologist
 DISCIPLINE: Biological
 SPECIALTIES: Birds: raptors, seabirds, waterfowl, Invertebrates
 SPILL EXPERIENCE: None
 REGIONAL EXPERIENCE: Beaufort Sea
 EMPLOYER: Territorial
 RECORD NO.: 1602
100. **GRANT, ALEX** wk 604/847-7259
 fax 604/847-7591
 hm 604/847-9167
 Ministry of the Environment
 Government of BC
 Bag 5000
 Smithers, BC VOJ 2N0
 OCCUPATION: Spill Response Officer
 DISCIPLINE: Countermeasures
 SPECIALTIES: Countermeasures: burning, disposal, equipment general, Occupational health and safety
 SPILL EXPERIENCE: Chronic Spills - BC
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Provincial
 RECORD NO.: 1190
101. **GRATTAN, LESLIE** wk 709/778-7278
 fax 709/753-2728
 hm 709/739-8176
 Hibernia Management & Development Co.
 Suite 1000
 100 New Gower Street
 St. John's, NF A1C 6K3
 OCCUPATION: Marine Biologist
 DISCIPLINE: Biological
 SPECIALTIES: Archaeology: resource mapping, Fish: commercial: demersal fisheries, commercial: pelagic fisheries, habitat, Legal: compensation, Spills: management/planning
 SPILL EXPERIENCE: None
 REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes
 EMPLOYER: Private
 RECORD NO.: 1556
102. **GREEN, GORDON D.** wk 604/387-6034
 fax 604/387-5360
 hm 604/478-9962
 Royal British Columbia Museum
 675 Belleville St.
 Victoria, BC V8V 1X4
 OCCUPATION: Invertebrate Zoologist (Taxonomy)
 DISCIPLINE: Biological
 SPECIALTIES: Benthos: invertebrates, Invertebrates, Shellfish: crustaceans
 SPILL EXPERIENCE: VANLENE
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Provincial
 RECORD NO.: 153
103. **GREEN, JOHN** wk 613/787-3867
 fax 613/787-3888
 hm 613/747-9056
 Frontec Logistics
 501 Guy Street
 Ottawa, ON K1K 1C1
 OCCUPATION: Hazardous Materials Specialist
 DISCIPLINE: Other
 SPECIALTIES: Countermeasures: burning, equipment general, Spills: environmental coordinator, logistics, on-scene commander
 SPILL EXPERIENCE: Chronic Spills - Newfoundland & Labrador
 REGIONAL EXPERIENCE: Eastern Arctic, Newfoundland & Labrador
 EMPLOYER: Private
 RECORD NO.: 1191
104. **GREEN, MARTYN** wk 604/985-0855
 fax 604/985-0955
 Burrard Clean Operations Ltd.
 467 Mountain Highway
 North Vancouver, BC V7J 2L3
 OCCUPATION: General Manager, Oil Spill Cleanup
 DISCIPLINE: Countermeasures
 SPECIALTIES: Countermeasures: booms, disposal, operations, shoreline cleanup, skimmers, vessels
 SPILL EXPERIENCE: Chronic Spills - Vancouver Harbour
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Private
 RECORD NO.: 1323

1991 CANADIAN DIRECTORY OF MARINE OILSPILL SPECIALISTS

105. **GREENHAM, CAPT. M.S.** wk 613/993-5439
 fax 613/990-5423
 hm 613/824-3810
 Ship-Source Oil Pollution Fund
 900-270 Albert Street
 Ottawa, ON K1A 0N5

OCCUPATION: Director, Technical Services
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: disposal, operations, Legal: compensation, liability, Spills: on-scene commander, public relations
SPILL EXPERIENCE: KURDISTAN, ARROW
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Federal **RECORD NO.:** 1629
106. **HAEGELE, CARL W.** wk 604/756-7204
 fax 604/756-7053
 hm 604/758-1873
 Pacific Biological Station
 Dept. of Fisheries and Oceans
 Hammond Bay Road
 Nanaimo, BC V9R 5K6

OCCUPATION: Fisheries Biologist
DISCIPLINE: Biological
SPECIALTIES: Algae: Intertidal, Subtidal, Fish: ecology, habitat, pelagic fish, Plankton
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal **RECORD NO.:** 32
107. **HAGGARTY, JAMES C.** wk 604/386-9839
 hm 604/386-9839
 Shoreline Archaeological Services, Inc.
 1269 Montrose Avenue
 Victoria, BC V8T 2K3

OCCUPATION: Archaeologist
DISCIPLINE: Cultural
SPECIALTIES: Archaeology: coastal, resource mapping, Coastal: oilspill sensitivity mapping, Countermeasures: shoreline cleanup, Legal: liability, Spills: impact assessment, management/planning, monitoring: archaeology
SPILL EXPERIENCE: EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private **RECORD NO.:** 1254
108. **HALLEY, WAYNE** wk 709/772-2118
 fax 709/722-4066
 hm 709/753-2320
 Canadian Coast Guard
 Building 204, Pleasantville
 P.O. Box 1300
 St. John's, NF A1C 6H8

OCCUPATION: Marine Emergency Officer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, burning, disposal, equipment design, general, experimentation, shoreline cleanup
SPILL EXPERIENCE: KURDISTAN, BIOS, Chronic Spills - Newfoundland
REGIONAL EXPERIENCE: Beaufort Sea, Newfoundland & Labrador, Great Lakes & St. Lawrence River
EMPLOYER: Federal **RECORD NO.:** 1019
109. **HARBO, RICK M.** wk 604/756-7268
 fax 604/758-9600
 hm 604/758-9492
 Dept. of Fisheries and Oceans
 South Coast Division
 3225 Stephenson Point Road
 Nanaimo, BC V9T 1K3

OCCUPATION: Fisheries Biologist
DISCIPLINE: Biological
SPECIALTIES: Aquaculture: shellfish, Shellfish: crustaceans, habitat, molluscs
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal **RECORD NO.:** 144
110. **HARDING, LEE E.** wk 604/666-2917
 fax 604/666-6858
 hm 604/469-0643
 Environment Canada
 Marine & Estuarine Group
 224 West Esplanade
 North Vancouver, BC V7M 3H7

OCCUPATION: Environmental Assessment
DISCIPLINE: Biological
SPECIALTIES: Biological sensitivity mapping, Spills: environmental coordinator, fate and effects monitoring, impact assessment, monitoring: chemical, oil-distribution mapping
SPILL EXPERIENCE: NESTUCCA, EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal **RECORD NO.:** 574
111. **HARPER, JOHN R.** wk 604/655-4035
 fax 504/655-1290
 hm 604/655-4035
 Harper Environmental Services
 10774 Derrick Rd
 Sidney, BC V8L 3R9

OCCUPATION: Coastal Geomorphologist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Coastal: geomorphology, mapping, oilspill sensitivity mapping, Countermeasures: shoreline cleanup, Spills: fate and effects monitoring, oil-distribution mapping
SPILL EXPERIENCE: EXXON VALDEZ, MV PUERTO RICAN, BIOS
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic, Maritimes
EMPLOYER: Private **RECORD NO.:** 303
112. **HART, WAYNE E.** wk 403/538-2180
 fax 403/532-8518
 hm 403/532-6343
 Petro-Canada
 9909 - 102 Street
 Grande Prairie, AB T8V 2V4

OCCUPATION: Environmental Advisor
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: equipment general, Spills: environmental coordinator, logistics, on-scene commander, public relations
SPILL EXPERIENCE: Scotia Shelf Dispersant Trials, Chronic Spills - Alberta
REGIONAL EXPERIENCE: Maritimes
EMPLOYER: Private **RECORD NO.:** 1611

NATIONAL LISTINGS

- | | |
|---|--|
| <p>113. HARVEY-CLARK, CHRIS</p> <p style="text-align: right;">wk 604/228-6283
fax 604/228-3505
hm 604/324-0471</p> <p>University of British Columbia
Animal Care Centre
6199 South Campus Road
Vancouver, BC V6T 1W5</p> <p>OCCUPATION: Veterinarian
DISCIPLINE: Biological
SPECIALTIES: Birds: oil effects on, raptors, rehabilitation, seabirds, Marine mammals: oil effects on, mammals: pinnipeds
SPILL EXPERIENCE: NESTUCCA, EXXON VALDEZ, Chronic Spills - Burrard Inlet
REGIONAL EXPERIENCE: Pacific
EMPLOYER: University</p> <p style="text-align: right;">RECORD NO.: 570</p> | <p>117. HILL, PHIL R.</p> <p style="text-align: right;">wk 902/465-5128
fax 902/466-6889
hm 902/425-7964</p> <p>Hill Geoscience Research
1 Research Drive
Dartmouth, NS B2Y 4M9</p> <p>OCCUPATION: Geologist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Coastal: geomorphology, mapping, oilspill sensitivity mapping, processes
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Beaufort Sea, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Private</p> <p style="text-align: right;">RECORD NO.: 1547</p> |
| <p>114. HARWOOD, LOIS A.</p> <p style="text-align: right;">wk 403/979-2828
fax 403/979-2610
hm 403/979-3626</p> <p>Joint Secretariat
P. O. Box 2120
Inuvik, NT X0E 0T0</p> <p>OCCUPATION: Marine Mammal Biologist
DISCIPLINE: Biological
SPECIALTIES: Marine mammals: oil effects on, mammals: pinnipeds, whales, Subsistence resources
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Beaufort Sea
EMPLOYER: Private</p> <p style="text-align: right;">RECORD NO.: 1524</p> | <p>118. HILL, RONALD</p> <p style="text-align: right;">wk 519/862-2281
fax 519/862-3510
hm 519/867-5528</p> <p>Petroleum Industry Marine Environment Coop.
291 St. Clair Parkway
Corunna, ON N0N 1G0</p> <p>OCCUPATION: Training Co-ordinator
DISCIPLINE: Other
SPECIALTIES: Countermeasures: equipment general, operations, Spills: logistics, management/planning, on-scene commander
SPILL EXPERIENCE: Chronic Spills - Great Lakes & St. Lawrence
REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River
EMPLOYER: Other</p> <p style="text-align: right;">RECORD NO.: 1555</p> |
| <p>115. HAY, DOUG</p> <p style="text-align: right;">wk 604/756-7201
fax 604/756-7053</p> <p>Dept. of Fisheries & Oceans
Pacific Biological Station
Hammond Bay Road
Nanaimo, BC V9R 5K6</p> <p>OCCUPATION: Research Scientist
DISCIPLINE: Biological
SPECIALTIES: Fish: commercial: pelagic fisheries, ecology, habitat, pelagic fish, population studies
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal</p> <p style="text-align: right;">RECORD NO.: 567</p> | <p>119. HOBLER, PHILIP</p> <p style="text-align: right;">wk 604/291-3135
fax 604/291-4727
hm 604/464-1691</p> <p>Department of Archaeology
Simon Fraser University
Burnaby, BC V5A 1S6</p> <p>OCCUPATION: Archaeologist
DISCIPLINE: Cultural
SPECIALTIES: Archaeology: coastal, ethnohistory, excavations, resource mapping, water-logged sites
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific
EMPLOYER: University</p> <p style="text-align: right;">RECORD NO.: 1256</p> |
| <p>116. HEBRON, KEITH</p> <p style="text-align: right;">wk 604/666-8241
fax 604/666-1140
hm 604/421-4484</p> <p>Conservation & Protection
Environment Canada
224 West Esplanade
North Vancouver, BC V7M 3H7</p> <p>OCCUPATION: Response Specialist
DISCIPLINE: Biological
SPECIALTIES: Countermeasures: burning, operations, shoreline cleanup, Environmental: impact, Spills: management/planning, on-scene commander
SPILL EXPERIENCE: KURDISTAN, NESTUCCA, EXXON VALDEZ, Chronic Spills - Vancouver Harbour, TRANSPRO
REGIONAL EXPERIENCE: Pacific, Maritimes
EMPLOYER: Federal</p> <p style="text-align: right;">RECORD NO.: 1400</p> | <p>120. HOGAN, HOLLY A.</p> <p style="text-align: right;">hm 709/754-7571</p> <p>P. O. Box 9996
Station B
St. John's, NF A1A 4L5</p> <p>OCCUPATION: Seabird Biologist
DISCIPLINE: Biological
SPECIALTIES: Birds: habitat, migratory, oil effects on, rehabilitation, seabirds, Marine mammals: whales
SPILL EXPERIENCE: Chronic Spills - Newfoundland
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Other</p> <p style="text-align: right;">RECORD NO.: 1528</p> |

