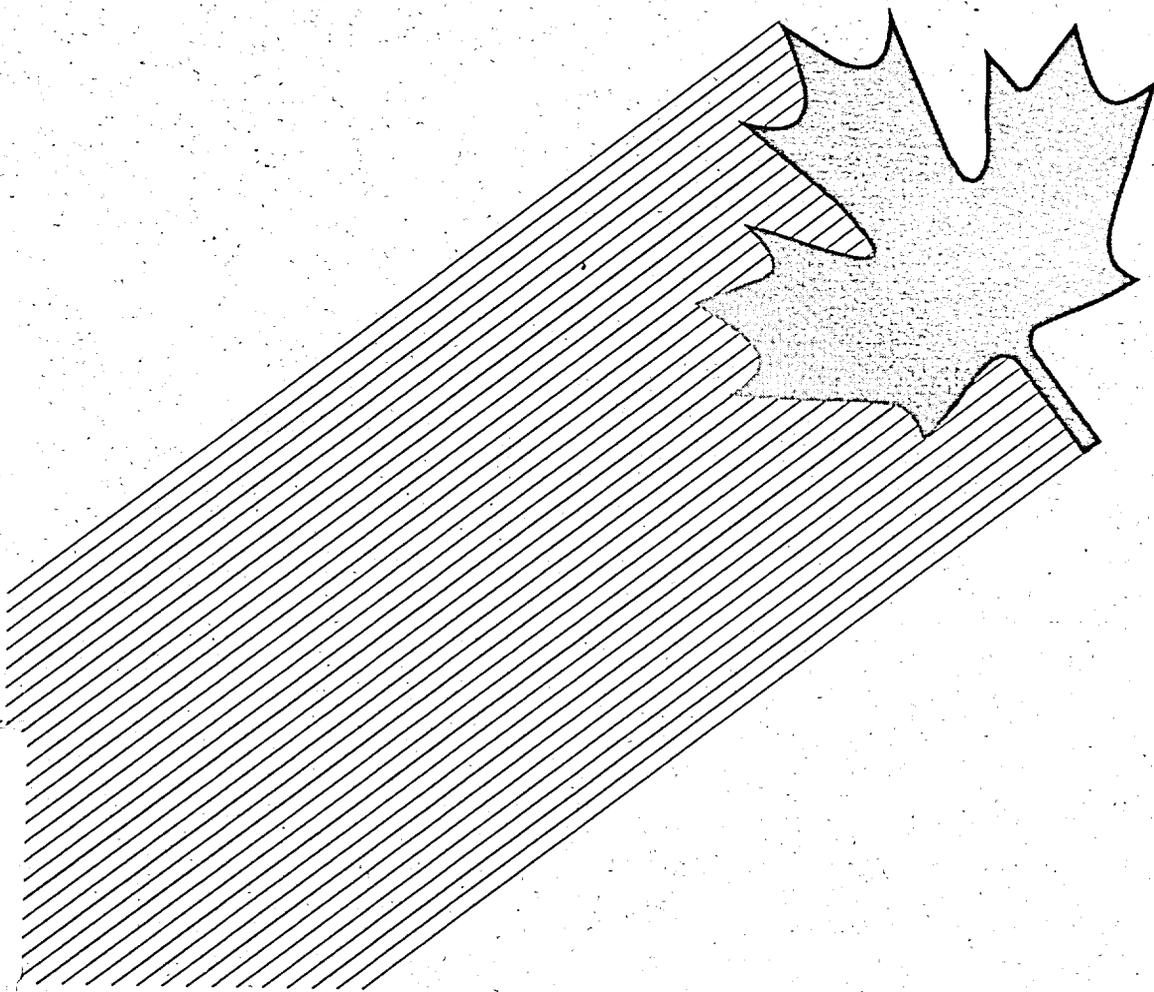


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Guide to Canadian Marine/Naval Related Companies

1993/1994



External Affairs and
International Trade Canada

Canada

**GUIDE TO CANADIAN MARINE/NAVAL RELATED
COMPANIES**

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August 1, 1993

FORWARD

The purpose of this guide is to promote the export sales of Canadian marine/naval products and services. In order to achieve this objective, copies of this guide will be provided to Canadian Trade Commissioners, Canadian Forces Attachés, Fleet Operators, International Trade Centres and Provincial Offices. It will also be distributed at International Marine Trade Shows.

The information contained in the guide is considered to be adequate enough to enable potential clients to identify and establish contact with potential Canadian sources for the products or services that are required.

The contents are a compilation of capabilities in Canada's marine/naval industrial sector. Over 200 companies with capabilities in nearly every aspect of project management, shipbuilding/repair and components are identified in this guide.

Canadian firms produce many unique marine and marine related products including:

- Advanced composite propeller shaft and rudder bearings
- Paint which can be applied underwater
- Ship/Helicopter interface equipments
- Propeller Blade milling to one thousandth of an inch
- High burst pressure fire hoses
- Marine lighting systems with multi-year life
- Ships automated propulsion control systems (Integrated Platform Management Systems)
- Digital sonar systems
- Software programs for naval applications

Potential customers are encouraged to seek bids from Canadian suppliers and determine the extent of financing that may be available to them from Canadian Government sources.

Dept. of External Affairs
Min. des Affaires extérieures

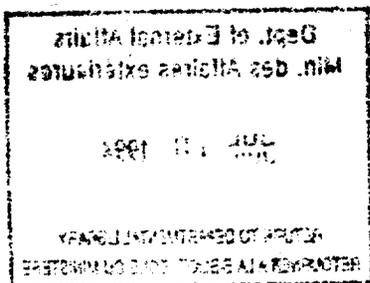
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KEYWORD LISTING

For company page number, please see COMPANY LISTING (p. 50)

A. BUILDERS OF VESSELS, OFFSHORE DRILL RIGS AND PLATFORMS

GEOGRAPHIC LOCATION OF YARD FACILITIES

Atlantic Region

A.F. Theriault & Son Limited
CSE/Picton Yard
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and
Engineering (LIFE)
Marystown Shipyard Limited
Newfoundland Dockyard Corporation
North Sydney Marine Railway
Saint John Shipbuilding Limited
Steel and Engine Products Limited

St. Lawrence River Region

Chantiers AML Inc. (Les)
MIL Davie Inc.

Great Lakes Region

Canadian Shipbuilding & Engineering
Ltd.

Pacific Coast Region

Alberni Engineering (439281 B.C.
Ltd.)
Allied Shipbuilders Ltd.
Canoe Cove Manufacturing Ltd.
Key Marine Industries Ltd.
Modern Marine Vehicles Ltd.
Nanaimo Shipyard Ltd.
North Sydney Marine Railway Inc.
Vancouver Shipyards Co. Ltd.
Victoria Machinery Depot (1989) Co.
Ltd.

BARGES

Alberni Engineering (439281 B.C.
Ltd.)
Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering
Ltd.
Chantiers AML Inc. (Les)
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry &
Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Inc.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd. North Sydney
Marine Railway Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

BULK CARRIERS

Canadian Shipbuilding & Engineering
Ltd.
Halifax-Dartmouth Industries Limited
MIL Davie Inc.
Montreal Tankers Repairs Inc.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

CONTAINER VESSELS

(Panamax Size)
Halifax-Dartmouth Industries Limited
MIL Davie Inc.
Montreal Tankers Repairs Inc.
Saint John Shipbuilding Limited

CREW BOATS

Alberni Engineering (439281 B.C. Ltd.)
Canadian Shipbuilding & Engineering Ltd.
Canoe Cove Manufacturing Ltd.
Chantiers AML Inc. (Les)
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Marystown Shipyard Limited
Modern Marine Vehicles Ltd.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.
Zodiac Hurricane Technologies Inc.

DRILL RIGS

See "Offshore Drill Rigs"

DRY CARGO

Canadian Shipbuilding & Engineering Ltd.
Halifax-Dartmouth Industries Limited
Marystown Shipyard Limited
MIL Davie Inc.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

DRY DOCKS

Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering Ltd.
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry & Engineering (LIFE)
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

FERRIES

A.F. Theriault & Son Limited
Alberni Engineering (439281 B.C. Ltd.)
Allied Shipbuilders Ltd.

Canadian Shipbuilding & Engineering Ltd.
Canoe Cove Manufacturing Ltd.
Chantiers AML Inc. (Les)
Custom Fabricators & Machinists
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Inc.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

FISHING VESSELS**Aluminum**

Alberni Engineering (439281 B.C. Ltd.)
Allied Shipbuilders Ltd.
Chantiers AML Inc. (Les)
East Isle Shipyard Limited
Lunenburg Industrial Foundry and Engineering (LIFE)
Marystown Shipyard Limited
Modern Marine Vehicles Ltd.
Nanaimo Shipyard Ltd.
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited

Steel

A.F. Theriault & Son Limited
Alberni Engineering (439281 B.C. Ltd.)
Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and Engineering (LIFE)

Marystown Shipyard Limited
Nanaimo Shipyard Ltd.
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

ICE BREAKERS

Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
Halifax-Dartmouth Industries Limited
Marystown Shipyard Limited
MIL Davie Inc.
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

NAVAL VESSELS

Alberni Engineering (439281 B.C. Ltd.)
Chantiers AML Inc. (Les)
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and Engineering (LIFE)
MIL Davie Inc.
Nanaimo Shipyard Ltd.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

OCEANOGRAPHIC VESSELS

Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering Ltd.
Canoe Cove Manufacturing Ltd.
Halifax-Dartmouth Industries Limited
Marystown Shipyard Limited
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.
Zodiac Hurricane Technologies Inc.

OFFSHORE DRILL RIGS

Halifax-Dartmouth Industries Limited
Marystown Shipyard Limited
MIL Davie Inc.
Nanaimo Shipyard Ltd.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

OIL/GAS PRODUCTION PLATFORMS

Halifax-Dartmouth Industries Limited
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

PATROL CRAFT

A.F. Theriault & Son Limited
Alberni Engineering (439281 B.C. Ltd.)
Canadian Shipbuilding & Engineering Ltd.
Canoe Cove Manufacturing Ltd.
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Marystown Shipyard Limited
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.
Zodiac Hurricane Technologies Inc.

PRODUCT CARRIERS

Canadian Shipbuilding & Engineering Ltd.
Halifax-Dartmouth Industries Limited
MIL Davie Inc.
Montreal Tankers Repairs Inc.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

SELF LOADING AND/OR UNLOADING

Alberni Engineering (439281 B.C. Ltd.)
Canadian Shipbuilding & Engineering Ltd.
Halifax-Dartmouth Industries Limited
MIL Davie Inc.
Saint John Shipbuilding Limited

Vancouver Shipyards Co. Ltd.

SEMI-SUBMERSIBLES

Halifax-Dartmouth Industries Limited
Indal Technologies Inc.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

SUBMARINES/SUBMERSIBLES

Halifax-Dartmouth Industries Limited
International Submarine Engineering
Saint John Shipbuilding Limited

SUPPLY VESSELS

Alberni Engineering (439281 B.C.
Ltd.)
Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering
Ltd.
Halifax-Dartmouth Industries Limited
Marystown Shipyard Limited
Nanaimo Shipyard Ltd.
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

TANKERS

Canadian Shipbuilding & Engineering
Ltd.
Halifax-Dartmouth Industries Limited
MIL Davie Inc.
Montreal Tankers Repairs Inc.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

TUGS

Alberni Engineering (439281 B.C.
Ltd.)
Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering
Ltd.
Chantiers AML Inc. (Les)
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited

Lunenburg Industrial Foundry and
Engineering (LIFE)

Marystown Shipyard Limited
Montreal Tankers Repairs Inc.
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.
Zodiac Hurricane Technologies Inc.

WORK BOATS

A.F. Theriault & Son Limited
Alberni Engineering (439281 B.C.
Ltd.)
Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering
Ltd.
Canoe Cove Manufacturing Ltd.
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and
Engineering (LIFE)
Marystown Shipyard Limited
Modern Marine Vehicles Ltd.
Montreal Tankers Repairs Inc.
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.
Zodiac Hurricane Technologies Inc.

B. FIRMS ENGAGED IN SHIP REPAIR WORK

ACETYLENE

A.F. Theriault & Son Limited
Allied Shipbuilders Ltd.
Alberni Engineering (439281 B.C.
Ltd.)
Canadian Shipbuilding & Engineering
Ltd.
Chantiers AML Inc. (Les)
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and
Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

ANCHOR AND CHAIN REPAIRS

Alberni Engineering (439281 B.C.
Ltd.)
Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering
Ltd.
Clarenville Drydock Limited
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Hawker Siddeley Canada Inc.
Key Marine Industries Ltd.
Lister Bolt & Chain Ltd.
Marystown Shipyard Limited
MIL Davie Ltd.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Thiele Canada Inc.