1991 CANADIAN DIRECTORY OF MARINE OILSPILL SPECIALISTS

121. **HOOPER, BOB** wk 709/737-7494
 fax 709/737-3018
 hm 709/753-1707
 Memorial University of Newfoundland
 Marine Biology Department
 St. John's, NF A1B 3X9
OCCUPATION: Marine Biologist
DISCIPLINE: Biological
SPECIALTIES: Algae: Intertidal, Subtidal, Benthos: invertebrates, Estuarine: ecology, Habitat: intertidal, Ice ecology
SPILL EXPERIENCE: Chronic Spills - Newfoundland & Labrador
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: University **RECORD NO.:** 1028
122. **HOOS, RICHARD A.W.** wk 403/267-2665
 fax 403/267-2667
 hm 403/251-1402
 Polar Gas Pipeline
 Suite 2000
 111 - Fifth Avenue S.W.
 Calgary, AB T2W 5R2
OCCUPATION: Environmental Manager
DISCIPLINE: Countermeasures
SPECIALTIES: Spills: ice-oil interaction, impact assessment, management/planning, on-scene commander, public relations
SPILL EXPERIENCE: Chronic Spills - Vancouver Harbour, Beaufort Sea Dispersant Trials
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic
EMPLOYER: Private **RECORD NO.:** 1126
123. **HOWES, DON E.** wk 604/356-9300
 fax 604/356-0742
 hm 604/382-7640
 Environmental Emergency Services Branch
 Ministry of Environment
 777 Broughton Street
 Victoria, BC V8V 1X5
OCCUPATION: Geomorphologist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Coastal: geomorphology, mapping, oilspill sensitivity mapping, Spills: management/planning, oil-distribution mapping
SPILL EXPERIENCE: EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Provincial **RECORD NO.:** 1002
124. **HOWES-JONES, DARYL** wk 416/672-9921
 fax 416/672-7784
 hm 519/748-4626
 Trow, Dames and Moore
 7560 Airport Road
 Mississauga, ON L4T 2H5
OCCUPATION: Environmental Planner & Sr. Biologist
DISCIPLINE: Biological
SPECIALTIES: Biostatistics, Birds: distributions, habitat, management, migratory, rehabilitation
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Private **RECORD NO.:** 1650
125. **HUMPHREY, BLAIR** wk 604/385-8888
 fax 604/385-2555
 hm 604/385-8888
 1325 May Street
 Victoria, BC V8S 1B8
OCCUPATION: Hydrocarbon Chemist
DISCIPLINE: Physical/Chemist
SPECIALTIES: Hydrocarbon chemistry: analyses, sampling, techniques, weathering
SPILL EXPERIENCE: BIOS, AMOCO CADIZ, ARROW
REGIONAL EXPERIENCE: Eastern Arctic
EMPLOYER: Private **RECORD NO.:** 1671
126. **IRWIN, ROBERT W.** wk 306/634-4752
 fax 306/634-7188
 hm 306/634-3690
 Esso Resources Canada Ltd.
 68 Souris Avenue
 Estevan, SK S4A 2M3
OCCUPATION: Environmental Advisor
DISCIPLINE: Other
SPECIALTIES: Countermeasures: booms, disposal, equipment general, pumps, skimmers, Environmental: impact
SPILL EXPERIENCE: Chronic Spills - Beaufort Sea, Chronic Spills - Mackenzie River
REGIONAL EXPERIENCE: Beaufort Sea
EMPLOYER: Private **RECORD NO.:** 1612
127. **JANSSEN, HUBERT** wk 403/262-9877
 fax 403/266-5817
 hm 403/271-8890
 Telesat Canada
 #710, 407 Second St., SW
 Calgary, AB T2P 2Y3
OCCUPATION: Telecommunications Specialist
DISCIPLINE: Other
SPECIALTIES: Spills: communications
SPILL EXPERIENCE: RIO ORINOCO
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Private **RECORD NO.:** 1510
128. **JOHNSON, EARL** hm 709/549-2289
 ESRF Management Board
 North Harbour, NF A0E 2H0
OCCUPATION: Fisherman
DISCIPLINE: Other
SPECIALTIES: Fish: commercial: demersal fisheries, oil effects on
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Private **RECORD NO.:** 1615

NATIONAL LISTINGS

- | | |
|---|--|
| <p>129. KEDDIE, GRANT wk 604/387-2416
hm 604/388-9315</p> <p>Royal British Columbia Museum
675 Belleville Street
Victoria, BC V8V 1X4</p> <p>OCCUPATION: Archaeologist
DISCIPLINE: Cultural
SPECIALTIES: Archaeology: coastal, ethnohistory, excavations, resource mapping
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Provincial RECORD NO.: 1257</p> | <p>133. LAFOREST, MICHEL wk 418/681-9220
fax 418/682-5594
hm 418/649-0529</p> <p>Biogenie Inc.
840, rue Ste Therese, #225
Quebec, PQ G1N 1S7</p> <p>OCCUPATION: Bioremediation Specialist
DISCIPLINE: Biological
SPECIALTIES: Bioremediation, Countermeasures: disposal, Environmental: chemistry, impact, Microbiology, Spills: impact assessment
SPILL EXPERIENCE: CZANTORIA
REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River
EMPLOYER: Private RECORD NO.: 1204</p> |
| <p>130. KNIGHT, KATHY wk 709/576-2552
fax 709/576-2071
hm 709/753-2897</p> <p>Nfld. Dept. of Environment & Lands
Environmental Investigations
Elizabeth Towers
St. John's, NF A1B 1R9</p> <p>OCCUPATION: Environmental Specialist
DISCIPLINE: Biological
SPECIALTIES: Algae: Intertidal, Subtidal, Countermeasures: disposal, equipment general, Spills: environmental coordinator, on-scene commander
SPILL EXPERIENCE: Chronic Spills - Newfoundland
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Provincial RECORD NO.: 1067</p> | <p>134. LANE, PATRICIA A. wk 902/423-8197
fax 902/429-8089
hm 902/422-5647</p> <p>P. Lane and Associates Limited
5439 Cogswell Street
Halifax, NS B3J 1R1</p> <p>OCCUPATION: Senior Ecologist
DISCIPLINE: Biological
SPECIALTIES: Benthos: ecology, Oil: dispersants, Spills: fate and effects monitoring, impact assessment, monitoring: biological, Water quality: monitoring
SPILL EXPERIENCE: EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific, Newfoundland & Labrador, Maritimes
EMPLOYER: Private RECORD NO.: 1100</p> |
| <p>131. KOELLER, PETER A. wk 902/426-3523
fax 902/426-7827
hm 902/434-2880</p> <p>Dept. of Fisheries and Oceans
Bedford Institute of Oceanography
P.O. Box 1006
Dartmouth, NS B2Y 4A2</p> <p>OCCUPATION: Administrator
DISCIPLINE: Physical/Chemical
SPECIALTIES: Spills: fate and effects monitoring, impact assessment, modelling, monitoring: biological, chemical, physical
SPILL EXPERIENCE: KURDISTAN, ARROW
REGIONAL EXPERIENCE: Eastern Arctic, Maritimes
EMPLOYER: Federal RECORD NO.: 1093</p> | <p>135. LANGLIER, KEN wk 604/753-1288
fax 604/753-1218
hm 604/756-7777</p> <p>Island Veterinary Hospital
1621 Townsite Road
Nanaimo, BC V9S 1N3</p> <p>OCCUPATION: Veterinarian
DISCIPLINE: other
SPECIALTIES: Birds: raptors, rehabilitation, waterfowl, Marine mammals: rehabilitation, mammals: whales, Toxicology
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private RECORD NO.: 134</p> |
| <p>132. KOHLMAN, DENNIS J. wk 403/296-8926
fax 403/296-3030
hm 403/249-3464</p> <p>Petro-Canada
Box 2844
150 Sixth Avenue SW
Calgary, AB T2P 3E3</p> <p>OCCUPATION: Biologist
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, pumps, shoreline cleanup, skimmers, Spills: ice-oil interaction, on-scene commander
SPILL EXPERIENCE: Smoky River, Latourwell River Spill
REGIONAL EXPERIENCE: Pacific, Beaufort Sea
EMPLOYER: Private RECORD NO.: 1531</p> | <p>136. LAWRENCE, MICHAEL J. wk 204/284-3366
fax 204/477-4173
hm 204/287-2193</p> <p>North/South Consultants Inc.
202 - 1475 Chevrier Blvd
Winnipeg, MB R1Y 1Y7</p> <p>OCCUPATION: Fisheries Habitat Biologist
DISCIPLINE: Biological
SPECIALTIES: Biological sensitivity mapping, Environmental: impact, Estuarine: ecology, Fish: anadromous, habitat, oil effects on
SPILL EXPERIENCE: Chronic Spills - Tuktoyaktuk, Chronic Spills - Beaufort Sea
REGIONAL EXPERIENCE: Beaufort Sea, Eastern Arctic
EMPLOYER: Private RECORD NO.: 1688</p> |

1991 CANADIAN DIRECTORY OF MARINE OILSPILL SPECIALISTS

137. **LEA, BRIAN** wk 604/752-3438
fax 604/248-4932
hm 604/752-3438
- Brian Lea & Associates
Group Box 260, C-2
RR #2
Qualicum Beach, BC V0R 2T0
- OCCUPATION:** Ocean Project Manager
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, operations, vessels, Spills: logistics, management/planning, on-scene commander
SPILL EXPERIENCE: COOSRA
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Maritimes
EMPLOYER: Private **RECORD NO.:** 1129
138. **LEDREW, BEVIN R.** wk 709/576-1458
fax 709/576-2126
hm 709/739-7888
- LeDrew, Fudge & Associates
607 Torbay Road
P.O. Box 9370, Stn. B
St. John's, NF A1A 2Y3
- OCCUPATION:** Fisheries Biologist
DISCIPLINE: Biological
SPECIALTIES: Benthos: ecology, Bioassay testing, Environmental: impact, Fish: anadromous, ecology, Water quality: monitoring
SPILL EXPERIENCE: RIO ORINOCO, Chronic Spills - Newfoundland
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Private **RECORD NO.:** 1022
139. **LEE, JACQUIE S.** hm 604/752-5934
- General Delivery
588 Hemlock Street
Qualicum Beach, BC V0R 2T0
- OCCUPATION:** Marine Biologist
DISCIPLINE: Biological
SPECIALTIES: Countermeasures: shoreline cleanup, Invertebrates
SPILL EXPERIENCE: Greys Harbour Spill - Washington
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private **RECORD NO.:** 96
140. **LEE, KENNETH** wk 418/775-6592
fax 418/775-6542
hm 418/725-3289
- Department of Fisheries & Oceans
Maurice Lamontagne Institute
P. O. Box 1000
Mont-joli, PQ G5H 3Z4
- OCCUPATION:** Research Scientist
DISCIPLINE: Countermeasures
SPECIALTIES: Bioremediation, Countermeasures: shoreline cleanup, Microbiology, Oil: dispersants, Spills: fate and effects monitoring, impact assessment
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Eastern Arctic, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Federal **RECORD NO.:** 1330
141. **LEMON, MOIRA** wk 604/946-8546
hm 604/946-2953
- Canadian Wildlife Service
Environment Canada
Box 340
Delta, BC V4K 3Y3
- OCCUPATION:** Wildlife Technician
DISCIPLINE: Biological
SPECIALTIES: Birds: distributions, habitat, population studies, seabirds
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal **RECORD NO.:** 532
142. **LERICHE, LAURENT J.A.** wk 514/353-9170
fax 514/353-9545
hm 514/967-8419
- Groupe Sanivan
1705 - 3 Avenue
Montreal, PQ H1B 5M9
- OCCUPATION:** Manager, Emergency Services
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, burning, disposal, equipment design, general, pumps
SPILL EXPERIENCE: Chronic Spills - Great Lakes & St. Lawrence
REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River, Maritimes
EMPLOYER: Private **RECORD NO.:** 1224
143. **LEVY, ERIC M.** wk 902/426-3658
fax 902/426-7827
- Department of Fisheries and Oceans
Bedford Institute of Oceanography
P. O. Box 1006
Dartmouth, NS B2Y 4A2
- OCCUPATION:** Scientist/Chemist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Bioremediation, Hydrocarbon chemistry: analyses, chemistry: sampling, techniques, weathering
SPILL EXPERIENCE: ARROW, KURDISTAN, AMOCO CADIZ
REGIONAL EXPERIENCE: Eastern Arctic, Maritimes
EMPLOYER: Federal **RECORD NO.:** 1627
144. **LOUGHROP, ALLAN F.** wk 902/566-7963
fax 902/566-7948
hm 902/874-8725
- Marine Emergencies Branch
Canadian Coast Guard
P.O. Box 1270
Charlotte, PE C1A 7M8
- OCCUPATION:** Buoy Maintenance
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, burning, disposal, equipment general, monitoring, operations
SPILL EXPERIENCE: KURDISTAN, Imperial Oil Spill - Charlottetown
REGIONAL EXPERIENCE: Maritimes
EMPLOYER: Federal **RECORD NO.:** 1657

NATIONAL LISTINGS

- | | | | |
|--|---|---|---|
| <p>145. MACGREGOR, CLIVE</p> <p>Seatech Investigation Services Ltd
P.O. Box 2161, Stn. M
Halifax, NS B3J 4N2</p> <p>OCCUPATION: Chemical Oceanographer
DISCIPLINE: Physical/Chemical
SPECIALTIES: Environmental: chemistry, Hydrocarbon chemistry: sampling, Spills: impact assessment, monitoring: chemical, oil-distribution mapping, Water quality: pollutants
SPILL EXPERIENCE: Uniak G72 Blowout
REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes
EMPLOYER: Private</p> | <p>wk 902/423-5296
fax 902/422-0581
hm 902/823-2815</p> | <p>149. MACKIE, BILL</p> <p>Alaskan Clean Seas
P. O. Box 196010
Anchorage, AK 99519-6010
U.S.A.</p> <p>OCCUPATION: Manager
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, burning, equipment specifications, operations, pumps, skimmers
SPILL EXPERIENCE: EXXON VALDEZ, Chronic Spills - Beaufort Sea
REGIONAL EXPERIENCE: Pacific, Beaufort Sea
EMPLOYER: Private</p> | <p>wk 907/345-8142
fax 907/345-2435
hm 604/656-4797</p> |
| <p>146. MACKAY, DON</p> <p>Chemical Engineering Dept.
University of Toronto
Toronto, ON M5S 1A4</p> <p>OCCUPATION: Professor
DISCIPLINE: Physical/Chemical
SPECIALTIES: Hydrocarbon chemistry: weathering, Oil: dispersants, properties, Spills: fate and effects monitoring, modelling, monitoring: chemical
SPILL EXPERIENCE: BIOS
REGIONAL EXPERIENCE: Beaufort Sea, Great Lakes & St. Lawrence River
EMPLOYER: University</p> | <p>wk 416/978-4019
fax 416/978-8605</p> | <p>150. MACKINTOSH, MIKE</p> <p>Vancouver Board of Parks & Recreation
2099 Beach Avenue
Vancouver, BC V6G 1Z4</p> <p>OCCUPATION: Biologist
DISCIPLINE: Biological
SPECIALTIES: Birds: rehabilitation, seabirds, shorebirds, waterfowl, Marine mammals: oil effects on, mammals: sea otters
SPILL EXPERIENCE: EXXON VALDEZ, Chronic Spills - Vancouver Harbour
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Other</p> | <p>wk 604/683-1040
fax 604/643-2877
hm 604/922-6502</p> |
| <p>147. MACKAY, RON C.</p> <p>Marine Emergencies Branch
Canadian Coast Guard
P. O. Box 1270
Charlottetown, PE C1A 7M8</p> <p>OCCUPATION: District Marine Emergency Officer
DISCIPLINE: Countermeasures
SPECIALTIES: Birds: oil effects on, rehabilitation, Countermeasures: booms, burning, disposal, experimentation
SPILL EXPERIENCE: Chronic Spills - Maritimes, RIO ORINOCO
REGIONAL EXPERIENCE: Maritimes
EMPLOYER: Federal</p> | <p>wk 902/566-7956
fax 902/566-2948
hm 902/892-1127</p> | <p>151. MACKNIGHT, SCOTT</p> <p>OCL Services Limited
320 - 33 Alderney Drive
Dartmouth, NS B2Y 2N4</p> <p>OCCUPATION: Chemical Oceanographer
DISCIPLINE: Physical/Chemical
SPECIALTIES: Countermeasures: disposal, Environmental: chemistry, impact, Water quality: estuarine, quality: monitoring, pollutants
SPILL EXPERIENCE: Uniak G72 Blowout
REGIONAL EXPERIENCE: Maritimes
EMPLOYER: Private</p> | <p>wk 902/463-0114
fax 902/466-5743
hm 902/469-3164</p> |
| <p>148. MACKAY, WILLIAM F.</p> <p>Esso Chemicals Company
4711 Yonge Street
P.O. Box 4029, Terminal "A"
Toronto, ON M5W 1K3</p> <p>OCCUPATION: Emergency Preparedness Manager
DISCIPLINE: Countermeasures
SPECIALTIES: Remote Sensing: aircraft, Spills: communications, logistics, management/planning, on-scene commander, public relations
SPILL EXPERIENCE: EXXON VALDEZ, Chronic Spills - Great Lakes & St. Lawrence
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Private</p> | <p>wk 416/733-5343
fax 416/733-5339
hm 416/881-2171</p> | <p>152. MACMILLAN, BLAIR</p> <p>Marine Emergencies Branch
Canadian Coast Guard
P. O. Box 1013
Dartmouth, NS B2Y 4K2</p> <p>OCCUPATION: Marine Emergency Officer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: operations, shoreline cleanup, Spills: management/planning, on-scene commander
SPILL EXPERIENCE: KURDISTAN, CAMARQUE, LUCIEN PAQUIN, EXXON VALDEZ
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Federal</p> | <p>wk 902/426-7425
fax 902/426-4828
hm 902/466-5098</p> |

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153. **MARKO, JOHN R.** wk 604/656-0177
 fax 604/656-2162
 hm 604/656-1657
 Arctic Sciences Limited
 1986 Mills Road
 R.R. #2
 Sidney, BC V8L 3S1
OCCUPATION: Physicist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Ice forecasting, Remote Sensing: interpretation, Sensing: satellite, Spills: ice-oil interaction, impact assessment, modelling
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Maritimes
EMPLOYER: Private
RECORD NO.: 1566
154. **MARRIE, PATRICK** wk 709/576-3529
 fax 709/576-2071
 hm 709/895-2072
 Nfld. Dept. of Environment & Lands
 Elizabeth Towers
 100 Elizabeth Avenue
 St. John's, NF A1B 1R9
OCCUPATION: Environmental Specialist
DISCIPLINE: Biological
SPECIALTIES: Countermeasures: equipment general, shoreline cleanup, Spills: environmental coordinator, on-scene commander
SPILL EXPERIENCE: Chronic Spills - Newfoundland & Labrador
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Provincial
RECORD NO.: 1069
155. **MARTIN, VINCENT** wk 514/283-2333
 fax 514/283-4423
 hm 514/583-6414
 Environmental Protection Service
 Environment Canada
 1179 Bleury Street
 Montreal, PQ H3B 3H9
OCCUPATION: Emergency Response Officer
DISCIPLINE: Countermeasures
SPECIALTIES: Coastal: mapping, Countermeasures: equipment general, shoreline cleanup, Hydrocarbon chemistry: sampling, Spills: environmental coordinator, oil-distribution mapping
SPILL EXPERIENCE: RIO ORINOCO, MINERVA
REGIONAL EXPERIENCE: Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Federal
RECORD NO.: 1662
156. **MATTHEWS, RAYMOND T.** wk 709/576-5724
 fax 709/576-2071
 hm 709/364-4409
 Nfld. Dept. of Environment & Lands
 Elizabeth Towers
 100 Elizabeth Avenue
 St. John's, NF A1B 1R9
OCCUPATION: Environmental Supervisor
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: burning, disposal, equipment general, operations, shoreline cleanup, Spills: monitoring: physical
SPILL EXPERIENCE: Chronic Spills - Newfoundland
REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes
EMPLOYER: Provincial
RECORD NO.: 1051
157. **MCALLISTER, IAN** wk 604/731-9913
 fax 604/736-7618
 hm 604/224-4772
 McAllister Engineering Limited
 2040 West 12th Avenue
 Vancouver, BC V6J 2G2
OCCUPATION: Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, burning, equipment general, specifications, operations, shoreline cleanup
SPILL EXPERIENCE: ERAWAN/SUN DIAMOND
REGIONAL EXPERIENCE: Pacific, Beaufort Sea
EMPLOYER: Private
RECORD NO.: 1354
158. **MCCOLL, WALLACE D.** wk 613/727-8131
 fax 613/727-9738
 hm 613/692-4357
 Innotech Aviation, Remote Sensing Div.
 Suite 102, 6 Gurdwara Road
 Nepean, ON K2E 8A3
OCCUPATION: Program Manager, Remote Sensing
DISCIPLINE: Countermeasures
SPECIALTIES: Remote Sensing: aircraft, Sensing: instrumentation, interpretation, Spills: impact assessment, oil-distribution mapping, Water quality: monitoring
SPILL EXPERIENCE: ARROW, KURDISTAN, Uniaki G72 Blowout, EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific, Eastern Arctic, Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River, Beaufort Sea
EMPLOYER: Private
RECORD NO.: 1533
159. **MCCOMISKEY, J.E.** wk 709/778-1402
 fax 709/778-1417
 hm 709/834-9886
 Canada-Newfoundland Offshore Petroleum Board
 5th Floor, T-D Place
 140 Water Street
 St. John's, NF A1C 6H6
OCCUPATION: Manager, Environmental Affairs
DISCIPLINE: Other
SPECIALTIES: Spills: management/planning
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Other
RECORD NO.: 1210
160. **MCCUBBIN, RICK** wk 709/778-7279
 fax 709/753-2728
 Hibernia Management and Development Co.
 Suite 1000, 100 New Gower Street
 St. John's, NF A1C 6K3
OCCUPATION: Environmental Coordinator
DISCIPLINE: Biological
SPECIALTIES: Bioassay testing, Habitat: management, Shellfish: habitat, Spills: environmental coordinator, Water quality: monitoring
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Private
RECORD NO.: 1557

NATIONAL LISTINGS

- | | | | |
|---|---|---|---|
| <p>161. MCCULLOCH, WALLY</p> <p>Chemonics Industries (Canada) Ltd.
455 Dene Drive
Kamloops, BC V2H 1J1</p> <p>OCCUPATION: Manager, Foam & Equipment
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: burning
SPILL EXPERIENCE: Chronic Spills - Beaufort Sea
REGIONAL EXPERIENCE: Beaufort Sea
EMPLOYER: Private</p> | <p>wk 604/374-0379
fax 604/828-6232
hm 604/828-2832</p> | <p>165. MCGURK, MICHAEL D.</p> <p>Triton Environmental Consultants Ltd.
120-13511 Commerce Parkway
Richmond, BC V6V 2L1</p> <p>OCCUPATION: Fisheries Scientist
DISCIPLINE: Biological
SPECIALTIES: Fish: oil effects on, pelagic fish, Oceanography: biological, physical, Spills: impact assessment, monitoring: biological
SPILL EXPERIENCE: EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private</p> | <p>wk 604/279-2093
fax 604/279-2047
hm 604/733-9692</p> |
| RECORD NO.: 1610 | | RECORD NO.: 549 | |
| <p>162. MCDONALD, JOHN W.</p> <p>ESL Environmental Sciences Limited
Seakem Group Ltd.
2045 Mills Road
Sidney, BC V8L 3S8</p> <p>OCCUPATION: Physical Oceanographer
DISCIPLINE: Physical/Chemical
SPECIALTIES: Biological sensitivity mapping, Coastal: oilspill sensitivity mapping, Oceanography: physical, Spills: impact assessment, oil-distribution mapping
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private</p> | <p>wk 604/656-1922
fax 604/655-3435
hm 604/656-9250</p> | <p>166. MCINERNEY, JOHN</p> <p>Bamfield Marine Station
Bamfield, BC V0R 1B0</p> <p>OCCUPATION: Biologist
DISCIPLINE: Biological
SPECIALTIES: Aquaculture: finfish, shellfish, Birds: seabirds, Fish: ecology, Habitat: intertidal, Invertebrates
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: University</p> | <p>wk 604/728-3301
fax 604/728-3452
hm 604/728-3259</p> |
| RECORD NO.: 319 | | RECORD NO.: 97 | |
| <p>163. MCELDERRY, H.</p> <p>Archipelago Marine Research Ltd.
11-1140 Fort Street
Victoria, BC V8V 3K8</p> <p>OCCUPATION: Fisheries Biologist
DISCIPLINE: Biological
SPECIALTIES: Benthos: ecology, invertebrates, Fish: commercial: demersal fisheries, commercial: pelagic fisheries, demersal fish, ecology
SPILL EXPERIENCE: NESTUCCA, EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific, Beaufort Sea
EMPLOYER: Private</p> | <p>wk 604/383-4535
fax 604/383-0103</p> | <p>167. MCKELVEY, R.</p> <p>Canadian Wildlife Service
Environment Canada
P.O. Box 340
Delta, BC V4K 3Y3</p> <p>OCCUPATION: Waterfowl Resource Manager
DISCIPLINE: Biological
SPECIALTIES: Birds: distributions, habitat, management, seabirds, shorebirds, waterfowl
SPILL EXPERIENCE: NESTUCCA, ARCTURUS, Chronic Spills - BC
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal</p> | <p>wk 604/946-8546
fax 604/946-7022</p> |
| RECORD NO.: 114 | | RECORD NO.: 138 | |
| <p>164. MCGONIGAL, DAVE</p> <p>Canatec Consultants Ltd.
100, 3553 - 31 St. NW
Calgary, AB T2L 2K7</p> <p>OCCUPATION: Ice and Ocean Engineering
DISCIPLINE: Other
SPECIALTIES: Coastal: geomorphology, Ice forecasting, Oceanography: physical, Spills: environmental coordinator, logistics
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Beaufort Sea
EMPLOYER: Private</p> | <p>wk 403/282-5321
fax 403/289-0465
hm 403/283-4890</p> | <p>168. MCKENZIE, BRUCE D.</p> <p>Alaska Clean Seas
P.O. Box 196010
Anchorage, AK 99519-6010
USA</p> <p>OCCUPATION: Manager, Planning & Devel. Spill Resp.
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: burning, equipment general, operations, Spills: management/planning
SPILL EXPERIENCE: EXXON VALDEZ, TUTSI II, Chronic Spills - Beaufort Sea
REGIONAL EXPERIENCE: Beaufort Sea
EMPLOYER: Private</p> | <p>wk 907/345-3142
fax 907/345-2435
hm 907/345-2857</p> |
| RECORD NO.: 1537 | | RECORD NO.: 1548 | |