Vancouver Shipyards Co. Ltd.
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

BALLAST WATER

Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering
Ltd.
Chantiers AML Inc. (Les)
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and
Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
Ltd.
Chantiers AML Inc. (Les)
Clarenville Drydock Limited
Custom Fabricators & Machinists
East Isle Shipyard Limited
Lunenburg Industrial Foundry and
Engineering (LIFE)
Halifax-Dartmouth Industries Limited
Key Marine Industries Ltd.
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

COMPRESSED AIR

A.F. Theriault & Son Limited
Alberni Engineering (439281 B.C.
Ltd.)

Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

CONVERSIONS

A.F. Theriault & Son Limited
Allied Shipbuilders Ltd.
Alberni Engineering (439281 B.C. Ltd.)
Canadian Shipbuilding & Engineering
Chantiers AML Inc. (Les)
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

ELECTRICAL REPAIRS

Alberni Engineering (439281 B.C. Ltd.)
Allied Shipbuilders Ltd.
Allied Signal Aerospace Canada Inc. (Turbines)

Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
Clarenville Drydock Limited
Custom Fabricators & Machinists
East Isle Shipyard Limited
Lunenburg Industrial Foundry and Engineering (LIFE)
Halifax-Dartmouth Industries Limited
Key Marine Industries Ltd.
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.
Westinghouse Canada Inc.

ENGINE REPAIRS

Alberni Engineering (439281 B.C. Ltd.)
Allied Shipbuilders Ltd.
Allied Signal Aerospace Canada Inc. (turbines)
Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
Clarenville Drydock Limited
Custom Fabricators & Machinists
East Isle Shipyard Limited
General Electric Canada Inc.
Halifax-Dartmouth Industries Limited
Key Marine Industries Ltd.
Lunenburg Industrial Foundry and Engineering (LIFE)
Marystown Shipyard Limited
Métal 7 Inc.
MIL Davie Ltd.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
Olympic Gear & Mfg Inc.
Saint John Shipbuilding Limited

Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

FLYING SQUADS

Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Key Marine Industries Ltd.
Marystown Shipyard Limited
MIL Davie Ltd.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
Peacock Inc.
Vancouver Shipyards Co. Ltd.

FRESH WATER

Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

GAS FREEING STATION

Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and Engineering (LIFE)

Marystown Shipyard Limited
MIL Davie Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Vancouver Shipyards Co. Ltd.

GRIT/SAND BLASTING

A.F. Theriault & Son Limited
Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
Clarenville Drydock Limited
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

HIGH PRESSURE WATER

A.F. Theriault & Son Limited
Alberni Engineering (439281 B.C. Ltd.)
Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering Ltd.
Clarenville Drydock Limited
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Marystown Shipyard Limited
MIL Davie Ltd.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.

Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

HULL REPAIRS

A.F. Theriault & Son Limited
Alberni Engineering (439281 B.C.
Ltd.)
Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering
Ltd.
Chantiers AML Inc. (Les)
Clarenville Drydock Limited
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Key Marine Industries Ltd.
Lunenburg Industrial Foundry and
Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

IN SITU GRINDING/MACHINING

A.F. Theriault & Son Limited
Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering
Ltd.
Chantiers AML Inc. (Les)
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Key Marine Industries Ltd.
Lunenburg Industrial Foundry and
Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
Peacock Inc.

Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.
Westinghouse Canada Inc.

LENGTHENING

A.F. Theriault & Son Limited
Allied Shipbuilders Ltd.
Alberni Engineering (439281 B.C.
Ltd.)
Canadian Shipbuilding & Engineering
Ltd.
Chantiers AML Inc. (Les)
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and
Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd. Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

LPG/LNG & CHEMICAL SERVICES

Halifax-Dartmouth Industries Limited
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation

METAL SPRAYING

Alberni Engineering (439281 B.C.
Ltd.)
Canadian Shipbuilding & Engineering
Ltd.
Clarenville Drydock Limited
Halifax-Dartmouth Industries Limited
Key Marine Industries Ltd.
Marystown Shipyard Limited
Métal 7 Inc.
MIL Davie Ltd.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation

North Sydney Marine Railway Inc.
Peacock Inc.
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.
Westinghouse Canada Inc.

OFFSHORE & SEMI-SUBMERSIBLE

Halifax-Dartmouth Industries Limited
Marystown Shipyard Limited
MIL Davie Ltd.
Newfoundland Dockyard Corporation
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

OIL CLEANING

Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
Clarenville Drydock Limited
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

OVERHAULS

A.F. Theriault & Son Limited
Allied Shipbuilders Ltd.
Alberni Engineering (439281 B.C. Ltd.)
Canadian Shipbuilding & Engineering Ltd.
Clarenville Drydock Limited
Chantiers AML Inc. (Les)
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Key Marine Industries Ltd.

Lunenburg Industrial Foundry and Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

OXYGEN

A.F. Theriault & Son Limited
Allied Shipbuilders Ltd.
Alberni Engineering (439281 B.C. Ltd.)
Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

PRECISION MACHINING

A. Crosbie Inc.
Alberni Engineering (439281 B.C. Ltd.)
Arvin Special Machinery Ltd.
Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
Custom Fabricators & Machinists
Dominis Engineering Ltd. Halifax-Dartmouth Industries Limited

Lunenburg Industrial Foundry and Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
Olympic Gear & Mfg Inc.
Peacock Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Stone Marine Canada Ltée
Vancouver Shipyards Co. Ltd.
Victoria Machinery Depot (1986) Co. Ltd.

PROPELLER REPAIRS

A.F. Theriault & Son Limited
Alberni Engineering (439281 B.C. Ltd.)
Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
Custom Fabricators & Machinists (afloat)
Dominis Engineering Ltd.
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Hawboldt Industries (1989) Ltd.
Lunenburg Industrial Foundry and Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Osborne Propellers Ltd.
Stone Marine Canada Ltée
Vancouver Shipyards Co. Ltd.
Victoria Machinery Depot (1986) Co. Ltd.

RE-ENGINEING

Alberni Engineering (439281 B.C. Ltd.)
Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering Ltd.
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Key Marine Industries Ltd.
Marystown Shipyard Limited
MIL Davie Ltd.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Wartsila Diesel Canada Inc.
Vancouver Shipyards Co. Ltd.
Victoria Machinery Depot (1986) Co. Ltd.

REACTIVATION

Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering Ltd.
Halifax-Dartmouth Industries Limited
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

REFITS

A.F. Theriault & Son Limited
Alberni Engineering (439281 B.C. Ltd.)
Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
Clarenville Drydock Limited
Custom Fabricators & Machinists

East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and
Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

REFRIGERATION

Canadian Shipbuilding & Engineering
Ltd.
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Key Marine Industries Ltd.
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd. Newfoundland
Dockyard Corporation
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

REFURBISHING

A.F. Theriault & Son Limited
Alberni Engineering (439281 B.C.
Ltd.)
Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering
Ltd.
Chantiers AML Inc. (Les)
Clarenville Drydock Limited
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
J.S.C. Inc. - Joiner Systems™
Key Marine Industries Ltd.
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.

Newfoundland Dockyard Corporation
Olympic Gear & Mfg Inc.
Peacock Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.
Victoria Machinery Depot (1986) Co.
Ltd.
Westinghouse, Canada Inc.

REPAIRS AFLOAT

A.F. Theriault & Son Limited
Alberni Engineering (439281 B.C.
Ltd.)
Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering
Ltd.
Clarenville Drydock Limited
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Key Marine Industries Ltd.
Lunenburg Industrial Foundry and
Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

RETROFITS

Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering
Ltd.
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.

Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

SLOP DISPOSAL/RECEPTION

Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
Vancouver Shipyards Co. Ltd.

STEAM

Alberni Engineering (439281 B.C. Ltd.)
Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

STEEL FABRICATION

A.F. Theriault & Son Limited
Alberni Engineering (439281 B.C. Ltd.)
Allied Shipbuilders Ltd.

Arvin Special Machinery Ltd. Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
Clarenville Drydock Limited
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Key Marine Industries Ltd.
Lunenburg Industrial Foundry and Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.
Victoria Machinery Depot (1986) Co. Ltd.

TANK CLEANING

Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering Ltd.
Chantiers AML Inc. (Les)
Clarenville Drydock Limited
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

TANK COATING

Canadian Shipbuilding & Engineering Ltd.

Chantiers AML Inc. (Les)
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and
Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.
Victoria Machinery Depot (1986) Co.
Ltd.

UNDERWATER CLEANING

Canadian Shipbuilding & Engineering
Ltd.
Clarenville Drydock Limited
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and
Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
Vancouver Shipyards Co. Ltd.

UNDERWATER REPAIRS

Canadian Shipbuilding & Engineering
Ltd.
Clarenville Drydock Limited
Custom Fabricators & Machinists
Halifax-Dartmouth Industries Limited
Lunenburg Industrial Foundry and
Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

UNDERWATER SURVEYS

Canadian Shipbuilding & Engineering
Ltd.
Halifax-Dartmouth Industries Limited
Marystown Shipyard Limited
MIL Davie Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Vancouver Shipyards Co. Ltd.

VOYAGE REPAIRS

Canadian Shipbuilding & Engineering
Ltd.
Chantiers AML Inc. (Les)
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Key Marine Industries Ltd.
Marystown Shipyard Limited
MIL Davie Ltd. Montreal Tankers
Repairs Inc.
Nanaimo Shipyard Ltd.
Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Vancouver Shipyards Co. Ltd.

WELDING SERVICES

A.F. Theriault & Son Limited
Alberni Engineering (439281 B.C.
Ltd.)
Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering
Ltd.
Clarenville Drydock Limited
Custom Fabricators & Machinists
East Isle Shipyard Limited
Halifax-Dartmouth Industries Limited
Key Marine Industries Ltd.
Lunenburg Industrial Foundry and
Engineering (LIFE)
Marystown Shipyard Limited
MIL Davie Ltd.
Montreal Tankers Repairs Inc.
Nanaimo Shipyard Ltd.

Newfoundland Dockyard Corporation
North Sydney Marine Railway Inc.
Saint John Shipbuilding Limited
Steel and Engine Products Limited
Vancouver Shipyards Co. Ltd.

C. NAVAL, MARINE AND OFFSHORE EQUIPMENT AND COMPONENTS

ACOUSTIC RANGE PREDICTION SYSTEMS

Seimac Ltd.

AIR CONDITIONING

See "Heating, Ventilation & Air Conditioning"

ADAPTERS

(Hose and Pipe)

Hastings Brass Foundry Ltd.

AIR PORTS

Cla-Val Canada Inc.

ALARM SYSTEMS

CTH Instruments Ltd.

GEC Alsthom International Canada Inc.

Jastram Technologies Ltd.

Kobelt Manufacturing Company Limited

Prime Mover Controls Inc.

Siemens Electric Limited

Westinghouse Canada Inc.

ALLOYS - NON FERROUS

A. Crosbie Inc.

ALTERNATORS

GEC Alsthom International Canada Inc.

Hewitt Equipment Limited - Energy Division

Siemens Electric Limited

ANCHOR CHAIN

Lister Bolt & Chain Ltd.

Thiele Canada Inc.

ANCHORS

Alberni Engineering (439281 B.C. Ltd.)

Lister Bolt & Chain Ltd.

ARCTIC INSTRUMENTS

METOCEAN Data Systems Ltd.

ATMOSPHERIC DIVING SYSTEMS

T. Thompson Ltd.

AUTOPILOT SYSTEMS AND ACCESSORIES

Comnav Marine Autopilots

BATTERIES

Alupower Canada Limited

Devtek Aerospace Company

GEC Alsthom International Canada Inc.

Hewitt Equipment Limited - Energy Division

Jastram Technologies Ltd.

MILRAIL Inc.

Siemens Electric Limited

BEARINGS

Hall and Stavert Ltd.

Hastings Brass Foundry Ltd.

Patlon Industries Limited

Peacock Inc.

Steel and Engine Products Limited

Thordon Bearings Inc.

Westinghouse Canada Inc.

BILGE WATER SEPARATORS

A. Crosbie Inc.

Aircraft Appliances & Equipment Limited

Montreal Tankers Repairs Inc.

Steel and Engine Products Limited

Zenon Environmental Inc.

BOAT FENDERS

Rotech International Industries Inc.

BOATS

(Inflatable, liferafts and rescue)

Dunlop Beaufort Ltd.

Zodiac Hurricane Technologies Inc.

BOILERS

NEI Clarke Chapman Canada

Stone Boilers Canada

BOILER MOUNTINGS & CONTROLS

CTH Instruments Ltd.

ITT Barton Instruments

Montreal Tankers Repairs Inc.