1991 CANADIAN DIRECTORY OF MARINE OILSPILL SPECIALISTS

169. **MCLAREN, PATRICK** wk 604/653-4060
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 hm 604/653-4060
 GeoSea Consulting (Canada) Limited
 General Delivery
 Fulford Harbour, BC VOS 1C0
- OCCUPATION:** Coastal Geologist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Coastal: geomorphology, mapping, oilspill sensitivity mapping, processes, Spills: fate and effects monitoring, monitoring: physical
SPILL EXPERIENCE: Eagle Creek, Whyte Cliffs, AMMAZONE, AMOCO CADIZ
REGIONAL EXPERIENCE: Pacific, Eastern Arctic, Newfoundland & Labrador
EMPLOYER: Private **RECORD NO.:** 1131
170. **MILES, MICHAEL** wk 604/595-0653
 fax 604/595-0653
 hm 604/595-0653
 M. Miles and Associates Ltd.
 645 Island Road
 Victoria, BC V8S 2T7
- OCCUPATION:** Geomorphologist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Coastal: geomorphology, mapping, oilspill sensitivity mapping, processes, Countermeasures: shoreline cleanup, Spills: impact assessment
SPILL EXPERIENCE: EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Newfoundland & Labrador
EMPLOYER: Private **RECORD NO.:** 512
171. **MOCHE, EVA** wk 204/474-8152
 fax 204/261-0038
 hm 204/895-0355
 Natural Resources Institute
 University of Manitoba
 932 Dale Road
 Winnipeg, MB R3R 2H4
- OCCUPATION:** Geologist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Coastal: geomorphology, Countermeasures: disposal, shoreline cleanup, Spills: environmental coordinator, impact assessment, management/planning
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: University **RECORD NO.:** 1214
172. **MONTEREY, DEAN D.E.** wk 604/356-7721
 fax 604/356-0743
 hm 604-383-1838
 Environmental Emergency Services Branch
 Ministry of Environment
 777 Broughton Street
 Victoria, BC V8V 1X5
- OCCUPATION:** Manager, Plans and Operations
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: equipment general, operations, shoreline cleanup, Spills: logistics, management/planning, on-scene commander
SPILL EXPERIENCE: NESTUCCA, EXXON VALDEZ, RUBIN LOTUS, Persian Gulf
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Provincial **RECORD NO.:** 1689
173. **MONTEVECCHI, BILL** wk 709/737-7673
 fax 709/737-4000
 hm 709/895-2901
 Memorial University of Newfoundland
 St. John's, NF A1C 5S7
- OCCUPATION:** Seabird Biologist
DISCIPLINE: Biological
SPECIALTIES: Birds: distributions, oil effects on, seabirds, waterfowl, Environmental: impact, Oceanography: biological
SPILL EXPERIENCE: Chronic Spills - Newfoundland
REGIONAL EXPERIENCE: Pacific, Newfoundland & Labrador
EMPLOYER: University **RECORD NO.:** 1036
174. **MORGAN, KEN** wk 604/655-1987
 9604 Barnes Place
 Sidney, BC V8L 4W9
- OCCUPATION:** Seabird Biologist
DISCIPLINE: Biological
SPECIALTIES: Birds: distributions, population studies, raptors, seabirds, shorebirds, waterfowl
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private **RECORD NO.:** 511
175. **MORRIS, DAVE** wk 604/986/2189
 fax 604/986-6978
 hm 604/987-6774
 Morris Industries Limited
 1520 Columbia Street
 North Vancouver, BC V7J 1A4
- OCCUPATION:** Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, equipment design, general, experimentation, shoreline cleanup, skimmers
SPILL EXPERIENCE: South China Sea, Singapore, Portugal, Aruba
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private **RECORD NO.:** 1373
176. **MORRISON, DOUG C.** wk 604/758-3951
 fax 604/755-2473
 hm 604/758-5361
 Habitat Protection Section
 Ministry of Environment
 2569 Kenworth Road
 Nanaimo, BC V9T 4P7
- OCCUPATION:** Habitat Biologist
DISCIPLINE: Biological
SPECIALTIES: Biological sensitivity mapping, Birds: habitat, Countermeasures: disposal, Estuarine: habitat, Fish: habitat, Habitat: management
SPILL EXPERIENCE: EXXON VALDEZ, Sooke Mystery Spill
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Provincial **RECORD NO.:** 124

NATIONAL LISTINGS

- | | | | |
|--|---|---|---|
| <p>177. MUNRO, BILL</p> <p>Wildlife Branch
Ministry of Environment
780 Blanshard Street
Victoria, BC V8V 1X5</p> <p>OCCUPATION: Bird Biologist
DISCIPLINE: Biological
SPECIALTIES: Birds: distributions, habitat, management, migratory, raptors, waterfowl
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Provincial</p> | <p>wk 604/387-9764
fax 604/356-9145
hm 604/383-9896</p> | <p>181. NEVILLE, ROBERT A.</p> <p>Canada Centre for Remote Sensing
2464 Sheffield Road
Ottawa, ON K1A 0Y7</p> <p>OCCUPATION: Research Scientist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Remote Sensing: aircraft, Sensing: instrumentation, interpretation
SPILL EXPERIENCE: KURDISTAN, Chronic Spills - Great Lakes & St. Lawrence, COOSRA
REGIONAL EXPERIENCE: Eastern Arctic, Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Federal</p> | <p>wk 613/998-9060
fax 613/993-5022
hm 613/726-6517</p> |
| <p>RECORD NO.: 127</p> | | | |
| <p>178. NAGORSEN, DAVID W.</p> <p>Royal British Columbia Museum
675 Belleville St.
Victoria, BC V8V 1X4</p> <p>OCCUPATION: Mammalogist
DISCIPLINE: Biological
SPECIALTIES: Marine mammals: pinnipeds, mammals: sea otters, whales, Terrestrial mammals: bears, caribou/deer/moose, otters
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Provincial</p> | <p>wk 604/387-2933
hm 604/478-5143</p> | <p>182. O'NEIL, R. A.</p> <p>Canada Centre for Remote Sensing
2464 Sheffield Road
Ottawa, ON K1A 0Y7</p> <p>OCCUPATION: Remote Sensing Specialist
DISCIPLINE: Other
SPECIALTIES: Coastal: mapping, Remote Sensing: aircraft, Sensing: instrumentation, interpretation, satellite, Spills: oil-distribution mapping
SPILL EXPERIENCE: KURDISTAN, Beaufort Sea Dispersant Trials, COOSRA
REGIONAL EXPERIENCE: Eastern Arctic, Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Federal</p> | <p>wk 613/952-2777
fax 613/952-9783</p> |
| <p>RECORD NO.: 157</p> | | <p>RECORD NO.: 1320</p> | |
| <p>179. NEARY, KEVIN</p> <p>Royal British Columbia Museum
675 Belleville Street
Victoria, BC V8V 1X4</p> <p>OCCUPATION: Anthropologist
DISCIPLINE: Cultural
SPECIALTIES: Archaeology: coastal, ethnohistory, resource mapping, Subsistence resources
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Provincial</p> | <p>wk 604/387-2231
fax 604/356-8197
hm 604/386-7378</p> | <p>183. OLESIUK, PETER F.</p> <p>Pacific Biological Station
Dept. of Fisheries and Oceans
Hammond Bay Road
Nanaimo, BC V9R 5K6</p> <p>OCCUPATION: Marine Mammals Biologist
DISCIPLINE: Biological
SPECIALTIES: Marine mammals: pinnipeds, mammals: sea otters, whales
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal</p> | <p>wk 604/756-7254
fax 604/756-7053
hm 604/753-3478</p> |
| <p>RECORD NO.: 231</p> | | <p>RECORD NO.: 523</p> | |
| <p>180. NEILY, LARRY E.</p> <p>Innotech Aviation
Suite 102, 6 Gurdwara Rd.
Nepean, ON K2E 8A3</p> <p>OCCUPATION: Remote Sensing
DISCIPLINE: Other
SPECIALTIES: Biological sensitivity mapping, Coastal: mapping, Remote Sensing: aircraft, Sensing: interpretation, Spills: impact assessment, oil-distribution mapping
SPILL EXPERIENCE: EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private</p> | <p>wk 613/727-8131
fax 613/727-9738
hm 613/722-1633</p> | <p>184. OWENS, EDWARD H.</p> <p>Woodward-Clyde Consultants
3440 Bank of California Centre
900 4th Avenue
Seattle, WA 98164
U.S.A.</p> <p>OCCUPATION: Geologist
DISCIPLINE: Countermeasures
SPECIALTIES: Coastal: geomorphology, mapping, oilspill sensitivity mapping, processes, Countermeasures: shoreline cleanup, Spills: fate and effects monitoring
SPILL EXPERIENCE: EXXON VALDEZ, NESTUCCA, ARROW, Persian Gulf
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Private</p> | <p>wk 206/343-7933
fax 206/343-0513
hm 206/842-6255</p> |
| <p>RECORD NO.: 1530</p> | | <p>RECORD NO.: 1134</p> | |

1991 CANADIAN DIRECTORY OF MARINE OILSPILL SPECIALISTS

185. **PALCZYNSKI, RICHARD J.** wk 902/423-8197
 fax 902/429-8089
 hm 902/542-9891
 P. Lane & Associates Limited
 5439 Cogswell Street
 Halifax, NS B3J 1R1
 OCCUPATION: Environmental Engineer
 DISCIPLINE: Physical/Chemical
 SPECIALTIES: Countermeasures: experimentation, Oil: properties, Spills:
 environmental coordinator, impact assessment, modelling, monitoring:
 physical
 SPILL EXPERIENCE: Texaco Nigeria
 REGIONAL EXPERIENCE: Maritimes
 EMPLOYER: Private
 RECORD NO.: 1215
186. **PARE, JOCELYN** wk 613/998-9622
 fax 613/991-9485
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 Environment Canada
 River Road Environmental Tech. Cte.
 3439 River Road
 Ottawa, ON K1A 0H3
 OCCUPATION: Analytical Programs
 DISCIPLINE: Physical/Chemical
 SPECIALTIES: Hydrocarbon chemistry: analyses
 SPILL EXPERIENCE: None
 REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic,
 Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
 EMPLOYER: Federal
 RECORD NO.: 1216
187. **PARK, JOHN M.** wk 604/253-4188
 fax 604/253-6700
 hm 604/988-3522
 ASL Analytical Services Laboratories Ltd.
 1988 Triumph Street
 Vancouver, BC V5L 1K5
 OCCUPATION: Analytical Chemist
 DISCIPLINE: Physical/Chemical
 SPECIALTIES: Hydrocarbon chemistry: analyses, Organic chemistry, Water
 quality: estuarine, quality: monitoring, pollutants
 SPILL EXPERIENCE: None
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Private
 RECORD NO.: 1675
188. **PARSONS, JOHN L.** wk 902/469-2420
 hm 902/469-2420
 John Parsons and Associates
 P.O. Box 405
 Dartmouth, NS B2Y 3Y5
 OCCUPATION: Environmental Biologist
 DISCIPLINE: Biological
 SPECIALTIES: Birds: distributions, oil effects on, rehabilitation,
 Environmental: impact, Marine mammals: oil effects on, mammals: pinnipeds
 SPILL EXPERIENCE: KURDISTAN, Uniaké G72 Blowout
 REGIONAL EXPERIENCE: Beaufort Sea, Eastern Arctic, Newfoundland &
 Labrador, Maritimes
 EMPLOYER: Private
 RECORD NO.: 1101
189. **PARSONS, TIMOTHY R.** wk 604/228-4273
 fax 604/228-6091
 hm 604/224-1303
 University of British Columbia
 Department of Oceanography
 6270 University Boulevard
 Vancouver, BC V6T 1W5
 OCCUPATION: Professor
 DISCIPLINE: Biological
 SPECIALTIES: Algae: Planktonic, Archaeology: coastal, Estuarine: ecology,
 Habitat: intertidal, Oceanography: biological, Water quality: estuarine
 SPILL EXPERIENCE: TORREY CANYON, AMOCO CADIZ, IRISH
 STARDUST
 REGIONAL EXPERIENCE: Pacific, Beaufort Sea
 EMPLOYER: University
 RECORD NO.: 106
190. **PAYNE, JERRY F.** wk 709/772-2089
 fax 709/772-2156
 hm 709/754-5833
 Department of Fisheries and Oceans
 Northwest Atlantic Fisheries Centre
 P.O. Box 5667
 St. John's, NF A1C 5X1
 OCCUPATION: Environmental Toxicologist
 DISCIPLINE: Biological
 SPECIALTIES: Fish: oil effects on, tainting, Oil: dispersants, toxicity,
 Toxicology, Water quality: monitoring
 SPILL EXPERIENCE: Chronic Spills - Newfoundland & Labrador
 REGIONAL EXPERIENCE: Newfoundland & Labrador
 EMPLOYER: Federal
 RECORD NO.: 1045
191. **PEARCE, L.D.** wk 604/363-3621
 fax 604/363-3995
 Emergency Preparedness Canada
 P.O. Box 10,000
 Victoria, BC V8W 3A5
 OCCUPATION: Emergency Preparedness
 DISCIPLINE: Other
 SPECIALTIES: Spills: management/planning
 SPILL EXPERIENCE: NESTUCCA, EXXON VALDEZ
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Federal
 RECORD NO.: 571
192. **PELLETIER, E.** wk 418/724-1764
 fax 418/723-7234
 INRS - Oceanologie
 310 Avenue des Ursulines
 Rimouski, PQ G5L 3A1
 OCCUPATION: Marine Chemist
 DISCIPLINE: Physical/Chemical
 SPECIALTIES: Algae: Planktonic, Aquaculture: shellfish, Hydrocarbon
 chemistry: analyses, Oil: dispersants, toxicity, Water quality: estuarine
 SPILL EXPERIENCE: CZANTORIA, Pointe - Levis
 REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River
 EMPLOYER: University
 RECORD NO.: 1333

NATIONAL LISTINGS

193. **PELLY, GORDON** wk 709/772-4285
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 Environmental Protection Service
 Environment Canada
 P.O. Box 5037
 St. John's, NF A1C 5V3
 OCCUPATION: Environmental Emergency Co-ordinator
 DISCIPLINE: Countermeasures
 SPECIALTIES: Countermeasures: operations, operations, shoreline cleanup,
 Hydrocarbon chemistry: sampling, Spills: environmental coordinator,
 management/planning
 SPILL EXPERIENCE: Chronic Spills - Newfoundland & Labrador
 REGIONAL EXPERIENCE: Newfoundland & Labrador
 EMPLOYER: Federal RECORD NO.: 1062
194. **PERCY, ROGER J.** wk 902/426-2576
 fax 902/426-9709
 hm 902/889-2260
 Environment Canada
 15th Floor, Queen Square
 45 Alderney Drive
 Dartmouth, NS B2Y 2N6
 OCCUPATION: Biologist
 DISCIPLINE: Biological
 SPECIALTIES: Countermeasures: monitoring, shoreline cleanup, Spills:
 environmental coordinator, impact assessment, management/planning, monitoring:
 biological
 SPILL EXPERIENCE: KURDISTAN, CANVARQUE, Uniak G72 Blowout
 REGIONAL EXPERIENCE: Beaufort Sea, Newfoundland & Labrador,
 Maritimes
 EMPLOYER: Federal RECORD NO.: 1097
195. **PETT, ROBERT J.** wk 902/423-8197
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 hm 902/429-3085
 P. Lane and Associates Limited
 5439 Cogswell Street
 Halifax, NS B3J 1R1
 OCCUPATION: Environmental Consultant
 DISCIPLINE: Physical/Chemical
 SPECIALTIES: Oceanography: biological, Oil: dispersants, Spills: fate and
 effects monitoring, Water quality: estuarine, quality: monitoring, Wetlands:
 ecology
 SPILL EXPERIENCE: EXXON VALDEZ
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Private RECORD NO.: 11
196. **PILKINGTON, ROGER** wk 403/282-5321
 fax 403/289-0465
 hm 403/239-0370
 Canatec Consultants Limited
 110, 3553 - 31 St. N.W.
 Calgary, AB T2L 2K7
 OCCUPATION: Consultant
 DISCIPLINE: Other
 SPECIALTIES: Coastal: oilspill sensitivity mapping, Countermeasures:
 experimentation, Ice ecology, forecasting, Remote Sensing: interpretation, Spills:
 ice-oil interaction, management/planning, modelling
 SPILL EXPERIENCE: None
 REGIONAL EXPERIENCE: Beaufort Sea
 EMPLOYER: Private RECORD NO.: 1217
197. **PITCHER, DAVID** wk 902/468-7777
 fax 902/468-9009
 hm 902/466-6668
 Jacques Whitford & Associates
 3 Spectacle Lake Drive
 Dartmouth, NS B3B 1W8
 OCCUPATION: Biologist
 DISCIPLINE: Biological
 SPECIALTIES: Biological sensitivity mapping, Coastal: oilspill sensitivity
 mapping, Countermeasures: shoreline cleanup, Environmental: impact, Fish:
 commercial: demersal fisheries, commercial: pelagic fisheries
 SPILL EXPERIENCE: SOUTH ANGELA
 REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes
 EMPLOYER: Private RECORD NO.: 8
198. **POLYCK, JOHN A.** wk 403/667-3227
 fax 403/668-4070
 hm 403/668-4983
 DIAND (Northern Affairs)
 200 Range Road
 Whitehorse, YT Y1A 3V1
 OCCUPATION: Water Management
 DISCIPLINE: Physical/Chemical
 SPECIALTIES: Environmental: impact, Spills: environmental coordinator,
 management/planning, monitoring: physical, on-scene commander, public
 relations
 SPILL EXPERIENCE: Chronic Spills - Yukon
 REGIONAL EXPERIENCE: Beaufort Sea
 EMPLOYER: Federal RECORD NO.: 1219
199. **POND, STEPHEN G.** wk 604/666-0002
 fax 604/666-6858
 hm 604/987-4140
 Conservation and Protection
 Environment Canada
 224 West Esplanade
 North Vancouver, BC V7M 3H7
 OCCUPATION: Biologist
 DISCIPLINE: Biological
 SPECIALTIES: Countermeasures: equipment general, Spills: environmental
 coordinator, impact assessment, management/planning
 SPILL EXPERIENCE: NESTUCCA, Chronic Spills - BC
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Federal RECORD NO.: 1136
200. **PORTER, STUART** wk 709/772-4695
 fax 709/722-2593
 hm 709/722-1575
 Atmospheric Environment Service
 Building 303, Pleasantville
 P.O. Box 9490
 St. John's, NF A1A 2Y4
 OCCUPATION: Scientific Meteorologist
 DISCIPLINE: Physical/Chemical
 SPECIALTIES: Meteorology: forecasting
 SPILL EXPERIENCE: None
 REGIONAL EXPERIENCE: Newfoundland & Labrador
 EMPLOYER: Federal RECORD NO.: 1007

1991 CANADIAN DIRECTORY OF MARINE OILSPILL SPECIALISTS

201. **POTTER, STEVE** wk 613/232-1564
 fax 613/232-6660
 hm 613/729-5119
 S.L. Ross Environmental Research Ltd.
 Suite 200-717 Belfast Road
 Ottawa, ON K1G 0Z4
OCCUPATION: Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, burning, equipment general, experimentation, skimmers, Spills: management/planning
SPILL EXPERIENCE: UBLEREAk, Chronic Spills - Beaufort Sea, Mckinley Bay Experimental Spill
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Private **RECORD NO.:** 1349
202. **POULIN, MARTIN E.** wk 604/684-0516
 fax 604/684-2357
 hm 604/732-7016
 D.F. Dickins Associates Ltd.
 Suite 501A
 21 Water Street
 Vancouver, BC V6B 1A1
OCCUPATION: Engineer
DISCIPLINE: Other
SPECIALTIES: Coastal: mapping, oilspill sensitivity mapping, Ice forecasting
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic
EMPLOYER: Private **RECORD NO.:** 1539
203. **PROVENCHER, MARC** wk 514/283-2333
 fax 514/283-4423
 hm 514/935-2574
 Environmental Protection Service
 Environment Canada
 1179 Bleury Street
 Montreal, PQ H3B 3H9
OCCUPATION: Emergency Response Officer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: equipment general, shoreline cleanup, Hydrocarbon chemistry: sampling, Spills: environmental coordinator, impact assessment
SPILL EXPERIENCE: RIO ORINOCO, Chronic Spills - Great Lakes & St. Lawrence
REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River
EMPLOYER: Federal **RECORD NO.:** 1660
204. **PUNT, MONIQUE M.** wk 613/991-1840
 fax 613/991-1673
 hm 613/594-3496
 Emergencies Engineering Division
 Environment Canada
 3439 River Road
 Ottawa, ON K1A 0H3
OCCUPATION: Chemical Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, burning, disposal, equipment design, experimentation, skimmers
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Federal **RECORD NO.:** 1221
205. **REIMER, DOUGLAS P.** wk 604/478-9727
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 hm 604/478-9727
 EML Environmental Mapping
 273 Portsmouth Drive
 Victoria, BC V9C 1S1
OCCUPATION: Marine Geologist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Bioremediation, Coastal: geomorphology, mapping, oilspill sensitivity mapping, Spills: fate and effects monitoring, impact assessment
SPILL EXPERIENCE: EXXON VALDEZ, Persian Gulf
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic, Newfoundland & Labrador
EMPLOYER: Private **RECORD NO.:** 1137
206. **RICHARDSON, W. JOHN** wk 416/833-1244
 fax 416/833-1255
 hm 416/226-6308
 LGL Limited
 P.O. Box 280
 King City, ON LOG 1K0
OCCUPATION: Ornithology/Marine Mammology
DISCIPLINE: Biological
SPECIALTIES: Birds: distributions, migratory, population studies, Marine mammals: oil effects on, mammals: whales, Spills: impact assessment
SPILL EXPERIENCE: BIOS
REGIONAL EXPERIENCE: Beaufort Sea, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Private **RECORD NO.:** 1561
207. **RIEBEL, PHILIPPE N.** wk 514/487-9922
 fax 514/487-5519
 Beak Consultants Limited
 3285 Cavendish Blvd
 Suite 610
 Montreal, PQ H4B 2L9
OCCUPATION: Aquatic Toxicologist
DISCIPLINE: Biological
SPECIALTIES: Bioassay testing, Oceanography: biological, Oil: toxicity, Spills: ice-oil interaction, impact assessment, monitoring: biological
SPILL EXPERIENCE: Chronic Spills - Great Lakes & St. Lawrence
REGIONAL EXPERIENCE: Eastern Arctic, Great Lakes & St. Lawrence River
EMPLOYER: Private **RECORD NO.:** 1593
208. **RIPLEY, HERB** wk 902/873-3655
 fax 902/873-3571
 hm 902/462-3242
 Geomatic Technologies Inc.
 P.O. Box 160
 Enfield, NS B0N 1N0
OCCUPATION: Remote Sensing Specialist
DISCIPLINE: Other
SPECIALTIES: Plankton, Remote Sensing: aircraft, Sensing: instrumentation, interpretation, satellite, Water quality: pollutants
SPILL EXPERIENCE: COOSRA, Oil In Pack Ice Experiment
REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes
EMPLOYER: Private **RECORD NO.:** 1103

NATIONAL LISTINGS

209. **RIVET, CLAUDE** wk 514/283-2333
 fax 514/283-4423
 hm 514/658-3066
 Environmental Protection Service
 2nd Floor
 1179 Bleury Street
 Montreal, PQ H3B 3H9
OCCUPATION: Operations Manager
DISCIPLINE: Countermeasures
SPECIALTIES: Coastal: mapping, Countermeasures: shoreline cleanup, Environmental: chemistry, Spills: environmental coordinator, management/planning, on-scene commander
SPILL EXPERIENCE: CZANTORIA, Pointe - Levis
REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River
EMPLOYER: Federal **RECORD NO.:** 1315
210. **ROBERTSON, IAN** wk 604/299-4144
 fax 604/299-1455
 hm 604/530-1080
 Gartner Lee
 6400 Roberts Street, Suite 490
 Burnaby, BC V5G 4C9
OCCUPATION: Wildlife Biologist
DISCIPLINE: Biological
SPECIALTIES: Birds: distributions, seabirds, waterfowl, Spills: management/planning
SPILL EXPERIENCE: Salmon River, URQUIOLA, Steveston BC
REGIONAL EXPERIENCE: Pacific, Beaufort Sea
EMPLOYER: Private **RECORD NO.:** 1138
211. **ROBERTSON, JULIA** wk 604/685-3865
 fax 604/631-2529
 hm 604/985-7149
 Vancouver Public Aquarium
 P.O.Box 3232
 Vancouver, BC V6B 3X8
OCCUPATION: Aviculturist
DISCIPLINE: Biological
SPECIALTIES: Birds: management, rehabilitation, seabirds, shorebirds, waterfowl
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private **RECORD NO.:** 530
212. **ROBILLIARD, GORDON A.** wk 415/935-9220
 fax 415/935-5368
 hm 415/935-4346
 ENTRIX INC.
 2125 Oak Grove Road
 Suite 300
 Walnut Creek, CA 94598
 USA
OCCUPATION: Marine Ecologist
DISCIPLINE: Biological
SPECIALTIES: Benthos: ecology, Biological sensitivity mapping, Spills: environmental coordinator, fate and effects monitoring, impact assessment, monitoring: biological
SPILL EXPERIENCE: MV PUERTO RICAN, EXXON VALDEZ, AMERICAN TRADER, Texaco Barge - Anacortes, Chevron Hawaiian Pipeline
REGIONAL EXPERIENCE: Pacific, Beaufort Sea
EMPLOYER: Private **RECORD NO.:** 1553
213. **ROBSON, WISHART** wk 403/296-3553
 fax 403/296-3030
 hm 403/271-8147
 Petro-Canada
 P.O. Box 2844
 Calgary, AB T2P 3E3
OCCUPATION: Environmental & Safety Specialist
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: disposal, shoreline cleanup, Environmental: impact, Spills: management/planning, oil-distribution mapping, on-scene commander
SPILL EXPERIENCE: BIOS, ALVENUS, METULA, AMOCO CADIZ, Chronic Spills - Vancouver Harbour
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Private **RECORD NO.:** 1139
214. **RODWAY, MICHAEL S.** wk 604/946-8546
 wk 604/666-0143
 wk 604/940-0110
 Canadian Wildlife Service
 Environment Canada
 P.O. Box 340
 Delta, BC V4K 3Y3
OCCUPATION: Seabird Biologist
DISCIPLINE: Biological
SPECIALTIES: Birds: distributions, habitat, population studies, seabirds, waterfowl, Spills: impact assessment
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal **RECORD NO.:** 531
215. **ROSS, CAL** wk 902/798-9229
 fax 902/798-4556
 hm 902/798-3743
 Valley Environmental Services
 620 Castle Frederick Road
 RR #2
 Falmouth, NS B0P 1L0
OCCUPATION: Marine Biologist
DISCIPLINE: Biologist
SPECIALTIES: Coastal: oilspill sensitivity mapping, Legal: compensation, Oil: properties, Spills: environmental coordinator, fate and effects monitoring, management/planning
SPILL EXPERIENCE: IMPERIAL ST. CLAIR, Ixtoc Blowout, IMPERIAL SARNIA, KURDISTAN, Uniak G72 Blowout
REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Private **RECORD NO.:** 1104
216. **ROSS, SY L.** wk 613/232-1564
 fax 613/232-6660
 hm 613/232-1564
 S.L. Ross Environmental Research Ltd.
 Suite 200, 717 Belfast Road
 Ottawa, ON K1G 0Z4
OCCUPATION: Chemical Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: equipment general, experimentation, Oil: dispersants, properties, Spills: management/planning, modelling
SPILL EXPERIENCE: Ixtoc Blowout
REGIONAL EXPERIENCE: Beaufort Sea
EMPLOYER: Private **RECORD NO.:** 1194