Siemens Electric Limited

BOLLARDS

AWSM Division of Avcorp Ind.

Burrard Iron Works Ltd.

Chantiers AML Inc. (Les)

Hastings Brass Foundry Ltd.

Keypower Equipment Inc.

Wilson Machine Co. Limited

BOTTLES, WATER SAMPLING

Brooke Ocean Technology Ltd.

BOW THRUSTERS

Hawboldt Industries (1989) Ltd.

Keypower Equipment Inc.

Osborne Propellers Ltd.

Peacock Inc.

Siemens Electric Limited

Stone Marine Canada Ltée

Ulstein Maritime Ltd.

BRAKE COMPONENTS

Olympic Gear & Mfg Inc.

BREATHING AIR SYSTEMS

Godfrey Aerospace Inc.

BRIDGE, ELECTRICAL/ELECTRONIC COMPONENTS AND SYSTEMS

See "Electrical/Electronic Components & Systems"

BRONZE FITTINGS

Aeroquip (Canada) Inc.

Clarenville Drydock Limited

Hall and Stavert Ltd.

Hastings Brass Foundry Ltd.

Hawboldt Industries (1989) Ltd.

Kobelt Manufacturing Company

Limited

Olympic Gear & Mfg Inc.

Stone Marine Canada Ltée

Steel and Engine Products Limited

BULKHEADS, LININGS

A. Crosbie Inc.

Chantiers AML Inc. (Les)

Clarenville Drydock Limited

J.S.C. Inc. - Joiner Systems™

Montreal Tankers Repairs Inc.

Rivtow Marine Ltd.

BUOYS

Brooke Ocean Technology Ltd.

Custom Fabricators & Machinists

Ebco Industries Ltd.

Internav Limited

Marystown Shipyard Limited

Rivtow Marine Ltd.

Rotech International Industries Inc.

Seimac Ltd.

Steel and Engine Products Limited

Trenton Works

Victoria Machinery Depot (1986) Co.

Ltd.

BUOYS, METEOROLOGICAL

METOCEAN Data Systems Limited

BUOYS, SONO

Devtek Aerospace Company
Hermes Electronics Limited
METOCEAN Data Systems Limited
Sensor Technology Limited
Sparton of Canada
Trenton Works

CABIN FITTINGS

A. Crosbie Inc.
Clarenville Drydock Limited
J.S.C. Inc. - Joiner Systems™
Montreal Tankers Repairs Inc.

CABINETS, SHIPBOARD

BEDCO Division of Gerodon
Inc./BEDCO Lab Ltd.
Devtek Aerospace Company
J.S.C. Inc. - Joiner Systems™

CABLE HANDLING SYSTEMS

Indal Technologies Inc.

CABLE TRANSITS

Jastram Technologies Inc.

CAPSTANS

A. Crosbie Inc.
Burrard Iron Works Ltd.
Hall and Stavert Ltd.
Hawboldt Industries (1989) Ltd.
Hydro-Mac Inc.
Jeamar Winches Ltd.
Keypower Equipment Inc.
Lunenburg Industrial Foundry and
Engineering (LIFE)
NEI Clarke Chapman Canada
Wilson Machine Co. Limited

CARGO HANDLING EQUIPMENT

Ebco Industries Ltd.
Hydro-Mac Inc.
Key Marine Industries Ltd.
NEI Clarke Chapman Canada

Plad Equipment Ltd.
Trenton Works
Wilson Machinery Co. Limited

CASTINGS

A. Crosbie Inc.
AWSM Division of Avcorp Ind.
Hall and Stavert Ltd.
Hastings Brass Foundry Ltd.
Hawboldt Industries (1989) Ltd.
Hawker Siddeley Canada Inc.
Kobelt Manufacturing Company
Limited
Lunenburg Industrial Foundry and
Engineering (LIFE)
Osborne Propellers Ltd.
Steel and Engine Products Limited

CEILING SYSTEMS

J.S.C. Inc. - Joiner Systems™

CHAIN AND ACCESSORIES

Columbus McKinnon Limited
Lister Bolt & Chain Ltd.
Thiele Canada Inc.

COATINGS

Devoe Coatings
International Paints (Canada) Ltd.
Métal 7 Inc.
Sermatech Canada Inc.
Steel and Engine Products Limited

**COMMAND AND CONTROL
SYSTEMS**

Andrew Canada Inc.
Array Systems Computing Inc.
Computing Devices Canada
Crossbow Electronics Inc.
Gallium Software Inc.
GEC Alsthom International Canada
Inc.
Honeywell Ltd.
ITT Barton Instruments

Kobelt Manufacturing Company Limited
Litton Systems Canada Limited
Paramax Systems Canada
SED Systems Inc.
Teleflex (Canada) Ltd.
Thomson-CSF Systems Canada Inc.

COMMUNICATIONS EQUIPMENT
(Receivers, Transmitters,
Transceivers, Radio Telephones, Base
Stations, Antennas, Tuners, Remotes
and Others)

Allied Signal Aerospace Canada Inc.
Andrew Canada Inc.
CAL Corporation
Computing Devices Canada
Crystar Research Inc.
Devtek Aerospace Company
METOCEAN Data Systems Limited
MITEL Corporation
MPB Technologies Inc.
Paramax Systems Canada
Sea Link Ltd.
SED Systems Inc.
Seimac Ltd.
Techwest Data Systems Ltd.
Ultimateast Data Communications
Ltd.
Valcom Ltd.

COMMUNICATIONS, SHIP

Andrew Canada Inc.
Array Systems Computing Inc.
Computing Devices Canada
Devtek Aerospace Company
Sea Link Ltd.
SED Systems Inc.
United Marine (Division of Cansim
Simulators Ltd.)
Ultimateast Data Communications
Ltd.

COMMUNICATIONS SYSTEMS, HF
Hermes Electronics Limited
Ultimateast Data Communications
Ltd.

**COMPRESSED AIR DRYERS AND
FILTERS**
Compair Canada Inc.

COMPRESSORS
Arthur S. Leitch Company Limited
(The)
Compair Canada Inc.
Godfrey Aerospace Inc.
Hawker Siddeley Canada Inc.
MIL Systems Engineering Inc. (MSEI)
Plad Equipment Ltd.

CONDENSERS
Arthur S. Leitch Company Limited
(The)
MIL Systems Engineering Inc. (MSEI)
Stork Canada

CONDITION MONITORING SYSTEMS
GasTOPS Ltd.

CONNECTIONS, FLEXIBLE
Patlon Industries Limited

CONSOLES
BEDCO Division of Gerodon
Inc./BEDCO Lab Ltd.
CAE Electronics Ltd.
Canadian Shipbuilding & Engineering
Ltd.
Computing Devices Canada
Devtek Aerospace Company
GEC Alsthom International Canada
Inc.
Prime Mover Controls Inc.
Softac Systems Ltd.
Thomson-CSF Systems Canada Inc.
Westinghouse Canada Inc. Control and

**CONTAINERS, ENVIRONMENTAL
EQUIPMENT**

AWSM Division of Avcorp Ind.
MIL Systems Engineering Inc. (MSEI)
Montreal Tankers Repairs Inc.
Rotech International Industries Inc.
Stork Canada

**CONTROL SYSTEMS, NAVIGATION &
STEERING**

Allied Signal Aerospace Canada Inc.
Array Systems Computing Inc.
Autonav Marine Systems Inc.
CAE Electronics Ltd.
Honeywell Ltd.
Internav Limited
ITT Barton Instruments
Jastram Technologies Ltd.
Kobelt Manufacturing Company
Limited
Teleflex (Canada) Ltd.
Offshore Systems Ltd.
Siemens Electric Limited
T.N.T. Total Naval Technological
Associates Inc.
Thomson-CSF Systems Canada Inc.
Valcom Ltd.

CONTROL SYSTEMS, PROPULSION

Alupower Canada Limited
CAE Electronics Ltd.
GEC Alsthom International Canada
Inc.
General Electric Canada Inc.
Hewitt Equipment Limited - Energy
Division
International Submarine Engineering
Kobelt Manufacturing Company
Limited
Prime Mover Controls Inc.
RSI Research Ltd.
Siemens Electric Limited
Softac Systems Ltd.
Steel and Engine Products Limited

Ulstein Maritime Ltd.
Wartsila Diesel Canada Inc.
Westinghouse Canada Inc.

CONVEYORS, BELTS, SCREW

Custom Fabricators & Machinists
Entreprises Julien Inc. (Les)
Stephens-Adamson

COOLERS

Arthur S. Leitch Company Limited
(The)
MIL Systems Engineering Inc. (MSEI)

CRANES

Ebco Industries Ltd.
Halifax-Dartmouth Industries Limited
Hawboldt Industries (1989) Ltd.
John T. Hepburn Ltd.
Key Marine Industries Ltd.
NEI Clarke Chapman Canada
Olympic Gear & Mfg Inc.
Timberland Equipment Limited

DAMPERS, VISCOUS TORSIONAL

Lo-Rez Vibration Control Ltd.

**DATA ACQUISITION AND CONTROL
SYSTEMS FOR ENGINES**

MDS Aero Support Corporation
MPB Technologies Inc.
Software Kinetics Ltd.

DATA ACQUISITION SYSTEMS

Allied Signal Aerospace Canada Inc.
Applied Microsystems Ltd.
CAE Electronics Inc.
Computing Devices Canada
Dominis Engineering Ltd.
Focal Technologies Inc.
GasTOPS Ltd.
GEC Alsthom International Canada
Inc.
Interactive Circuits and Systems Ltd.

Knudsen Engineering Ltd.
METOCEAN Data Systems Limited
MIL Systems Engineering Inc. (MSEI)
Prime Mover Controls Inc.
Siemens Electric Limited
Seimac Ltd.
Sparton of Canada
Thomson-CSF Systems Canada Inc.
Westinghouse Canada Inc.

DAVITS

A. Crosbie Inc.
Allied Shipbuilders Ltd.
Ebco Industries Ltd.
J.S.C. Inc. - Joiner Systems™
Lunenburg Industrial Foundry and
Engineering (LIFE)
Wilson Machine Co. Limited

DECK COVERINGS

J.S.C. Inc. - Joiner Systems™

DECK MACHINERY

Brooke Ocean Technology Ltd.
Burrard Iron Works Ltd.
Ebco Industries Ltd.
Hawboldt Industries (1989) Ltd.
Hydro-Mac Inc.
J.S.C. Inc. - Joiner Systems™
Jeamar Winches Ltd.
John T. Hepburn Ltd.
Keypower Equipment Inc.
Lister Bolt & Chain Ltd.
Lunenburg Industrial Foundry and
Engineering (LIFE)
Montreal Tankers Repairs Inc.
NEI Clarke Chapman Canada
Sea-Tec Fabricators Ltd.
Timberland Equipment Limited
Wilson Machine Co. Limited

DESALINATION EQUIPMENT

Aircraft Appliances & Equipment
Limited

CTH Instruments Ltd.
Jastram Technologies Ltd.
NEI Clarke Chapman Canada
Peacock Inc.

DIAGNOSTIC SYSTEMS

GasTOPS Ltd.

DISPLAYS

Computing Devices Canada
Iotek Inc.
ITT Barton Instruments
Siemens Electric Limited
Software Kinetics Ltd.
Thomson-CSF Systems Canada Inc.

DIVING EQUIPMENT

Fullerton Sherwood Engineering Ltd.
White's Manufacturing

DOCK CORNERS

Rotech International Industries Inc.

DOORS, CARGO

T.N.T. Total Naval Technological
Associates Inc.

DOORS, FIRE RATED

Autosystems Manufacturing Inc.

DOORS, HANGAR, MARINE

A. Crosbie Inc.
Indal Technologies Inc.
Rivtow Marine Ltd.
T.N.T. Total Naval Technological
Associates Inc.

DOORS, MARINE

A. Crosbie Inc.
Autosystems Manufacturing Inc.
Clarenville Drydock Limited
J.S.C. Inc. - Joiner Systems™
Rivtow Marine Ltd.

T.N.T. Total Naval Technological
Associates Inc.

DRAINS

A. Crosbie Inc.

DRIVES

GEC Alsthom International Canada
Inc.

Olympic Gear & Mfg Inc.

Softac Systems Ltd.

Westinghouse Canada Inc.

ECHOSOUNDERS

Knudsen Engineering Ltd.

**ELECTRICAL/ELECTRONIC
COMPONENTS AND SYSTEMS**

Active Shaft Grounding Systems

Siemens Electric Limited

W.R. Davis Engineering Limited

Circuit Breakers

GEC Alsthom International Canada
Inc.

Hewitt Equipment Limited - Energy
Division

Siemens Electric Limited

Westinghouse Canada Inc.