1991 CANADIAN DIRECTORY OF MARINE OILSPILL SPECIALISTS

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|--|--|
| <p>217. ROWE, R.D. wk 403/220-5788
fax 403/282-8406
hm 403/247-3575</p> <p>University of Calgary
Mechanical Engineering Dept.
Calgary, AB T2N 1N4</p> <p>OCCUPATION: Engineering Professor
DISCIPLINE: Physical/Chemical
SPECIALTIES: Countermeasures: experimentation, Oceanography: physical, Spills: modelling
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific
EMPLOYER: University</p> <p style="text-align: right;">RECORD NO.: 1225</p> | <p>221. SAMSON, PIERRE wk 418/837-3641
fax 418/835-3106
hm 418/651-5585</p> <p>Ultramar Canada Inc.
Caisse Postale 2055
Saint Romuald Refinery
Saint Romuald, PQ G6W 5M4</p> <p>OCCUPATION: Chemical Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: equipment general, operations, shoreline cleanup, Spills: environmental coordinator, management/planning, on-scene commander
SPILL EXPERIENCE: Chronic Spills - Great Lakes & St. Lawrence
REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River
EMPLOYER: Private</p> <p style="text-align: right;">RECORD NO.: 1227</p> |
| <p>218. RUSSELL, R. wk 604/756-7291
fax 604/758-9600</p> <p>Dept. of Fisheries and Oceans
South Coast Region
3225 Stephenson Point Road
Nanaimo, BC V9T 1K3</p> <p>OCCUPATION: Habitat Biologist
DISCIPLINE: Biological
SPECIALTIES: Algae: Intertidal, Subtidal, Estuarine: habitat, Fish: habitat, Habitat: intertidal, Plants: intertidal
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal</p> <p style="text-align: right;">RECORD NO.: 149</p> | <p>222. SAUNDERS, M. wk 604/756-7154
fax 604/756-7073</p> <p>Pacific Biological Station
Dept. of Fisheries and Oceans
Hammond Bay Road
Nanaimo, BC V9R 5K6</p> <p>OCCUPATION: Fisheries Biologist
DISCIPLINE: Biological
SPECIALTIES: Fish: commercial: demersal fisheries, commercial: pelagic fisheries, ecology, habitat, population studies
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal</p> <p style="text-align: right;">RECORD NO.: 36</p> |
| <p>219. RUTHERFORD, DOUGLAS wk 709/739-7535
hm 709/739-7535</p> <p>17 Dick's Square
St. John's, NF A1C 4A7</p> <p>OCCUPATION: Archaeologist
DISCIPLINE: Cultural
SPECIALTIES: Archaeology: coastal, excavations, resource mapping, Benthos: ecology
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes
EMPLOYER: Private</p> <p style="text-align: right;">RECORD NO.: 1588</p> | <p>223. SEIF, FARHAD wk 416/730-2000
fax 416/730-2151</p> <p>Petro-Canada
5140 Yonge Street
Suite 200
North York, ON M2N 6L6</p> <p>OCCUPATION: Manager
DISCIPLINE: Physical/Chemical
SPECIALTIES: Hydrocarbon chemistry: analyses, sampling, techniques, weathering
SPILL EXPERIENCE: TOVE COB
REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River
EMPLOYER: Private</p> <p style="text-align: right;">RECORD NO.: 1560</p> |
| <p>220. RYAN, PIERRE C. wk 709/772-5585
fax 709/772-6309
hm 709/437-6765</p> <p>Canadian Wildlife Service
Environment Canada
P.O. Box 9158, Stn. B
St. John's, NF A1A 2X9</p> <p>OCCUPATION: Wildlife Biologist
DISCIPLINE: Biological
SPECIALTIES: Archaeology: resource mapping, Benthos: ecology, Birds: distributions, waterfowl, Spills: environmental coordinator, monitoring: biological
SPILL EXPERIENCE: Chronic Spills - Newfoundland
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Federal</p> <p style="text-align: right;">RECORD NO.: 1061</p> | <p>224. SERGY, GARY wk 403/468-8039
fax 403/495-2615
hm 403/438-9464</p> <p>Technology Development Branch
Environment Canada
210 - 4999 98th Avenue
Edmonton, AB T6B 2X3</p> <p>OCCUPATION: Pollution Emergencies Scientist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Bioassay testing, Countermeasures: experimentation, shoreline cleanup, Spills: fate and effects monitoring, impact assessment, management/planning
SPILL EXPERIENCE: BIOS, EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific, Eastern Arctic, Newfoundland & Labrador
EMPLOYER: Federal</p> <p style="text-align: right;">RECORD NO.: 1140</p> |

NATIONAL LISTINGS

225. **SEVERIN, WILLIAM J.** wk 416/335-2321
 fax 416/681-1195
 hm 416/336-6337
 Sanivan Inc.
 368 Mack Avenue
 Sarnia, ON
OCCUPATION: Manager Industrial Services
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, operations, pumps, shoreline cleanup, skimmers, Spills: environmental coordinator
SPILL EXPERIENCE: Chronic Spills - Great Lakes & St. Lawrence
REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River
EMPLOYER: Private
RECORD NO.: 1663
226. **SHAW, W.** wk 604/756-7152
 fax 604/756-7053
 hm 604/758-2137
 Pacific Biological Station
 Dept. of Fisheries and Oceans
 Hammond Bay Road
 Nanaimo, BC V9R 5K6
OCCUPATION: High Seas Fish Biologist
DISCIPLINE: Biological
SPECIALTIES: Fish: commercial: demersal fisheries, commercial: pelagic fisheries, ecology, habitat, pelagic fish, Plankton
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal
RECORD NO.: 185
227. **SHORT, LYNNE** wk 604/946-3171
 hm 604/946-3171
 OWL (Orphaned Wildlife) Rehabilitation Society
 3800 - 72nd Street
 Delta, BC V4K 3N2
OCCUPATION: Raptor Rehabilitation
DISCIPLINE: Other
SPECIALTIES: Birds: raptors, rehabilitation
SPILL EXPERIENCE: Chronic Spills - Vancouver Harbour
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Other
RECORD NO.: 1535
228. **SIMMONS, RANDOLPH G.** wk 902/426-6200
 fax 902/426-9709
 hm 902/435-7760
 Environmental Protection Services
 Environment Canada
 15th Floor, 45 Alderney Drive
 Dartmouth, NS B2Y 2N6
OCCUPATION: Shoreline Cleanup and Assessment
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: equipment general, shoreline cleanup, Environmental: impact, Spills: impact assessment, management/planning, on-scene commander
SPILL EXPERIENCE: KURDISTAN, NESTUCCA, CAMARQUE
REGIONAL EXPERIENCE: Pacific, Newfoundland & Labrador, Maritimes
EMPLOYER: Federal
RECORD NO.: 1690
229. **SIMPSON, KIRSTIE E.** wk 403/667-3172
 hm 403/633-3440
 Indian and Northern Affairs Canada
 200 Range Road
 Whitehorse, YT Y1A 3V1
OCCUPATION: Impact Assessment Biologist
DISCIPLINE: Countermeasures
SPECIALTIES: Biological sensitivity mapping, Coastal: oilspill sensitivity mapping, Countermeasures: shoreline cleanup, Environmental: impact, Subsistence resources, Water quality: monitoring
SPILL EXPERIENCE: EXXON VALDEZ, Chronic Spills - Tuktoyaktuk, Chronic Spills - Northwest T., Chronic Spills - Yukon
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic
EMPLOYER: Federal
RECORD NO.: 1542
230. **SIRON, ROBERT R.S.** wk 418/724-1747
 wk 418/724-1700
 fax 418/773-7234
 hm 418/723-1269
 INRS - Oceanologie
 310 des Ursulines
 Rimouski, PQ G5L 3A1
OCCUPATION: Ecotoxicologist
DISCIPLINE: Biological
SPECIALTIES: Algae: Planktonic, Hydrocarbon chemistry: weathering, Microbiology, Oil: dispersants, toxicity, Spills: fate and effects monitoring, ice-oil interaction
SPILL EXPERIENCE: CZANTORIA
REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River
EMPLOYER: Provincial
RECORD NO.: 1631
231. **SIROTA, GARY R.** wk 902/423-8197
 fax 902/429-8089
 hm 902/860-0471
 P. Lane and Associates Limited
 5439 Cogswell Street
 Halifax, NS B3J 1R1
OCCUPATION: Hydrocarbon Chemist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Environmental: chemistry, impact, Hydrocarbon chemistry: analyses, chemistry: sampling, techniques, weathering
SPILL EXPERIENCE: NORTHERN DANCER, RIO MOA
REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Private
RECORD NO.: 1133
232. **SITAR, DAVID E.** wk 403/556-4859
 fax 403/556-3968
 hm 403/556-2559
 Mobil Oil Canada
 Box 1210
 Olds, AB TOM 1P0
OCCUPATION: Staff Environmentalist
DISCIPLINE: Countermeasures
SPECIALTIES: Bioremediation, Countermeasures: disposal, equipment general, operations, Hydrocarbon chemistry: sampling, Spills: on-scene commander
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private
RECORD NO.: 1644

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233. **SLOAN, NORMAN A.** wk 604/683-5585
 Dames and Moore 604/683-7758
 505 - 700 West Pender Street hm 604/266-7181
 Vancouver, BC V6C 1G8
- OCCUPATION:** Marine Biologist
DISCIPLINE: Biological
SPECIALTIES: Aquaculture: shellfish, Benthos: ecology, invertebrates,
 Estuarine: habitat, Oceanography: biological, Shellfish: habitat
SPILL EXPERIENCE: EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private **RECORD NO.:** 1122
234. **SMILEY, BRIAN D.** wk 604/363-6551
 Institute of Ocean Sciences 604/363-6479
 Dept. of Fisheries and Oceans hm 604/727-0718
 P.O. Box 6000
 Sidney, BC V8L 4B2
- OCCUPATION:** Marine Advisor-Oceanography
DISCIPLINE: Physical/Chemical
SPECIALTIES: Biological sensitivity mapping, Environmental: impact, Spills:
 fate and effects monitoring, impact assessment, monitoring: biological, physical
SPILL EXPERIENCE: Minuk Is., NESTUCCA
REGIONAL EXPERIENCE: Pacific, Beaufort Sea
EMPLOYER: Federal **RECORD NO.:** 1538
235. **SMITH, DAVE W.** wk 604/946-8546
 Canadian Wildlife Service wk 604/666-0143
 Environment Canada 604/946-7022
 P.O. Box 340 hm 604/584-9219
 Delta, BC V4K 3Y3
- OCCUPATION:** Wildlife Technician
DISCIPLINE: Biological
SPECIALTIES: Birds: distributions, habitat, management, migratory, oil effects
 on, population studies
SPILL EXPERIENCE: ARCTURUS, Chronic Spills - Vancouver Harbour
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal **RECORD NO.:** 139
236. **SMITH, KEVIN C.** wk 613/990-3379
 Canadian Coast Guard 613/998-4168
 344 Slater Street hm 613/226-8537
 9th Floor
 Ottawa, ON K1A 0N7
- OCCUPATION:** Training Officer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: equipment general, operations, shoreline
 cleanup, Spills: management/planning, on-scene commander, public relations
SPILL EXPERIENCE: PRIMROSE, NESTUCCA, KURDISTAN
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic,
 Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Federal **RECORD NO.:** 1651
237. **SNOW, DAVE** wk 709/772-5522
 Emergency Preparedness Canada 709/772-4532
 6 Bruce Street, Donovan's Ind. Park hm 709/834-4951
 P.O. Box 188, Stn. C
 St. John's, NF A1C 5J2
- OCCUPATION:** Emergency Planner
DISCIPLINE: Other
SPECIALTIES: Spills: environmental coordinator, management/planning
SPILL EXPERIENCE: KURDISTAN, Chronic Spills - Newfoundland &
 Labrador
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Federal **RECORD NO.:** 1057
238. **SNOW, NORMAN B.** wk 403/979-2828
 Joint Secretariat 403/979-2610
 P. O. Box 2120 hm 403/979-4156
 Inuvik, NT X0E 0T0
- OCCUPATION:** Marine Biologist
DISCIPLINE: Biological
SPECIALTIES: Benthos: invertebrates, Estuarine: ecology, Marine mammals:
 oil effects on, Oil: dispersants, toxicity, Spills: impact assessment
SPILL EXPERIENCE: TORREY CANYON, Resolute Bay 1972, Yellowknife
 Bay 1972, BIOS, COAATF Experimental Spills
REGIONAL EXPERIENCE: Beaufort Sea
EMPLOYER: Private **RECORD NO.:** 1525
239. **SOLSBERG, LAURIE** wk 604/925-3144
 Counterspil Research Inc. 604/922-4686
 300 - 1497 Marine Drive hm 604/925-3118
 West Vancouver, BC V7T 1B8
- OCCUPATION:** Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, disposal, equipment specifications,
 operations, skimmers, Spills: management/planning
SPILL EXPERIENCE: EXXON VALDEZ, KURDISTAN, Glacier Bay,
 ERAWAN/SUN DIAMOND, URQUIOLA, NESTUCCA
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Maritimes
EMPLOYER: Private **RECORD NO.:** 1141
240. **SPEARING, TED** wk 403/234-5184
 Chevron Canada Resources 403/234-6212
 500 - 5th Avenue S.W.
 Calgary, AB T2P 0L7
- OCCUPATION:** Biologist
DISCIPLINE: Biological
SPECIALTIES: Birds: oil effects on, Fish: oil effects on, Marine mammals: oil
 effects on, Oceanography: biological, Spills: fate and effects monitoring, impact
 assessment
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic,
 Newfoundland & Labrador
EMPLOYER: Private **RECORD NO.:** 1158

NATIONAL LISTINGS

241. **SPELLER, WAYNE** wk 403/296-3506
 fax 403/296-3030
 hm 403/239-4215
 Petro-Canada Inc., Exploration
 P.O. Box 2844
 814 PCCW
 Calgary, AB T2P 3E3
 OCCUPATION: Environment Safety
 DISCIPLINE: Countermeasures
 SPECIALTIES: Environmental: impact, Spills: fate and effects monitoring, assessment, management/planning, monitoring: biological, on-scene commander
 SPILL EXPERIENCE: None
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Private
 RECORD NO.: 1318
242. **STACEY, PAM J.** wk 604/380-1925
 hm 604/380-1925
 Stranded Whale and Dolphin Program of BC
 P.O. Box 6244
 Victoria, BC V8P 5L5
 OCCUPATION: Biologist
 DISCIPLINE: Biological
 SPECIALTIES: Birds: seabirds, Marine mammals: oil effects on, mammals: pinnipeds, whales, Toxicology
 SPILL EXPERIENCE: None
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Private
 RECORD NO.: 129
243. **STEPHENSON, FREDERICK E.** wk 604/363-6364
 fax 604/363-6323
 hm 604/721-0583
 Institute of Ocean Sciences
 Dept. of Fisheries and Oceans
 P.O. Box 6000
 Sidney, BC V8L 4B2
 OCCUPATION: Hydrographer
 DISCIPLINE: Physical/Chemical
 SPECIALTIES: Oceanography: physical, Spills: monitoring: physical, oil-distribution mapping
 SPILL EXPERIENCE: NESTUCCA
 REGIONAL EXPERIENCE: Pacific, Beaufort Sea
 EMPLOYER: Federal
 RECORD NO.: 551
244. **STEVENS, JOSEPH E.** wk 902/426-3818
 fax 902/426-6770
 hm 902/434-1752
 Marine Emergencies Branch
 Canadian Coast Guard
 P.O. Box 1000
 Dartmouth, NS B2Y 3Z8
 OCCUPATION: District Marine Emergency Officer
 DISCIPLINE: Countermeasures
 SPECIALTIES: Countermeasures: booms, operations, pumps, shoreline cleanup, skimmers, vessels
 SPILL EXPERIENCE: Chronic Spills - Maritimes
 REGIONAL EXPERIENCE: Maritimes
 EMPLOYER: Federal
 RECORD NO.: 1656
245. **STOCKER, MAX** wk 604/756-7000
 fax 604/756-7053
 Pacific Biological Station
 Dept. of Fisheries and Oceans
 Hammond Bay Road
 Nanaimo, BC V9R 5K6
 OCCUPATION: Fisheries Biologist
 DISCIPLINE: Biological
 SPECIALTIES: Biostatistics, Fish: commercial: demersal fisheries, commercial: pelagic fisheries, management, pelagic fish, population studies
 SPILL EXPERIENCE: EXXON VALDEZ
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Federal
 RECORD NO.: 558
246. **STRIGHT, ROD N.** wk 902/426-2292
 fax 902/426-4828
 hm 902/477-9237
 Search & Rescue
 Canadian Coast Guard
 P. O. Box 1013
 Dartmouth, NS B30 2J1
 OCCUPATION: Manager
 DISCIPLINE: Countermeasures
 SPECIALTIES: Countermeasures: equipment general, operations, vessels, Spills: management/planning, on-scene commander, public relations
 SPILL EXPERIENCE: LUCIEN PAQUIN, CAMARQUE, KURDISTAN
 REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes
 EMPLOYER: Federal
 RECORD NO.: 1086
247. **STRONACH, JIM** wk 604/266-9135
 fax 604/266-8855
 hm 604/521-6785
 Seaconsult Marine Research Ltd.
 820-1200 West 73rd Avenue
 Vancouver, BC V6P 6G5
 OCCUPATION: Physical Oceanographer
 DISCIPLINE: Physical/Chemical
 SPECIALTIES: Oceanography: physical, Spills: modelling
 SPILL EXPERIENCE: None
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Private
 RECORD NO.: 542
248. **STRUB, RICHARD** wk 604/666-6767
 fax 604/666-4895
 Environment Canada
 Conservation & Protection Lab.
 4195 Marine Drive
 Vancouver, BC V7V 1N8
 OCCUPATION: Organic Chemist
 DISCIPLINE: Physical/Chemical
 SPECIALTIES: Hydrocarbon chemistry: analyses, techniques, weathering, Organic chemistry
 SPILL EXPERIENCE: None
 REGIONAL EXPERIENCE: Pacific
 EMPLOYER: Federal
 RECORD NO.: 543

1991 CANADIAN DIRECTORY OF MARINE OILSPILL SPECIALISTS

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| <p>249. SUTHERLAND, PATRICIA D.</p> <p>Northlands Research
1154 Bayview Road
R.R.1
Woodlawn, ON KOA 3M0</p> <p>OCCUPATION: Archaeologist
DISCIPLINE: Cultural
SPECIALTIES: Archaeology: coastal, ethnohistory, excavations, resource mapping, Spills: monitoring: archaeology
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Eastern Arctic
EMPLOYER: Private</p> | <p>wk 613/832-2244
fax 613/832-2244
hm 613/832-2244</p> | <p>253. TEAL, ANDREW R.</p> <p>Imperial Oil/EXXON
3301 "C" Street
Anchorage, AK 99503
U.S.A.</p> <p>OCCUPATION: Environmental Advisor/Emergency Response
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: equipment general, monitoring, operations, Spills: environmental coordinator, impact assessment, management/planning
SPILL EXPERIENCE: Minuk Is, EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific, Beaufort Sea
EMPLOYER: Private</p> | <p>wk 907/564-3664
fax 907/564-3771
hm 907/345-3173</p> |
| <p>RECORD NO.: 1564</p> | | <p>RECORD NO.: 1144</p> | |
| <p>250. SWISS, JAMES J.</p> <p>Canadian Petroleum Association
3800 - 150 6th Avenue S.W.
Calgary, AB T2P 3Y7</p> <p>OCCUPATION: Environmental Co-ordinator
DISCIPLINE: Countermeasures
SPECIALTIES: Benthos: ecology, Countermeasures: experimentation, Oceanography: biological, Oil: dispersants, Spills: impact assessment, management/planning
SPILL EXPERIENCE: KURDISTAN, CN Port Aux Basques, BERGLAND, Beaufort Sea Dispersant Trials
REGIONAL EXPERIENCE: Beaufort Sea, Newfoundland & Labrador, Maritimes
EMPLOYER: Private</p> | <p>wk 403/269-6721
fax 403/261-4622
hm 403/252-8868</p> | <p>254. TEDESCHI, ED</p> <p>Slickbar Products Corp.
18 Beach Street
Seymour, CT 06359
USA</p> <p>OCCUPATION: Spill Response Equip. Designer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, equipment design, storage, pumps, skimmers, vessels
SPILL EXPERIENCE: Chronic Spills - BC
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Private</p> | <p>wk 203/888-7700
fax 203/888-7720
hm 203/888-1000</p> |
| <p>RECORD NO.: 1142</p> | | <p>RECORD NO.: 1374</p> | |
| <p>251. TABATA, SUS</p> <p>Institute of Ocean Sciences
Dept. of Fisheries and Oceans
P.O. Box 6000
Sidney, BC V8L 4B2</p> <p>OCCUPATION: Physical Oceanographer
DISCIPLINE: Physical/Chemical
SPECIALTIES: Spills: modelling
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal</p> | <p>wk 604/363-6573
fax 604/363-6746</p> | <p>255. THAROUS, EDWARD</p> <p>Energetex Engineering
P. O. Box 744
Waterloo, ON N2H 4C2</p> <p>OCCUPATION: Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: burning, disposal
SPILL EXPERIENCE: BIOS
REGIONAL EXPERIENCE: Beaufort Sea
EMPLOYER: Private</p> | <p>wk 519/886-2672
fax 519/885-2738</p> |
| <p>RECORD NO.: 561</p> | | <p>RECORD NO.: 1665</p> | |
| <p>252. TAYLOR, ROBERT B.</p> <p>Geological Survey of Canada
P.O. Box 1006
Halifax, NS B2Y 4A2</p> <p>OCCUPATION: Coastal Geomorphologist
DISCIPLINE: Physical/Chemical
SPECIALTIES: Coastal: geomorphology, mapping, oilspill sensitivity mapping, processes, Countermeasures: shoreline cleanup
SPILL EXPERIENCE: KURDISTAN, ARROW
REGIONAL EXPERIENCE: Maritimes
EMPLOYER: Federal</p> | <p>wk 902/426-7736
fax 902/426-4104
hm 902/469-4370</p> | <p>256. THEISS, DIETER E.</p> <p>Environment Canada
Conservation & Protection
224 West Esplanade
North Vancouver, BC V7M 3H7</p> <p>OCCUPATION: Environmental Project Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, equipment general, monitoring, shoreline cleanup, Spills: management/planning, Water quality: monitoring
SPILL EXPERIENCE: Chronic Spills - Vancouver Harbour
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal</p> | <p>wk 604/666-6948
fax 604/666-1140
hm 604/984-4525</p> |
| <p>RECORD NO.: 1143</p> | | <p>RECORD NO.: 15</p> | |

NATIONAL LISTINGS

257. **THOMAS, GRAHAM** wk 709/637-2448
 fax 709/637-2541
 hm 709/635-3786
 Newfoundland Department of Environment and Lands
 Sir Richard Squires Building
 Corner Brook, NF A2H 6J8
- OCCUPATION:** Environmental Specialist
DISCIPLINE: Biological
SPECIALTIES: Countermeasures: equipment general, shoreline cleanup, Hydrocarbon chemistry: sampling, Spills: environmental coordinator, on-scene commander
SPILL EXPERIENCE: Chronic Spills - Newfoundland
REGIONAL EXPERIENCE: Newfoundland & Labrador
EMPLOYER: Provincial **RECORD NO.:** 1050
258. **THOMSON, CALLUM J.** wk 902/468-7777
 fax 902/468-9009
 hm 902/464-0584
 Jacques, Whitford & Associates Ltd.
 3 Spectacle Lake Drive
 Dartmouth, NS B3B 1W8
- OCCUPATION:** Archaeologist
DISCIPLINE: Cultural
SPECIALTIES: Archaeology: coastal, ethnohistory, excavations, resource mapping, Hydrocarbon chemistry: sampling, Spills: monitoring: archaeology
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Eastern Arctic, Newfoundland & Labrador, Maritimes
EMPLOYER: Private **RECORD NO.:** 1563
259. **THOMSON, RICK** wk 604/363-6555
 fax 604/363-6479
 Institute of Ocean Sciences
 Dept. of Fisheries and Oceans
 P.O. Box 6000
 Sidney, BC V8L 4B2
- OCCUPATION:** Physical Oceanographer
DISCIPLINE: Physical/Chemical
SPECIALTIES: Oceanography: physical, Remote Sensing: satellite
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Federal **RECORD NO.:** 310
260. **THORNTON, DAVE E.** wk 613/998-3671
 fax 613/998-0004
 hm 613/830-3380
 Environmental Protection Service
 Environment Canada
 3439 River Road
 Ottawa, ON K1A 0H3
- OCCUPATION:** Research Manager
DISCIPLINE: Physical/Chemical
SPECIALTIES: Spills: management/planning
SPILL EXPERIENCE: KURDISTAN, BIOS
REGIONAL EXPERIENCE: Beaufort Sea, Eastern Arctic, Newfoundland & Labrador, Maritimes
EMPLOYER: Federal **RECORD NO.:** 1317
261. **TIDMARSH, GORDON** wk 902/275-2116
 fax 902/275-2145
 hm 902/275-3115
 Eastern Environmental Services Inc.
 P.O. Box 626
 Chester, NS BOJ 1J0
- OCCUPATION:** Biologist
DISCIPLINE: Biological
SPECIALTIES: Fish: tainting, Oceanography: biological, Spills: environmental coordinator, fate and effects monitoring, impact assessment, management/planning
SPILL EXPERIENCE: Uniake G72 Blowout
REGIONAL EXPERIENCE: Eastern Arctic, Maritimes
EMPLOYER: Private **RECORD NO.:** 1107
262. **TILDEN, DAVID C.** wk 403/873-3456
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 hm 403/873-2509
 Environmental Protection Service
 Environment Canada
 P.O. Box 370
 Yellowknife, NT X1A 2N3
- OCCUPATION:** Hazardous Materials Specialist
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: burning, disposal, shoreline cleanup, Spills: environmental coordinator, impact assessment, management/planning
SPILL EXPERIENCE: EDGAR JOURDAIN, Minuk Is., LE CHENE NO. 1, Chronic Spills - Tuktoyaktuk
REGIONAL EXPERIENCE: Beaufort Sea, Eastern Arctic
EMPLOYER: Federal **RECORD NO.:** 1230
263. **TREMBLAY, ANDRE** wk 418/648-3111
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 Emergency Preparedness Canada
 701 - 250 West Grande Allee
 Quebec, PQ G1R 2H4
- OCCUPATION:** Regional Director, Quebec
DISCIPLINE: Other
SPECIALTIES: Spills: logistics, management/planning, on-scene commander, public relations
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Federal **RECORD NO.:** 1231
264. **TRUDEL, KENNETH B.** wk 613/232-1564
 fax 613/232-6660
 hm 613/230-5170
 S.L. Ross Environmental Research Inc.
 Suite 200-717 Belfast Road
 Ottawa, ON K1G 0Z4
- OCCUPATION:** Environmental Impact/Risk Assessment
DISCIPLINE: Biological
SPECIALTIES: Biological sensitivity mapping, Oil: dispersants, toxicity, Spills: impact assessment, management/planning, modelling
SPILL EXPERIENCE: EXXON VALDEZ
REGIONAL EXPERIENCE: Beaufort Sea, Pacific, Eastern Arctic, Newfoundland & Labrador, Maritimes
EMPLOYER: Private **RECORD NO.:** 1350