Components, Custom Manufactured

Crystar Research Inc.

Computer Systems/Software

Spar Aerospace Limited

Thomson-CSF Systems Canada Inc.

Consoles - Bridge and Engine Room

CAE Electronics Ltd.

Canadian Shipbuilding & Engineering
Ltd.

CTH Instruments Ltd.

Devtek Aerospace Company

GEC Alsthom International Canada
Inc.

Hewitt Equipment Limited - Energy
Division

ITT Barton Instruments

Kobelt Manufacturing Company
Limited

Offshore Systems Ltd.

Prime Mover Controls Inc.

Pylon Atlantic Inc.

Siemens Electric Limited

Softac Systems Ltd.

Thomson-CSF Systems Canada Inc.

Westinghouse Canada Inc.

Control and Monitoring

AEG Canada Inc.

Fibre Optics

Focal Technologies Inc.

Power Supplies, Switches and Wire

Alcatel Canada Wire Inc.

Canadian Shipbuilding & Engineering
Ltd.

ITT Cannon

Jastram Technologies Ltd.

K.B. Electronics (1989) Ltd.

MILRAIL Inc.

Newtech Instruments Limited

Siemens Electric Limited

Sea Marine Ltd.

Printed Circuit Board Populating

Newtech Instruments Limited

Signal Processors

Iotek Inc.

Slip Rings

Focal Technologies Inc.

Switchboards

Bristol Aerospace Limited

Canadian Shipbuilding & Engineering Ltd.
CEGELEC/BG Automatec
GEC Alstom International Canada Inc.
Hewitt Equipment Limited - Energy Division
International Energy Systems Corp.
Jastram Technologies Ltd.
Pylon Atlantic Inc.
Sea Marine Ltd.
Siemens Electric Limited
Westinghouse Canada Inc.

ELECTRONIC ASSEMBLIES/SUB ASSEMBLIES
C-Tech Ltd. (custom)

ELECTRONIC COUNTERMEASURES (ECM) SYSTEMS
Lockheed Canada Inc.

ELECTRONIC MODULES, STANDARD (SEM)
C-Tech Ltd.

ELECTRONIC NAVIGATION/CHARTING SYSTEMS
Crossbow Electronics Inc.
Offshore Systems Ltd.

ELECTRONIC SUPPORT MEASURES (ESM) SYSTEMS
Lockheed Canada Inc.

ELECTRONIC SUPPORT TRAINING SYSTEMS
Lockheed Canada Inc.

ELECTRONIC SURVEILLANCE SYSTEMS
Lockheed Canada Inc.

ELECTRONIC WARFARE INTEGRATED SUPPORT SYSTEMS
Lockheed Canada Inc.

ELEVATORS
John T. Hepburn Ltd.
Stephens-Adamson
T.N.T. Total Naval Technological Associates Inc.
Westinghouse Canada Inc.

EMERGENCY POSITION INDICATOR RADIO BEACON
CAL Corporation

ENCLOSURES, ENGINE - ACOUSTICAL
AWSM Division of Avcorp Ind.
General Electric Canada Inc.
Indal Technologies Inc.
International Energy Systems Corp.
Racan Industries Inc.

ENGINE ROOM - ELECTRICAL/ELECTRONIC COMPONENTS AND SYSTEMS
See "Electrical/Electronic Components and Systems"

ENGINES

Diesel
GEC Alstom International Canada Inc.
Hewitt Equipment Limited - Energy Division
International Energy Systems Corp.
Lunenburg Industrial Foundry and Engineering (LIFE)
Midwest Power Products
Wartsila Diesel Canada Inc.

Diesel Electric

GEC Alstom International Canada Inc.

Hewitt Equipment Limited - Energy Division

International Energy Systems Corp.
Wartsila Diesel Canada Inc.

Gas Turbine

GEC Alstom International Canada Inc.

General Electric Canada Inc.

International Energy Systems Corp.
Pratt & Whitney Canada Inc.

Gas Turbine Electric

GEC Alstom International Canada Inc.

General Electric Canada Inc.

International Energy Systems Corp.
Pratt & Whitney Canada Inc.

Pre-heaters, Coolants

Teleflex (Canada) Ltd.

ENGINE CONTROL MODULES

CAE Electronics Ltd.

Hewitt Equipment Limited - Energy Division

International Energy Systems Corp.
Kobelt Manufacturing Company Limited

Siemens Electric Limited

Wartsila Diesel Canada Inc.

**ENVIRONMENTAL
INSTRUMENTATION**

Applied Microsystems Ltd.

**ENVIRONMENTAL MONITORING
EQUIPMENT**

Seimac Ltd.

EXPANSION JOINTS

J.S.C. Inc. - Joiner Systems™

Patlon Industries Limited

EXHAUST SYSTEMS

Allied Shipbuilders Ltd.

Custom Fabricators & Machinists

International Energy Systems Corp.

MIL Davie Inc.

MIL Systems Engineering Inc. (MSEI)

Racan Industries Inc.

Stork Canada

FABRICATION, CUSTOM

A. Crosbie Inc.

Allied Shipbuilders Ltd.

Arthur S. Leitch Company Limited
(The)

BEDCO Division of Gerodon
Inc./BEDCO Lab Ltd.

Canadian Shipbuilding & Engineering Ltd.

Clarenville Drydock Limited

Custom Fabricators & Machinists

Ebco Industries Ltd.

International Energy Systems Corp.

J.S.C. Inc. - Joiner Systems™

Lunenburg Industrial Foundry and
Engineering (LIFE)

Métal 7 Inc.

MIL Davie Inc.

Montreal Tankers Repairs Inc.

Newfoundland Dockyard Corporation

North Sydney Marine Railway Inc.

Racan Industries Inc.

Rivtow Marine Ltd.

Sea-Tec Fabricators Ltd.

Steel and Engine Products Limited

Stork Canada (HVAC & R)

Trenton Works

Victoria Machinery Depot (1986) Co.
Ltd.

FANS

Godfrey Aerospace Inc.
International Energy Systems Corp.
MIL Systems Engineering Inc. (MSEI)
Racan Industries Inc.

FILTERS

Aircraft Appliances & Equipment Limited
Arthur S. Leitch Company Limited (The)
General Electric Canada Inc.
Hewitt Equipment Limited - Energy Division
International Energy Systems Corp.
MIL Systems Engineering Inc. (MSEI)
Peacock Inc.
Racan Industries Inc.
York Fluid Controls Ltd.

FILTRATION SYSTEMS

Aircraft Appliances & Equipment Limited
Cla-Val Canada Ltd.
Dramex Corporation Métal Déployé
International Energy Systems Corp.
MIL Systems Engineering Inc. (MSEI)
Racan Industries Inc.
Stork Canada
York Fluid Controls Ltd.

FIRE DAMPERS

J.S.C. Inc. - Joiner Systems™
MIL Systems Engineering Inc. (MSEI)
Montreal Tankers Repairs Inc.
Stork Canada

FIRE PROTECTION SYSTEMS

CAE Electronics Ltd.
Cla-Val Canada Ltd.
Dunlop Beaufort Ltd.
J.S.C. Inc. - Joiner Systems™
MIL Systems Engineering Inc. (MSEI)
Rivtow Marine Ltd.

Securiplex Technologies Inc.
Siemens Electric Limited

FIRE FIGHTING CABINETS

BEDCO Division of Gerodon Inc./BEDCO Lab Ltd.
J.S.C. Inc. - Joiner Systems™

FIRE RATED DOORS & WINDOWS

Autosystems Manufacturing Inc.

FITTINGS

(Pipe, Flanged, Screw & Welded)

A. Crosbie Inc.
Aeroquip (Canada) Inc.
Clarenville Drydock Limited
Custom Fabricators & Machinists
Montreal Tankers Repairs Inc.
Steel and Engine Products Limited

FITTINGS, HOSE

A. Crosbie Inc.
Aeroquip (Canada) Inc.
Clarenville Drydock Limited
Hastings Brass Foundry Ltd.
Niedner Ltd.
Sea-Tec Fabricators Ltd.
Steel and Engine Products Limited

FLANGES

A. Crosbie Inc.
Aeroquip (Canada) Inc.
Arvin Special Machinery Ltd.
Hastings Brass Foundry Ltd.

FLOOR PROTECTION, TEMPORARY

MILRAIL Inc.

FLOTATION SUITS

Mustang Survival

FUEL CELL POWER PLANTS

CAE Electronics Ltd.
MIL Systems Engineering Inc. (MSEI)

Siemens Electric Limited

FUEL MONITORING AND OPTIMIZING SYSTEMS

ITT Barton Instruments
MIL Systems Engineering Inc. (MSEI)
Securiplex Technologies Inc.

FURNISHINGS AND FURNITURE

AWSM Division of Avcorp Ind.
BEDCO Division of Gerodon
Inc./BEDCO Lab Ltd.
Ebco Industries Ltd.
J.S.C. Inc. - Joiner Systems™

GALLEY EQUIPMENT

Ebco Industries Ltd.
Entreprises Julien Inc. (Les)
Godfrey Aerospace Inc.
J.S.C. Inc. - Joiner Systems™
Lunenburg Industrial Foundry and
Engineering (LIFE)

GANGWAYS

Clarenville Drydock Limited
Custom Fabricators & Machinists
(custom)
Ebco Industries Ltd.
Indal Technologies Inc.
Montreal Tankers Repairs Inc.
North Sydney Marine Railway Inc.

GAS TURBINES

GEC Alsthom International Canada
Inc.
General Electric Canada Inc.
International Energy Systems Corp.
Pratt & Whitney Canada Inc.

GASKETS

A. Crosbie Inc.
J.S.C. Inc. - Joiner Systems™
North Sydney Marine Railway Inc.
White's Manufacturing Ltd.

GEAR REDUCER

Arvin Special Machinery Ltd. (repairs)
Olympic Gear & Mfg Inc.

GEARS, OTHER

Dramex Corporation Métal Déployé
Arvin Special Machinery Ltd. (helical,
spur, worm)
Olympic Gear & Mfg Inc.

GEARS, PROPULSION

GEC Alsthom International Canada
Inc.
Hewitt Equipment Limited - Energy
Division
Olympic Gear & Mfg Inc.
Steel and Engine Products Limited
Wartsila Diesel Canada Inc.

GENERATION AND DISTRIBUTION SYSTEMS

AEG Canada Inc.

GENERATORS

Diesel Electric

GEC Alsthom International Canada
Inc.
International Energy Systems Corp.
Hewitt Equipment Limited - Energy
Division
Midwest Power Products
Siemens Electric Limited
Steel and Engine Products Limited
Wartsila Diesel Canada Inc.

Electric

GEC Alsthom International Canada
Inc.
International Energy Systems Corp.
Siemens Electric Limited
Wartsila Diesel Canada Inc.

Gas Turbine Electric

GEC Alstom International Canada Inc.
General Electric Canada Inc.
International Energy Systems Corp.
Pratt & Whitney Canada Inc.

GEOPHYSICAL INSTRUMENTATION

Applied Microsystems Ltd.

GLANDS STUFFING BOX (BRONZE)

A. Crosbie Inc.
Allied Shipbuilders Ltd.
Clarenville Drydock Limited
Hall and Stavert Ltd.
Hastings Brass Foundry Ltd.
Hawboldt Industries (1989) Ltd.
Lunenburg Industrial Foundry and Engineering (LIFE)
MILRAIL Inc.
Steel and Engine Products Limited

GOVERNORS

Teleflex (Canada) Ltd

GRATINGS

Dramex Corporation Métal Déployé
J.S.C. Inc. - Joiner Systems™
Steel and Engine Products Limited

HANGARS, HELICOPTER

Indal Technologies Inc.
MIL Davie Inc.

HATCH COVER CRANES

Canadian Shipbuilding & Engineering Ltd.
Ebco Industries Ltd.
MIL Davie Inc.
White's Manufacturing Ltd.

HATCH COVERS

A. Crosbie Inc.

Canadian Shipbuilding & Engineering Ltd.

East Isle Shipyard Limited
Ebco Industries Ltd.
Indal Technologies Inc.
J.S.C. Inc. - Joiner Systems™
MIL Davie Inc.
Rivtow Marine Ltd.

HATCHES

A. Crosbie Inc.
East Isle Shipyard Limited
Ebco Industries Ltd.
Indal Technologies Inc.
J.S.C. Inc. - Joiner Systems™
MIL Davie Inc.
Rivtow Marine Ltd.

HEAT EXCHANGERS

Arthur S. Leitch Company Limited (The)
Ebco Industries Ltd.
Godfrey Aerospace Inc.
Hewitt Equipment Limited - Energy Division
MIL Systems Engineering Inc. (MSEI)
Montreal Tankers Repairs Inc.
Stork Canada
Victoria Machinery Depot (1986) Co. Ltd.

HEATING, VENTILATION SYSTEMS AND**AIR CONDITIONING**

Berg Chilling Systems Inc.
Lunenburg Industrial Foundry and Engineering (LIFE)
MIL Systems Engineering Inc. (MSEI)
Montreal Tankers Repairs Inc.
Racan Industries Inc.
Stork Canada
Trane Canada

**HELICOPTER LANDING DECKS
(HELI-PADS)**

Allied Shipbuilders Ltd.
Ebco Industries Ltd.
Indal Technologies Inc.
MIL Davie Inc.

HELICOPTER RECOVER SYSTEMS

Honeywell Ltd.
Indal Technologies Inc.
NEI Clarke Chapman Canada

**HELICOPTER RE-FUELLING AT SEA
(H.I.F.R.)**

A. Crosbie Inc.
Aeroquip (Canada) Inc.
Cla-Val Canada Inc.

HF COMMUNICATION SYSTEMS

Hermes Electronics Limited

**HIGH SPEED UNDERWAY PROFILING
SYSTEM**

Brooke Ocean Technology Ltd.

HOISTS

Columbus McKinnon Limited
Ebco Industries Ltd.
Hydro-Mac Inc.
Jeamar Winches Ltd.
NEI Clarke Chapman Canada
Stephens-Adamson
Timberland Equipment Limited

HOSE

Niedner Ltd.

HUMIDIFIERS

MIL Systems Engineering Inc. (MSEI)
Racan Industries Inc.
Spirax Sarco Canada Limited

**HYDRAULIC
COMPONENTS/SYSTEMS**

Aeroquip (Canada) Inc.
Autonav Marine Systems Inc.
Clarenville Drydock Limited
Custom Fabricators & Machinists
Hawboldt Industries (1989) Ltd.
Hydro-Mac Inc.
Montreal Tankers Repairs Inc.
Keypower Equipment Inc.
Kobelt Manufacturing Company
Limited
Monarch Industries Ltd.
RSI Research Ltd.
Sea-Tec Fabricators Ltd.

HYDROPHONES

C-Tech Ltd

ICE BEACONS

METOCEAN Data Systems Limited

**ICE DETECTION AND
CLASSIFICATION RADAR SYSTEMS**

Crossbow Electronics Inc.

ICE MAKING EQUIPMENT

Berg Chilling Systems Inc.
Stork Canada

INCINERATORS

Ebco Industries Ltd.

INDICATORS

(Depth, Tank Level)
ITT Barton Instruments

INDICATORS, RUDDER ANGLE

Autonav Marine Systems Inc.
Kobelt Manufacturing Company
Limited
Steel and Engine Products Limited

INFRARED SYSTEMS

Spar Aerospace Limited
Thomson-CSF Canada Inc.
W.R. Davis Engineering Limited
(Suppression)

INSTRUMENTATION

Applied Microsystems Ltd.
C-Tech Ltd.
Canadian Shipbuilding & Engineering
CTH Instruments Ltd.
Dominis Engineering Ltd. (Ship
Research)
GEC Alsthom International Canada
Inc.
ITT Barton Instruments
Marine Safe Electronics
MIL Systems Engineering Inc. (MSEI)
Pylon Atlantic Inc.
Siemens Electric Limited
Sparton of Canada
Techno Scientific Inc.
Thomson-CSF Systems Canada Inc.

INSULATING MATERIALS

Dramex Corporation Métal Déployé
J.S.C. Inc. - Joiner Systems™
MILRAIL Inc.

**INTEGRATED DIGITAL
COMMUNICATION SYSTEMS**

Spar Aerospace Limited

INTERIORS

J.S.C. Inc. - Joiner Systems™

LADDERS/STAIRWAYS

Chantiers AML Inc. (Les)
East Isle Shipyard Limited
Indal Technologies Inc.
J.S.C. Inc. - Joiner Systems™
Lunenburg Industrial Foundry and
Engineering (LIFE)
MIL Davie Inc.

Montreal Tankers Repairs Inc.
North Sydney Marine Railway Inc.

**LANDING AND SECURING SYSTEMS
- HELICOPTER**

Indal Technologies Inc.

LAUNCH AND RECOVERY SYSTEMS

Brooke Ocean Technology Ltd.

LIFE JACKETS

Mustang Survival
Rotech International Industries Inc.

LIFE PRESERVERS

Mustang Survival
Rotech International Industries Inc.

LIFEBOATS

Dunlop Beaufort Ltd.
J.S.C. Inc. - Joiner Systems™
Clarenville Drydock Limited
Rivtow Marine Ltd.
Tulmar Safety Systems Inc.
Zodiac Hurricane Technologies Inc.

LIGHTS

CTH Instruments Ltd.
EJE Trans-lite Inc. (rescue)
Godfrey Aerospace Inc.
Jastram Technologies Ltd. (search)
Clarenville Drydock Limited
J.S.C. Inc. - Joiner Systems™
MILRAIL Inc.
Patlon Industries Limited
Tulmar Safety Systems Inc.

LINER COATINGS

Clarenville Drydock Limited
Métal 7 Inc.

LOADING RAMPS

Alberni Engineering (439281 B.C.
Ltd.)

LOADING/UNLOADING SYSTEMS

Ebco Industries Ltd.
John T. Hepburn Ltd.
NEI Clarke Chapman Canada
Stephens-Adamson
Trenton Works

MARINE EXHAUST MUFFLERS

Hewitt Equipment Limited - Energy
Division
International Energy Systems Corp.
Steel and Engine Products Limited

MARINE TRAINING SIMULATORS

Allied Signal Aerospace Canada Inc.
ATS Aerospace Inc.
CAE Electronics Ltd.
Iotek Inc.
Paramax Systems Canada
Siemens Electric Limited
Thomson-CSF Systems Canada Inc.

MASTS

A. Crosbie Inc.
Allied Shipbuilders Ltd.
Custom Fabricators & Machinists
East Isle Shipyard Limited
MIL Davie Inc.
Montreal Tankers Repairs Inc.

**MEASUREMENT PROBES, DIRECT
SOUND VELOCITY**

Applied Microsystems Ltd.

METALIZATION

Ebco Industries Ltd.
Métal 7 Inc.
Montreal Tankers Repairs Inc.
Peacock Inc.

MONITORS

(Tank Level, Oil/Water)
ITT Barton Instruments
Techno Scientific Inc.

MOORING SYSTEMS

John T. Hepburn Ltd.

MOTORS-ELECTRICAL AC & DC

GEC Alsthom International Canada
Inc.
Siemens Electric Limited
Softac Systems Ltd.

MOTORS-HYDRAULIC

Hydro-Mac Inc. (repair & overhaul)

MOUNTS

Patlon Industries Limited

NAVAL SURVEILLANCE SYSTEMS

Spar Aerospace Limited

NAVIGATION AIDS

Allied Signal Aerospace Canada Inc.
Andrew Canada Inc.
C-Tech Ltd.
Canadian Marconi Company
CTH Instruments Ltd.
Honeywell Ltd.
Internav Limited
ITT Barton Instruments
Jastram Technologies Ltd.
Offshore Systems Ltd.
Thomson-CSF Systems Canada Inc.

NAVIGATION SYSTEMS

Spar Aerospace Limited

**OCEAN CURRENT PROFILING
SYSTEMS**

Newtech Instruments Limited

OCEANOGRAPHIC EQUIPMENT

Brooke Ocean Technology Ltd.

**OCEANOGRAPHIC
INSTRUMENTATION**

Applied Microsystems Ltd.

OIL DEBRIS MONITORING SYSTEMS

GasTOPS Ltd.

OIL PURIFIERS

Peacock Inc.

Utopia Fabricating Co. Ltd.

Zenon Environmental Inc.

**OIL SPILL CONTROL
EQUIPMENT/SYSTEMS**

Godfrey Aerospace Inc.

Hawboldt Industries (1989) Ltd.

InterCon Consultants

Kvaerner Masa Marine Inc.

METOCEAN Data Systems Limited

MPB Technologies Inc.

RSI Research Ltd.

Thiele Canada Inc.

OIL SPILL RECOVERY

InterCon Consultants

Kvaerner Masa Marine Inc.

Rivtow Marine Ltd.

Steel and Engine Products Limited

PACKINGS

Clarenville Drydock Limited

Hall and Stavert Ltd.

PAINTS

Devoe Coatings

International Paints (Canada) Limited

PIPE

Clarenville Drydock Limited

PIPE FITTINGS

A. Crosbie Inc.

Aeroquip (Canada) Inc.

Clarenville Drydock Limited

PIPE HANDLING SYSTEMS

John T. Hepburn Ltd.

PIPE SYSTEMS

Custom Fabricators & Machinists

PLATES, DECK

Custom Fabricators & Machinists

Clarenville Drydock Limited

Hawboldt Industries (1989) Ltd.

Lunenburg Industrial Foundry and
Engineering (LIFE)

Steel and Engine Products Limited

POLLUTION CONTROL EQUIPMENT

Hawboldt Industries (1989) Ltd.

Montreal Tankers Repairs Inc.

Steel and Engine Products Limited

Utopia Fabricating Co. Ltd.

PONTOONS

Custom Fabricators & Machinists

Indal Technologies Inc.

MIL Davie Inc.

Trenton Works

Zodiac Hurricane Technologies Inc.

PORT LIGHTS

CTH Instruments Ltd.

J.S.C. Inc. - Joiner Systems™

Hastings Brass Foundry Ltd.

POWER CONVERSION EQUIPMENT

CTS of Canada, Limited

GEC Alsthom International Canada
Inc.

K.B. Electronics (1989) Ltd.

Siemens Electric Limited

POWER SUPPLIES

GEC Alsthom International Canada
Inc.

International Energy Systems Corp.

ITT Barton Instruments

K.B. Electronics (1989) Ltd.

Siemens Electric Limited

Softac Systems Ltd.

Sparton of Canada

PREDICTIVE MAINTENANCE SYSTEMS

GasTOPS Ltd.
Marine Safe Electronics

PRESSURE VESSELS

Aircraft Appliances & Equipment Limited
Arthur S. Leitch Company Limited (The)
Ebco Industries Ltd.
Steel and Engine Products Limited
MIL Davie Inc.
Stork Canada
Trenton Works
Victoria Machinery Depot (1986) Co. Ltd.
York Fluid Controls Ltd.

PROFILING BUOYS

Brooke Ocean Technology Ltd.

PROPELLERS

Dominis Engineering Ltd.
Osborne Propellers Ltd.
Hall and Stavert Ltd.
Hastings Brass Foundry Ltd.
Hawboldt Industries (1989) Ltd.
Steel and Engine Products Limited
Lunenburg Industrial Foundry and Engineering (LIFE)
Stone Marine Canada Ltée
Victoria Machinery Depot (1986) Co. Ltd.
Wartsila Diesel Canada Inc.

PROPELLER NOZZLES

Alberni Engineering (439281 B.C. Ltd.)
Dominis Engineering Ltd.
Hall and Stavert Ltd.
Osborne Propellers Ltd.

Rivtow Marine Ltd.

T.N.T. Total Naval Technological Associates Inc.

Wartsila Diesel Canada Inc.

Victoria Machinery Depot (1986) Co. Ltd.

PROPULSION SYSTEMS

Alupower Canada Limited
Dominis Engineering Ltd.
General Electric Canada Inc.
Hewitt Equipment Limited - Energy Division
International Energy Systems Corp.
Siemens Electric Limited
Ulstein Maritime Ltd.
Wartsila Diesel Canada Inc.

PUMPS

A. Crosbie Inc.
Arthur S. Leitch Company Limited (The)
Gorman-Rupp of Canada Limited
Hydro-Mac Inc. (repair & overhaul)
Lunenburg Industrial Foundry and Engineering (LIFE)
Monarch Industries Ltd.
Niedner Ltd.
Peacock Inc.
Plad Equipment Ltd.
York Fluid Controls Ltd.

RADAR ANTENNAS

Allied Signal Aerospace Canada Inc.
Andrew Canada Inc.
Canadian Marconi Company
Devtek Aerospace Company
MPB Technologies Inc.
Thomson-CSF Systems Canada Inc.

RADAR SETS AND EQUIPMENT

Allied Signal Aerospace Canada Inc.
Canadian Marconi Company
Iotek Inc.

Siemens Electric Limited
Thomson-CSF Systems Canada Inc.