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265. **TRUSCOTT, JOE** wk 604/387-9570
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 hm 604/595-0062
 Ministry of Agriculture, Fisheries & Food
 808 Douglas Street
 Victoria, BC V8W 2Z7
OCCUPATION: Fisheries Biologist
DISCIPLINE: Biological
SPECIALTIES: Aquaculture: finfish, Coastal: mapping, Environmental: impact,
 Water quality: estuarine, quality: monitoring, pollutants
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Provincial
RECORD NO.: 143
266. **TUCK, ED** wk 709/576-1380
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 East Coast Spill Response Inc.
 Harvey's Pipe Yard, Torbay Road
 P.O. Box 9591, Stn. B
 St. John's, NF A1A 4J6
OCCUPATION: Oil Spill Response
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, pumps, shoreline cleanup, skimmers,
 Oil: dispersants, Spills: communications
SPILL EXPERIENCE: ARROW, CN Port Aux Basques, EXXON VALDEZ,
 Chronic Spills - Newfoundland
REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes
EMPLOYER: Private
RECORD NO.: 1047
267. **TURNBULL, CHRIS J.** wk 506/453-2792
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 hm 506/363-3588
 Dept. of Tourism, Recreation & Heritage
 Government of New Brunswick
 P.O. Box 6000
 Fredericton, NB E3B 5H1
OCCUPATION: Archaeologist
DISCIPLINE: Cultural
SPECIALTIES: Archaeology: coastal, ethnohistory, excavations, resource
 mapping, underwater sites, water-logged sites
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Maritimes
EMPLOYER: Provincial
RECORD NO.: 1589
268. **VANDERKOOY, NICK** wk 403/298-3514
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 AMOCO Canada Petroleum
 P.O. Box 200, Stn. M.
 Calgary, AB T2P 2H8
OCCUPATION: Environmental Support
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: burning, experimentation, operations, Spills:
 environmental coordinator, ice-oil interaction, management/planning
SPILL EXPERIENCE: NEPCO 140, Ekofisk Bravo Blowout, Chronic Spills
 - Great Lakes & St. Lawrence
REGIONAL EXPERIENCE: Beaufort Sea, Great Lakes & St. Lawrence River
EMPLOYER: Private
RECORD NO.: 1146
269. **VANDERMEULEN, JOHN H.** wk 902/426-2479
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 Department of Fisheries and Oceans
 Marine Chemistry Division
 Bedford Institute of Oceanography
 Dartmouth, NS B2Y 4A2 9
OCCUPATION: Marine Biologist, Pollutant Scientist
DISCIPLINE: Biological
SPECIALTIES: Coastal: processes, Environmental: impact, Spills: fate and
 effects monitoring, management/planning, Water quality: pollutants, Wetlands:
 ecology
SPILL EXPERIENCE: ARROW, AMOCO CADIZ, KURDISTAN,
 NESTUCCA, EXXON VALDEZ
REGIONAL EXPERIENCE: Newfoundland & Labrador, Maritimes
EMPLOYER: Federal
RECORD NO.: 1147
270. **VENKATESH, SRINIVASAN** wk 416/739-4911
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 Atmospheric Environment Service
 Environment Canada
 4905 Dufferin Street
 Downsview, ON M3H 5T4
OCCUPATION: Modeller
DISCIPLINE: Physical
SPECIALTIES: Meteorology: modelling, Oceanography: physical, Spills: ice-oil
 interaction, modelling
SPILL EXPERIENCE: ARGO MERCHANT, EXXON VALDEZ, Wrangell
 Narrows
REGIONAL EXPERIENCE: Beaufort Sea
EMPLOYER: Federal
RECORD NO.: 1232
271. **VIGERS, GARY** wk 604/986-4331
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 EVS Consultants
 195 Pemberton Avenue
 North Vancouver, BC V7P 2R4
OCCUPATION: Environmental Consultant
DISCIPLINE: Biological
SPECIALTIES: Aquaculture: shellfish, Biological sensitivity mapping, Fish:
 habitat, Spills: monitoring: biological, Toxicology, Water quality: pollutants
SPILL EXPERIENCE: EXXON VALDEZ, Salmon River, Port Alice
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private
RECORD NO.: 1509
272. **WALTON, DOUG** wk 604/584-8822
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 Environmental Protection Branch
 Ministry of Environment
 15326 - 103 A Avenue
 Surrey, BC V3R 7A2
OCCUPATION: Waste Mgmt. Research Officer
DISCIPLINE: Biological
SPECIALTIES: Countermeasures: equipment general, Spills:
 management/planning, monitoring: biological, chemical, Toxicology, Water
 quality: pollutants
SPILL EXPERIENCE: EXXON VALDEZ, Sooke Mystery Spill
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Provincial
RECORD NO.: 10

NATIONAL LISTINGS

273. **WARBANSKI, GREG** wk 709/576-1380
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 East Coast Spill Response Inc.
 Harvey Industrial Estates
 P.O. Box 9591, Stn. B
 St. John's, NF A1C 4J6
OCCUPATION: Manager
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, equipment general, skimmers, Spills: logistics, management/planning, on-scene commander
SPILL EXPERIENCE: BONAVIDA BAY
REGIONAL EXPERIENCE: Eastern Arctic, Newfoundland & Labrador
EMPLOYER: Private **RECORD NO.:** 1048
274. **WARD, JOHN G.** wk 403/233-1120
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 AMOCO CANADA
 P. O. Box 200
 Station M
 Calgary, AB T2P 2H8
OCCUPATION: Environmental Specialist
DISCIPLINE: Biological
SPECIALTIES: Environmental: impact, Spills: environmental coordinator, fate and effects monitoring, impact assessment, management/planning
SPILL EXPERIENCE: None
REGIONAL EXPERIENCE: Beaufort Sea
EMPLOYER: Private **RECORD NO.:** 1536
275. **WARNER, PATRICK** wk 613/990-3378
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 Environmental Response and Emergency
 Canadian Coast Guard
 941-344 Slater Street (AMGA)
 Ottawa, ON K1A 0N7
OCCUPATION: Manager, Hazmat Spill Response
DISCIPLINE: Countermeasures
SPECIALTIES: Occupational health and safety, Spills: communications, logistics, management/planning, on-scene commander, public relations
SPILL EXPERIENCE: Chronic Spills - Great Lakes & St. Lawrence
REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River
EMPLOYER: Federal **RECORD NO.:** 1637
276. **WATSON, J.** wk 604/743-7404
 hm 604/753-7404
 Archipelago Marine Research
 P.O. Box 216, Station A
 Nanaimo, BC V9R 5K9
OCCUPATION: Marine Ecologist
DISCIPLINE: Biological
SPECIALTIES: Algae: Subtidal, Benthos: ecology, invertebrates, Marine mammals: sea otters, Plants: intertidal, subtidal
SPILL EXPERIENCE: NESTUCCA, BIOS
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic
EMPLOYER: Private **RECORD NO.:** 116
277. **WATSON, TOM A.** wk 604/279-2093
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 Triton Environmental Consultants Ltd
 120 - 13511 Commerce Parkway
 Richmond, BC V6V 2L1
OCCUPATION: Fisheries Biologist
DISCIPLINE: Biological
SPECIALTIES: Bioassay testing, Ecology: population dynamics, Fish: commercial: pelagic fisheries, ecology, oil effects on, Toxicology
SPILL EXPERIENCE: EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private **RECORD NO.:** 552
278. **WELLS, G.E.** wk 604/664-9000
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 Atmospheric Environment Service
 Environment Canada
 200 - 1200 W. 73rd Avenue
 Vancouver, BC V6P 6H9
OCCUPATION: Meteorologist
DISCIPLINE: Other
SPECIALTIES: Meteorology: forecasting, modelling, Spills: modelling
SPILL EXPERIENCE: NESTUCCA, EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific, Beaufort Sea
EMPLOYER: Federal **RECORD NO.:** 52
279. **WELLS, PETER G.** wk 902/426-9632
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 hm 902/477-3674
 Environment Canada, Conservation & Protection, Environmental
 15th Floor, Queen Square
 45 Alderney Drive
 Dartmouth, NS B2Y 2N6
OCCUPATION: Marine Scientist
DISCIPLINE: Biological
SPECIALTIES: Invertebrates, Oil: dispersants, toxicity, Plankton, Shellfish: crustaceans, Toxicology
SPILL EXPERIENCE: ARROW, AMOCO CADIZ, NESTUCCA
REGIONAL EXPERIENCE: Maritimes
EMPLOYER: Federal **RECORD NO.:** 1337
280. **WEST, RICK C.** wk 604/385-6521
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 Society for the Prevention of Cruelty to Animals
 3150 Napier Lane
 Victoria, BC V8T 4V5
OCCUPATION: Animal Control - Rehabilitation
DISCIPLINE: Biological
SPECIALTIES: Birds: rehabilitation
SPILL EXPERIENCE: ARCO ANCHORAGE, NESTUCCA, BAPCO, Chronic Spills - Vancouver Island
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private **RECORD NO.:** 160

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OCCUPATION: Habitat Biologist (Foreshore)
DISCIPLINE: Biological
SPECIALTIES: Coastal: oilspill sensitivity mapping, Estuarine: ecology,
 Habitat: intertidal, Spills: impact assessment, Wetlands: ecology, restoration
SPILL EXPERIENCE: EXXON VALDEZ
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic,
 Newfoundland & Labrador
EMPLOYER: Private
RECORD NO.: 544
282. **WHITEHORNE, RON E.** wk 416/973-3058
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 Canadian Coast Guard
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 Toronto, ON M5E 1E5
OCCUPATION: Oil Spill Cleanup
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, equipment general, operations,
 shoreline cleanup
SPILL EXPERIENCE: MODELAND, BEOGRAD, Cornwall
REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River
EMPLOYER: Federal
RECORD NO.: 1234
283. **WHITTAKER, HARRY** wk 613/991-1842
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 Environment Canada
 River Road Environmental Tech. Cte.
 3439 River Road
 Ottawa, ON K1A 0H3
OCCUPATION: Chemical Engineer
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: booms, burning, disposal, equipment design,
 experimentation, skimmers
SPILL EXPERIENCE: NESTUCCA, COATF Experimental Spills
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic,
 Newfoundland & Labrador, Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Federal
RECORD NO.: 1235
284. **WIEBE, WAYNE** wk 403/296-3533
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 Petro-Canada
 Box 2844
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 Calgary, AB T2P 3T3
OCCUPATION: Senior Environmental Advisor
DISCIPLINE: Countermeasures
SPECIALTIES: Bioremediation, Countermeasures: booms, shoreline cleanup,
 Environmental: impact, Spills: management/planning, on-scene commander
SPILL EXPERIENCE: Chronic Spills - Alberta Inland Waters
REGIONAL EXPERIENCE: Pacific
EMPLOYER: Private
RECORD NO.: 1331
285. **WOTHERSPOON, PAUL** wk 403/269-4351
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 403/247-1538
 Paul Wotherspoon & Associates
 1000-521 Third Avenue S.W.
 Calgary, AB T2P 3T3
OCCUPATION: Environmental Consultant
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: burning, disposal, experimentation,
 Environmental: impact
SPILL EXPERIENCE: Mckinley Bay Experimental Spill
REGIONAL EXPERIENCE: Beaufort Sea
EMPLOYER: Private
RECORD NO.: 1621
286. **WYKES, COLIN** wk 604/666-0064
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 Environment Canada
 224 West Esplanade
 North Vancouver, BC V7M 3H7
OCCUPATION: Manager
DISCIPLINE: Biological
SPECIALTIES: Environmental: impact, Spills: environmental coordinator,
 assessment, management/planning
SPILL EXPERIENCE: NESTUCCA
REGIONAL EXPERIENCE: Pacific, Beaufort Sea
EMPLOYER: Federal
RECORD NO.: 1514
287. **WYPRUK, TANNY S.T.** wk 514/283-2333
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 Environmental Protection Service
 Environment Canada
 1179 Bleury Street
 Montreal, PQ H3B 3H9
OCCUPATION: Inspection/Chemist
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: monitoring, operations, shoreline cleanup,
 Hydrocarbon chemistry: sampling, Spills: environmental coordinator,
 management/planning
SPILL EXPERIENCE: RIO ORINOCO, Pointe - Levis
REGIONAL EXPERIENCE: Maritimes, Great Lakes & St. Lawrence River
EMPLOYER: Federal
RECORD NO.: 1659
288. **YOUNG, ALAN** wk 403/234-5183
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 Chevron Canada Resources
 500 - 5th Avenue S.W.
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OCCUPATION: Sr Environmental Technologist
DISCIPLINE: Countermeasures
SPECIALTIES: Countermeasures: equipment general, shoreline cleanup, Spills:
 management/planning, on-scene commander
SPILL EXPERIENCE: Chronic Spills - Alberta Inland Waters
REGIONAL EXPERIENCE: Pacific, Beaufort Sea, Eastern Arctic,
 Newfoundland & Labrador
EMPLOYER: Private
RECORD NO.: 1156

NATIONAL LISTINGS

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151 Trillum Drive

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OCCUPATION: Equipment Manufacturer

DISCIPLINE: Countermeasures

SPECIALTIES: Countermeasures: skimmers, vessels

SPILL EXPERIENCE: None

REGIONAL EXPERIENCE: Great Lakes & St. Lawrence River

EMPLOYER: Private

RECORD NO.: 1664

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