RADAR SYSTEMS

(Navigation/Surveillance)

Allied Signal Aerospace Canada Inc.
Array Systems Computing Inc.
Canadian Marconi Company
Crossbow Electronics Inc.
Honeywell Ltd.
Interactive Circuits and Systems Ltd.
International Submarine Engineering
Macdonald Dettwiler
Raytheon Canada Limited
Siemens Electric Limited
Thomson-CSF Systems Canada Inc.

RADIATORS

Hewitt Equipment Limited - Energy
Division

RAMPS - VEHICLE, MARINE

T.N.T. Total Naval Technological
Associates Inc.

RECEIVERS, NAVIGATIONAL

Internav Limited

RECTIFIERS

CTS of Canada, Limited
Jastram Technologies Ltd.
K.B. Electronics (1989) Ltd.
Softac Systems Ltd.

REFRIGERATION EQUIPMENT CARGO

Berg Chilling Systems Inc.
MIL Systems Engineering Inc. (MSEI)
Stork Canada

REMOTE MANIPULATORS

RSI Research Ltd.

REMOTE SYSTEMS

RSI Research Ltd.

REMOTELY OPERATED VEHICLES

RSI Research Ltd.

REPLENISHMENT-AT-SEA SYSTEMS

GEC Alsthom International Canada
Inc.
John T. Hepburn Ltd.
NEI Clarke Chapman Canada

RUDDERS

Allied Shipbuilders Ltd.
Canadian Shipbuilding & Engineering
Ltd.
Chantiers AML Inc. (Les)
Custom Fabricators & Machinists
Key Marine Industries Ltd.
Lunenburg Industrial Foundry and
Engineering (LIFE)
MIL Davie Inc.
Osborne Propellers Ltd.
Victoria Machinery Depot (1986) Co.
Ltd.

SEARCH AND RESCUE SATELLITE- AIDED TRACKING SYSTEM

CAL Corporation

SEALS

Fematics Canada Inc.
Patlon Industries Limited

SEARCH LIGHTS

Jastram Technologies Ltd.

SELF-LOADING/UNLOADING SYSTEMS

Stephens-Adamson

SENSORS

C-Tech Ltd.
CAE Electronics Ltd.
ITT Barton Instruments
MIL Systems Engineering Inc. (MSEI)
MPB Technologies Inc.

RSI Research Ltd.
Sensor Technology Limited
Siemens Electric Limited
Techno Scientific Inc.
Thomson-CSF Systems Canada Inc.
W.R. Davis Engineering Limited

SEPARATORS, OILY WATER

Aircraft Appliances & Equipment
Limited
Steel and Engine Products Limited

SEWAGE TREATMENT SYSTEMS

CTH Instruments Ltd.
Cla-Val Canada Ltd.
Montreal Tankers Repairs Inc.
Zenon Environmental Inc.

SHAFT COUPLINGS, FLEXIBLE

Lo-Rez Vibration Control Ltd.

SHAFTS

A. Crosbie Inc.
Allied Shipbuilders Ltd.
Arvin Special Machinery Ltd.
Clarenville Drydock Limited
Custom Fabricators & Machinists
Dominis Engineering Ltd.
Ebco Industries Ltd.
Hall and Stavert Ltd.
Hawboldt Industries (1989) Ltd.
Key Marine Industries Ltd.
Lunenburg Industrial Foundry and
Engineering (LIFE)
Osborne Propellers Ltd.
Trenton Works
Victoria Machinery Depot (1986) Co.
Ltd.

SHIP MOTION SENSING SYSTEM

Seimac Ltd.

SIGNALLING EQUIPMENT

BEDCO Division of Gerodon

Inc./BEDCO Lab Ltd.
CTH Instruments Ltd.
Interactive Circuits and Systems Ltd.
Jastram Technologies Ltd.
MILRAIL Inc.
Siemens Electric Limited
Thomson-CSF Systems Canada Inc.

SILENCERS

Hewitt Equipment Limited - Energy
Division
International Energy Systems Corp.
Racan Industries Inc.

SKIMMERS

Steel and Engine Products Limited

SONAR DOMES

Allied Signal Aerospace Canada Inc.
C-Tech Ltd.
Indal Technologies Inc.
MIL Davie Inc.

SONAR EQUIPMENT AND SYSTEMS

Array Systems Computing Inc.
C-Tech Ltd.
Computing Devices Canada
Crossbow Electronics Inc.
Honeywell Ltd.
Interactive Circuits and Systems Ltd.
Iotek Inc.
ITT Barton Instruments
Knudsen Engineering Ltd.
Lockheed Canada Inc.
Macdonald Dettwiler
Pylon Atlantic Inc.
Sensor Technology Limited
Simrad Mesotech Systems Ltd.
Sparton of Canada
Thomson-CSF Systems Canada Inc.

SONOBUOYS

Allied Signal Aerospace Canada Inc.
Devtek Aerospace Company

Hermes Electronics Limited
METOCEAN Data Systems Limited
Sensor Technology Limited
Sparton of Canada

SOUND PROOFING

Patlon Industries Limited
Racan Industries Inc.

SPEED REDUCERS

Olympic Gear & Mfg Inc.

SPROCKETS

Arvin Special Machinery Ltd. (custom made)

STEAM TRAPS

A. Crosbie Inc.
CTH Instruments Ltd.
Spirax Sarco Canada Limited

STEERABLE RUDDER PROPELLERS

Ulstein Maritime Ltd.

STEERING GEAR

A. Crosbie Inc.
Autonav Marine Systems Inc.
Hawboldt Industries (1989) Ltd.
Jastram Engineering Ltd.
Kobelt Manufacturing Company Limited
NEI Clarke Chapman Canada
Olympic Gear & Mfg Inc.
Steel and Engine Products Limited
Techno Scientific Inc.

STERN TUBES

Allied Shipbuilders Ltd.
Clarenville Drydock Limited
Hall and Stavert Ltd.
Osborne Propellers Ltd.
Steel and Engine Products Limited
Victoria Machinery Depot (1986) Co. Ltd.

STRAINERS

A. Crosbie Inc.
Aircraft Appliances & Equipment Limited
CTH Instruments Ltd.
Dramex Corporation Métal Déployé
Spirax Sarco Canada Limited

STRUCTURES AND UNDERWATER SUBSTRUCTURES

Canadian Shipbuilding & Engineering Ltd.
Indal Technologies Inc.
Steel and Engine Products Limited

STRUTS

Allied Shipbuilders Ltd.
Osborne Propellers Ltd.

STUFFING BOXES

A. Crosbie Inc.
Allied Shipbuilders Ltd.
Clarenville Drydock Limited
Hall and Stavert Ltd.
Hastings Brass Foundry Ltd.
Hawboldt Industries (1989) Ltd.
Lunenburg Industrial Foundry and Engineering (LIFE)
Osborne Propellers Ltd.
Steel and Engine Products Limited

SURVEILLANCE EQUIPMENT

Andrew Canada Inc.
Computing Devices Canada
Macdonald Dettwiler
Thomson-CSF Systems Canada Inc.

SUBSEA TOOLS

RSI Research Ltd.

SUCTION ENTRIES

Patlon Industries Limited

SURVIVAL APPAREL

Mustang Survival
White's Manufacturing

SYNTHETIC APERTURE RADAR

Array Systems Computing Inc.

TANKS

Arthur S. Leitch Company Limited
(The)
Canadian Shipbuilding & Engineering
Ltd.
Clarenville Drydock Limited
Ebco Industries Ltd.
Lunenburg Industrial Foundry and
Engineering (LIFE)
MIL Davie Inc.
Steel and Engine Products Limited

**TARGET RADAR AUGMENTED
PROJECTILES (TRAP)**

ATS Aerospace Inc.

**TARGET SYSTEMS (AIR AND
SURFACE)**

Bristol Aerospace Limited

THERMAL SPRAYING

Métal 7 Inc.

THRUSTER UNITS

Keypower Equipment Inc.
Osborne Propellers Ltd.
Peacock Inc.

TOWED ACOUSTIC ARRAYS

Devtek Aerospace Company
Hermes Electronics Limited

TOWING HOOKS

Burrard Iron Works Ltd.

TOWING MACHINES

Burrard Iron Works Ltd.

John T. Hepburn Ltd.

TOWING PINS

Allied Shipbuilders Ltd.

**TOWING SYSTEMS - HYDRAULIC
PINS**

Allied Shipbuilders Ltd.
Hawboldt Industries (1989) Ltd.
Hydro-Mac Inc.
Indal Technologies Inc.

TRANSDUCERS

C-Tech Ltd.
Techno Scientific Inc.

TRANSMISSIONS

Olympic Gear & Mfg Inc.

TRIMMERS

Stephens-Adamson

ULTRASONIC INSTRUMENTATION

Techno Scientific

**UNDERSEA FIBRE
TELECOMMUNICATIONS**

MPB Technologies Inc.

**UNDERWATER SURVEILLANCE
EQUIPMENT**

Simrad Mesotech Systems Ltd.

**UNMANNED AIR VEHICLE SUPPORT
SYSTEMS**

Indal Technologies Inc.

VACUUM SEWAGE SYSTEMS

Arthur S. Leitch Company Limited
(The)

VALVES AND FITTINGS

A. Crosbie Inc.
Cla-Val Canada Ltd.
CTH Instruments Ltd.
General Electric Canada Inc.
MILRAIL Inc.
Montreal Valve Reseating Ltd.
NEI Clarke Chapman Canada
Peacock Inc.
Prime Mover Controls Inc.
Velan Inc.

Air Intake Shutoff

Montreal Valve Reseating Ltd.

Air Starting

General Electric Canada Inc.
Montreal Valve Reseating Ltd.
NEI Clarke Chapman Canada

Angle

A. Crosbie Inc.
Montreal Valve Reseating Ltd.
Velan Inc.

Backflow Prevention

Cla-Val Canada Ltd.
Montreal Valve Reseating Ltd.

Ball

A. Crosbie Inc.
CTH Instruments Ltd.
Montreal Valve Reseating Ltd.
Velan Inc.

Ballasting

A. Crosbie Inc.
Montreal Valve Reseating Ltd.

Boiler Blow Off

A. Crosbie Inc.
Montreal Valve Reseating Ltd.

Bronze

A. Crosbie Inc.
Aeroquip (Canada) Inc.
Cla-Val Canada Ltd.
CTH Instruments Ltd.
Hawboldt Industries (1989) Ltd.
Kobelt Manufacturing Company
Limited
Montreal Valve Reseating Ltd.
Prime Mover Controls Inc.
Velan Inc.

Butterfly

A. Crosbie Inc.
CTH Instruments Ltd.
Montreal Valve Reseating Ltd.

Bypass (Steam Turbine)

A. Crosbie Inc.
Montreal Valve Reseating Ltd.
Prime Mover Controls Inc.

Check

A. Crosbie Inc.
CTH Instruments Ltd.
Montreal Valve Reseating Ltd.
Prime Mover Controls Inc.

Diaphragm Control

A. Crosbie Inc.
Cla-Val Canada Ltd.
CTH Instruments Ltd.
Kobelt Manufacturing Company
Limited
Montreal Valve Reseating Ltd.
Prime Mover Controls Inc.

Directional Control

A. Crosbie Inc.
Cla-Val Canada Ltd.
CTH Instruments Ltd.
Hydro-Mac Inc.
Kobelt Manufacturing Company
Limited

Montreal Valve Reseating Ltd.
Prime Mover Controls Inc.

Engine Overspeed

General Electric Canada Inc.
Montreal Valve Reseating Ltd.

Fire Fighting

Hastings Brass Foundry Ltd.

Fuel Shutoff

Godfrey Aerospace Inc.
Montreal Valve Reseating Ltd.

Gate

A. Crosbie Inc.
Montreal Valve Reseating Ltd.
Prime Mover Controls Inc.
Velan Inc.

Globe

A. Crosbie Inc.
Cla-Val Canada Ltd.
Montreal Valve Reseating Ltd.
NEI Clarke Chapman Canada

Heat Actuated

Montreal Valve Reseating Ltd.
CTH Instruments Ltd.

Hydraulic

Aeroquip (Canada) Inc.
Cla-Val Canada Ltd.
Hawboldt Industries (1989) Ltd.
Hydro-Mac Inc.
Kobelt Manufacturing Company
Limited
Montreal Valve Reseating Ltd.
Prime Mover Controls Inc.
Velan Inc.

Metric

Cla-Val Canada Ltd.
Hydro-Mac Inc.

Montreal Valve Reseating Ltd.

Moisture Separators

Spirax Sarco Canada Limited

Needle, Piston, Plug

Hydro-Mac Inc.
Montreal Valve Reseating Ltd.
NEI Clarke Chapman Canada
Prime Mover Controls Inc.
Velan Inc.

Pneumatic

CTH Instruments Ltd.
Hydro-Mac Inc.
Kobelt Manufacturing Company
Limited
Montreal Valve Reseating Ltd.
Prime Mover Controls Inc.

Pressure

Cla-Val Canada Ltd.
CTH Instruments Ltd.
Hydro-Mac Inc.
Kobelt Manufacturing Company
Limited
Montreal Valve Reseating Ltd.
NEI Clarke Chapman Canada
Velan Inc.

Pressure Reducing

Cla-Val Canada Ltd.
CTH Instruments Ltd.
Hydro-Mac Inc.
Kobelt Manufacturing Company
Limited
Montreal Valve Reseating Ltd.

Relief

Cla-Val Canada Ltd.
CTH Instruments Ltd.
Hydro-Mac Inc.
Montreal Valve Reseating Ltd.
Peacock Inc.

NEI Clarke Chapman Canada

Safety

A. Crosbie Inc.
CTH Instruments Ltd.
Hydro-Mac Inc.
Montreal Valve Reseating Ltd.
Peacock Inc.

Scupper

A. Crosbie Inc.
Montreal Valve Reseating Ltd.

Seawater (Submarine)

A. Crosbie Inc.
Montreal Valve Reseating Ltd.

Sequencing

Hydro-Mac Inc.
Montreal Valve Reseating Ltd.
Prime Mover Controls Inc.

Solenoid

Cla-Val Canada Ltd.
CTH Instruments Ltd.
Hydro-Mac Inc.
Kobelt Manufacturing Company
Limited
Montreal Valve Reseating Ltd.
Prime Mover Controls Inc.

Steam

A. Crosbie Inc.
CTH Instruments Ltd.
Montreal Valve Reseating Ltd.
Peacock Inc.

Thermostatic

CTH Instruments Ltd.
Hydro-Mac Inc.
Montreal Valve Reseating Ltd.

Trolling

Hastings Brass Foundry Ltd.

Kobelt Manufacturing Company
Limited
Montreal Valve Reseating Ltd.

Vent

A. Crosbie Inc.
Cla-Val Ltd.
Kobelt Manufacturing Company
Limited
Montreal Valve Reseating Ltd.

VENTILATION SYSTEMS

See "Heating, Ventilation and
Air Conditioning"

**VESSEL TRAFFIC MANAGEMENT
SYSTEMS (VTMS)**

Allied Signal Aerospace Canada Inc.
Andrew Canada Inc.
International Submarine Engineering
Raytheon Canada Limited
Thomson-CSF Systems Canada Inc.
Sea Link Ltd.

VIBRATION ISOLATORS

Lo-Rez Vibration Control Ltd.

WATER PURIFIERS

Aircraft Appliances & Equipment
Limited
NEI Clarke Chapman Canada

WEAPON SYSTEMS

Paramax Systems Canada

**WELDING EQUIPMENT AND
SUPPLIES**

Chantiers AML Inc. (Les)

WHISTLES

CTH Instruments Ltd.
Jastram Technologies Ltd.
Rotech International Industries Inc.

WINCH GEARING

Olympic Gear & Mfg Inc.

WINCHES

Burrard Iron Works Ltd.
Hawboldt Industries (1989) Ltd.
Hydro-Mac Inc.
Indal Technologies Inc.
Jeamar Winches Ltd.
John T. Hepburn Ltd.
Keypower Equipment Inc.
NEI Clarke Chapman Canada
Stephens-Adamson
Timberland Equipment Limited
Wilson Machine Co. Limited

WINDLASSES

A. Crosbie Inc.
Hawboldt Industries (1989) Ltd.
Hydro-Mac Inc.
John T. Hepburn Ltd.
Keypower Equipment Inc.
NEI Clarke Chapman Canada
Timberland Equipment Limited

WINDOW BOXES

J.S.C. Inc. - Joiner Systems™

WINDOW SHUTTERS

J.S.C. Inc. - Joiner Systems™

WINDOWS, FIRE RATED

Autosystems Manufacturing Inc.

WINDOWS, MARINE

Autosystems Manufacturing Inc.
J.S.C. Inc. - Joiner Systems™

WIRE ROPE AND CABLE

Brooke Ocean Technology Ltd.
(cleaning/lubrication systems)
MILRAIL Inc.

WORK SHOPS

BEDCO Division of Gerodon
Inc./BEDCO Lab Ltd.

D. SUPPORT AND SPECIAL SERVICES

ARCTIC AND MARINE RESEARCH FACILITIES

C-Core
CSE Marine Services Inc.
Kvaerner Masa Marine Inc.
Macdonald Dettwiler
MPB Technologies Inc.

BUSINESS DEVELOPMENT

InterCon Consultants

BUSINESS PROCESS RE-ENGINEERING

InterCon Consultants

CADD

See "Computer-Aided Design and Drafting Systems & Training"

CERTIFICATION AND CLASSIFICATION

Litton Systems Canada Limited
Peter S. Hatfield Ltd.
Poseidon Marine Consultants Ltd.
Steel and Engine Products Limited

CHAIN INSPECTION SERVICE

Thiele Canada Inc.

COMPUTER SIMULATION

CAE Electronics Ltd.
GasTOPS Ltd.
W.R. Davis Engineering Limited
(infrared)

COMPUTER SOFTWARE

A.F. Theriault & Son Limited
Array Systems Computing Inc.
(development)
Autoship Systems Corporation
CAL Corporation

Canadian Shipbuilding & Engineering Ltd.

CSE Marine Services Inc.
Computing Devices Canada
Gallium Software Inc.
GasTOPS Ltd.
German Marine Incorporated
InterCon Consultants
Kvaerner Masa Marine Inc.
Lansdowne Integrated Systems Inc.
Litton Systems Canada Limited
Macdonald Dettwiler
Marystown Shipyard Limited
MIL Systems Engineering Inc.
MPB Technologies Inc.
Paramax Systems Canada
Peter S. Hatfield Ltd.
Poseidon Marine Consultants Ltd.
RSI Research Ltd.
Ultimateast Data Communications Ltd.

Command and Control Display Development Tool Kits

Gallium Software Inc.

Computer Based Training

CAE Electronics Ltd.
CAL Corporation
Instrumar Ltd.
Peter S. Hatfield Ltd.
Software Kinetics Ltd.

Computer Propeller Calculations and Analysis

A.F. Theriault & Son Limited
Autoship Systems Corporation
Canadian Shipbuilding & Engineering Ltd.
Dominis Engineering Ltd.
GasTOPS Ltd.
Kvaerner Masa Marine Inc.

Peter S. Hatfield Ltd.
Stone Marine Canada Ltée

**Computer Numerically Controlled
Milling of Propellers, Propeller Models,
and Ship Models**

Dominis Engineering Ltd.
Steel and Engine Products Limited
Stone Marine Canada Ltée

Engineering Calculations and Analysis

Autoship Systems Corporation
CAE Electronics Ltd.
Canadian Shipbuilding & Engineering
Ltd.
GasTOPS Ltd.
Instrumar Ltd.
Jastram Technologies Ltd.
Kvaerner Masa Marine Inc.
Marystown Shipyard Limited
MIL Systems Engineering Inc. (MSEI)
MPB Technologies Inc.
Peter S. Hatfield Ltd.
Robert Allan Ltd.
RSI Research Ltd.
Saint John Shipbuilding Ltd.
Seimac Ltd.
Stork Canada (HVAC & R)

Illumination Modelling

Jastram Technologies Ltd.

Project Management and Productivity

Canadian Shipbuilding & Engineering
Ltd.
InterCon Consultants
Kvaerner Masa Marine Inc.
Lansdowne Integrated Systems Inc.
Marystown Shipyard Limited
MIL Systems Engineering Inc. (MSEI)
Montreal Tankers Repairs Inc.
MPB Technologies Inc.
Paramax Systems Canada
RSI Research Ltd.

Saint John Shipbuilding Ltd.

**COMPUTER-AIDED DESIGN AND
DRAFTING (CADD) SYSTEMS AND
TRAINING**

CAE Electronics Ltd.
Canadian Shipbuilding & Engineering
Ltd.
Canoe Cove Manufacturing Ltd.
Computing Devices Canada
CSE Marine Services Inc.
German Marine Incorporated
Halifax-Dartmouth Industries Limited
(Systems)
Iotek Inc.
Kvaerner Masa Marine Inc.
Litton Systems Canada Limited
Lunenburg Industrial Foundry and
Engineering (LIFE)
Macdonald Dettwiler
Marystown Shipyard Limited
MDA Marine Design Associates Ltd.
MIL Systems Engineering Inc. (MSEI)
Peter S. Hatfield Ltd.
Poseidon Marine Consultants Ltd.
Robert Allan Ltd.
Saint John Shipbuilding Ltd.
Seimac Ltd.
Stork Canada ((HVAC & R)
Valcom Ltd.
Westinghouse Canada Inc.

**CONTROL AND INSTRUMENTATION
SYSTEMS DESIGN**

Alupower Canada Limited
Applied Microsystems Ltd.
C-Tech Ltd.
Canadian Shipbuilding & Engineering
Ltd.
Crossbow Electronics Inc.
Gallium Software Inc.
GasTOPS Ltd.
German Marine Incorporated
Halifax-Dartmouth Industries Limited

Instrumar Ltd.
ITT Barton Instruments
Litton Systems Canada Limited
MIL Systems Engineering Inc. (MSEI)
MPB Technologies Inc.
Poseidon Marine Consultants Ltd.
Pylon Atlantic Inc.
RSI Research Ltd.
Saint John Shipbuilding Ltd.
Seimac Ltd.
Siemens Electric Limited
Softac Systems Ltd.
Westinghouse Canada Inc.

DATA STORAGE & RETRIEVAL

InterCon Consultants

DIGITAL SIGNAL PROCESSING

Array Systems Computing Inc.
Computing Devices Canada
Iotek Inc.

EDUCATIONAL PROGRAMS

Macdonald Dettwiler
Saint John Shipbuilding Ltd.

EMI AND EMC MEASUREMENT SERVICES

MPB Technologies Inc.

ENGINE TEST FACILITIES

MDS Aero Support Corporation

EXPERT TESTIMONY

MDA Marine Design Associates Ltd.

FINITE ELEMENT ANALYSIS

German Marine Incorporated
Halifax-Dartmouth Industries Limited
Kvaerner Masa Marine Inc.
MIL Systems Engineering Inc. (MSEI)
MPB Technologies Inc.
Peter S. Hatfield Ltd.
Robert Allan Ltd.

Saint John Shipbuilding Ltd.

GOVERNMENT/INDUSTRY RELATIONS

Computing Devices Canada
FMA Consultants
Honeywell Ltd.
InterCon Consultants
Kvaerner Masa Marine Inc.
Lansdowne Integrated Systems Inc.
Saint John Shipbuilding Ltd.
Steel and Engine Products Limited
Valcom Ltd.

HUMAN ENGINEERING AND MMI DESIGN

CAE Electronics Ltd.
Computing Devices Canada
Gallium Software Inc.
German Marine Incorporated
Halifax-Dartmouth Industries Limited
Iotek Inc.
Kvaerner Masa Marine Inc.
Litton Systems Canada Limited
Macdonald Dettwiler
MIL Systems Engineering Inc. (MSEI)
Paramax Systems Canada
Saint John Shipbuilding Ltd.
Software Kinetics Ltd.

INDUSTRIAL BENEFIT MANAGEMENT

FMA Consultants
Honeywell Ltd.
Litton Systems Canada Limited
Lansdowne Integrated Systems Inc.
Paramax Systems Canada
Saint John Shipbuilding Ltd.
Valcom Ltd.

INFORMATION TECHNOLOGY

InterCon Consultants

MARINE LEGAL CONSULTANCY

Clarenville Drydock Limited

Kvaerner Masa Marine Inc.
MDA Marine Design Associates Ltd.
Peter S. Hatfield Ltd.
Poseidon Marine Consultants Ltd.
Robert Allan Ltd.
Saint John Shipbuilding Ltd.

MEASUREMENT

(Strain Gauging, Load Measuring,
Crane Testing, Bollard PII, Torque/H.P.
Measurement)

T.N.T. Total Naval Technological
Associates Inc.

MODEL TESTING

Brooke Ocean Technology Ltd.
Canadian Shipbuilding & Engineering
Ltd.
CSE Marine Services Inc.
Dominis Engineering Ltd.
Kvaerner Masa Marine Inc.
Peter S. Hatfield Ltd.
Poseidon Marine Consultants Ltd.
Robert Allan Ltd.
W.R. Davis Engineering Limited

NON DESTRUCTIVE TESTING

T.N.T. Total Naval Technological
Associates Inc.
Techno Scientific Inc.

OWNER REPRESENTATION

MDA Marine Design Associates Ltd.

PARTS LOCATOR SERVICE

CEL Inc.
Hydro-Mac Inc.
Kvaerner Masa Marine Inc.
Nanaimo Shipyard Ltd.
Poseidon Marine Consultants Ltd.
Saint John Shipbuilding Ltd.

POST ANALYSIS SONAR SYSTEMS (PASS)

Array Systems Computing Inc.

PROPELLER MODELS

Dominis Engineering Ltd.
Hall and Stavert Ltd.

PROPELLER TESTING

Dominis Engineering Ltd.
Kvaerner Masa Marine Inc.

RELIABILITY AND SAFETY ASSURANCE

Computing Devices Canada
German Marine Incorporated
Kvaerner Masa Marine Inc.
MDA Marine Design Associates Ltd.
MIL Systems Engineering Inc. (MSEI)

RELIABILITY, AVAILABILITY AND MAINTAINABILITY (RAM)

CAE Electronics Ltd.
Computing Devices Canada
GasTOPS Ltd.
Kvaerner Masa Marine Inc.
Litton Systems Canada Limited
Macdonald Dettwiler
MIL Systems Engineering Inc. (MSEI)
Saint John Shipbuilding Ltd.
Valcom Ltd.

REMOTE SENSING

C-Core

REPAIR AND REFIT SUPERVISION

MDA Marine Design Associates Ltd.

TEXT RETRIEVAL

InterCon Consultants

TRAINING SYSTEMS/PROGRAMS

CAE Electronics Ltd.
Computing Devices Canada

Eduplus Management Group Inc.
Iotek Inc.
Litton Systems Canada Limited
Macdonald Dettwiler
MIL Systems Engineering Inc. (MSEI)
MPB Technologies Inc.
Paramax Systems Canada
Saint John Shipbuilding Ltd.
Westinghouse Canada Inc.

**UNDERWATER INSPECTION
SYSTEMS**

RSI Research Ltd.

WEAPONS TESTING AND TRAINING

Bristol Aerospace Limited

E. PLANNING, DESIGN, ENGINEERING AND GENERAL CONSULTANTS

CONTACT MOTION ANALYSIS
Seimac Ltd.

CUSTOM ENGINEERING AND R&D PROJECTS
Applied Microsystems Ltd.

DUEL FUEL PROPULSION, NATURAL GAS/DIESEL
MDA Marine Design Associates Ltd.

ELECTRONICS SYSTEMS DESIGN
Focal Technologies Inc.
Internav Limited
Software Kinetics Ltd.

ELECTRONICS AND WEAPON SYSTEMS DESIGN AND INTEGRATION
CAE Electronics Ltd.
Computing Devices Canada
Crossbow Electronics Inc.
GEC Alsthom International Canada Inc.
Honeywell Ltd.
Instrumar Ltd.
Kvaerner Masa Marine Inc.
Litton Systems Canada Limited
Lockheed Canada Inc.
MIL Systems Engineering Inc. (MSEI)
MPB Technologies Inc.
RSI Research Ltd.
Saint John Shipbuilding Ltd.
Seimac Ltd.

ENGINEERING AND GEO-SCIENTIFIC CONSULTANTS
C-Core

ENGINEERING DYNAMICS AND MATHEMATICAL MODELLING
CAE Electronics Ltd.

CSE Marine Services Inc.
East Isle Shipyard Limited
GasTOPS Ltd.
German Marine Incorporated
Halifax-Dartmouth Industries Limited
Instrumar Ltd.
International Submarine Engineering
Kvaerner Masa Marine Inc.
Litton Systems Canada Limited
MIL Systems Engineering Inc. (MSEI)
MPB Technologies Inc.
RSI Research Ltd.
Saint John Shipbuilding Ltd.
Sandwell Inc.

HARDWARE/SOFTWARE DESIGN AND DEVELOPMENT
Promaxis Systems Inc.

HELICOPTER OPERATIONS AT SEA
Honeywell Ltd.
Indal Technologies Inc.

HYDRAULIC SYSTEMS DESIGN
Hydro-Mac Inc.

ICE ENGINEERING
AMARK Inc.
C-Core
Instrumar Ltd.
Kvaerner Masa Marine Inc.
Sandwell Inc.

INTEGRATED MACHINERY CONTROL SYSTEMS
Canadian Shipbuilding & Engineering Ltd.
Crossbow Electronics Inc.
GasTOPS Ltd.
GEC Alsthom International Canada Inc.
Kvaerner Masa Marine Inc.

MIL Systems Engineering Inc. (MSEI)
Paramax Systems Canada
Poseidon Marine Consultants Ltd.
RSI Research Ltd.
Saint John Shipbuilding Ltd.
Securiplex Technologies Inc.
Sandwell Inc.
Siemens Electric Limited
Softac Systems Ltd.

ENGINEERING, ENVIRONMENTAL
Zenon Environmental

**INTEGRATED LOGISTICS SYSTEMS
AND
SUPPORT ANALYSIS (ILS/LSA)**

AMARK Inc.
CAE Electronics Ltd.
Computing Devices Canada
Devtek Aerospace Company
GasTOPS Ltd.
Honeywell Ltd.
Indal Technologies Inc.
InterCon Consultants
Kvaerner Masa Marine Inc.
Lansdowne Integrated Systems Inc.
Litton Systems Canada Limited
Lockheed Canada Inc.
Macdonald Dettwiler
MIL Systems Engineering Inc. (MSEI)
Paramax Systems Canada
Poseidon Marine Consultants Ltd.
Promaxis Systems Inc.
Saint John Shipbuilding Ltd.
Valcom Ltd.

**INTEGRATED PLATFORM
MANAGEMENT SYSTEMS**

CAE Electronics Ltd.
GasTOPS Ltd.
MIL Systems Engineering Inc. (MSEI)
Saint John Shipbuilding Ltd.

INVENTORY CONTROL SYSTEMS

GasTOPS Ltd.
InterCon Consultants
MIL Systems Engineering Inc. (MSEI)
Poseidon Marine Consultants Ltd.
Saint John Shipbuilding Ltd.

**MARINE CONSULTANTS AND
ENGINEERS**

AMARK Inc.
Canadian Shipbuilding & Engineering
Ltd.
CSE Marine Services Inc.
East Isle Shipyard Limited
EYE Marine Consultants
GasTOPS Ltd.
German Marine Incorporated
Halifax-Dartmouth Industries Limited
Kvaerner Masa Marine Inc.
Lunenburg Industrial Foundry and
Engineering (LIFE)
Marystown Shipyard Limited
MDA Marine Design Associates Ltd.
MIL Systems Engineering Inc. (MSEI)
Montreal Tankers Repairs Inc.
Peter S. Hatfield Ltd.
Poseidon Marine Consultants Ltd.
Robert Allan Ltd.
S.H.M. Marine International Inc.
Saint John Shipbuilding Ltd.
Sandwell Inc.
Stork Canada (HVAC & R)
T.N.T. Total Naval Technological
Associates Inc.
Westinghouse Canada Inc.

MARINE MAINTENANCE SYSTEMS

Canadian Shipbuilding & Engineering
Ltd.
East Isle Shipyard Limited
GasTOPS Ltd.
German Marine Incorporated
Halifax-Dartmouth Industries Limited
Honeywell Ltd.

Lansdowne Integrated Systems Inc.
MDA Marine Design Associates Ltd.
MIL Systems Engineering Inc. (MSEI)
Poseidon Marine Consultants Ltd.
Saint John Shipbuilding Ltd.
Westinghouse Canada Inc.

MARINE SURVEYS

AMARK Inc.
Canadian Shipbuilding & Engineering Ltd.
Clarenville Drydock Limited
CSE Marine Services Inc.
EYE Marine Consultants
German Marine Incorporated
Halifax-Dartmouth Industries Limited
Hawboldt Industries (1989) Ltd.
Kvaerner Masa Marine Inc.
Marystown Shipyard Limited
MDA Marine Design Associates Ltd.
Peter S. Hatfield Ltd.
Poseidon Marine Consultants Ltd.
Robert Allan Ltd.
S.H.M. Marine International Inc.
Saint John Shipbuilding Ltd.
Sandwell Inc.
T.N.T. Total Naval Technological Associates Inc.
Westinghouse Canada Inc.

MATERIALS HANDLING SYSTEMS

Canadian Shipbuilding & Engineering Ltd.
Custom Fabricators & Machinists
GEC Alsthom International Canada Inc.
Kvaerner Masa Marine Inc.
Lunenburg Industrial Foundry and Engineering (LIFE)
NEI Clarke Chapman Canada
Peter S. Hatfield Ltd.
RSI Research Ltd.
Saint John Shipbuilding Ltd.

T.N.T. Total Naval Technological Associates Inc.

NAVAL ARCHITECTS

AMARK Inc.
Canadian Shipbuilding & Engineering Ltd.
Canoe Cove Manufacturing Ltd.
CSE Marine Services Inc.
East Isle Shipyard Limited
EYE Marine Consultants
German Marine Incorporated
Halifax-Dartmouth Industries Limited
Kvaerner Masa Marine Inc.
Lunenburg Industrial Foundry and Engineering (LIFE)
Marystown Shipyard Limited
MDA Marine Design Associates Ltd.
MIL Davie Inc.
MIL Systems Engineering Inc. (MSEI)
Peter S. Hatfield Ltd.
Poseidon Marine Consultants Ltd.
Robert Allan Ltd.
S.H.M. Marine International Inc.
Saint John Shipbuilding Ltd.
T.N.T. Total Naval Technological Associates Inc.

NAVAL COMBAT AND ELECTRONIC SYSTEMS MANAGEMENT

Crossbow Electronics Inc.
GEC Alsthom International Canada Inc.
Litton Systems Canada Limited
Macdonald Dettwiler
MIL Systems Engineering Inc. (MSEI)
Paramax Systems Canada
Saint John Shipbuilding Ltd.
Software Kinetics Ltd.

NAVAL DAMAGE CONTROL AND SURVEILLANCE SYSTEMS

Array Systems Computing Inc.
CAE Electronics Ltd.

Crossbow Electronics Inc.
Kvaerner Masa Marine Inc.
MIL Systems Engineering Inc. (MSEI)
Poseidon Marine Consultants Ltd.
Saint John Shipbuilding Ltd.

OCEAN ENGINEERING

AMARK Inc.
Brooke Ocean Technology Ltd.
C-Core
Crystar Research Inc.
German Marine Incorporated
Halifax Dartmouth Industries Limited
International Submarine Engineering
Kvaerner Masa Marine Inc.
Lunenburg Industrial Foundry and
Engineering (LIFE)
Peter S. Hatfield Ltd.
Poseidon Marine Consultants Ltd.
Robert Allan Ltd.
Sandwell Inc.
Seimac Ltd.
T.N.T. Total Naval Technological
Associates Inc.

OIL SPILL TRACKING

METOCEAN Data Systems Limited

PROJECT/PROGRAM MANAGEMENT

AMARK Inc.
CAE Electronics Ltd.
Canadian Shipbuilding & Engineering
Ltd.
CSE Marine Services Inc.
East Isle Shipyard Limited
FMA Consultants
GEC Alstom International Canada
Inc.
German Marine Incorporated
Halifax-Dartmouth Industries Limited
Honeywell Ltd.
Indal Technologies Inc.
InterCon Consultants
Kvaerner Masa Marine Inc.

Lansdowne Integrated Systems Inc.
Litton Systems Canada Limited
Lunenburg Industrial Foundry and
Engineering (LIFE)
Macdonald Dettwiler
Marystown Shipyard Limited
MDA Marine Design Associates Ltd.
MIL Systems Engineering Inc. (MSEI)
MPB Technologies Inc.
Paramax Systems Canada
Peter S. Hatfield Ltd.
Poseidon Marine Consultants Ltd.
Promaxis Systems Inc.
Raytheon Canada Limited
Robert Allan Ltd.
RSI Research Ltd.
S.H.M. Marine International Inc.
Saint John Shipbuilding Ltd.
Sandwell Inc.
Spar Aerospace Limited
T.N.T. Total Naval Technological
Associates Inc.
Valcom Ltd.
Westinghouse Canada Inc.

PROPELLER CALCULATIONS, DRAWINGS AND PERFORMANCE CURVES

CSE Marine Services Inc.
Dominis Engineering Ltd.
East Isle Shipyard Limited
German Marine Incorporated
Halifax-Dartmouth Industries Limited
Hawboldt Industries (1989) Ltd.
Kvaerner Masa Marine Inc.
Lunenburg Industrial Foundry and
Engineering (LIFE)
Peter S. Hatfield Ltd.
Poseidon Marine Consultants Ltd.
Robert Allan Ltd.
Saint John Shipbuilding Ltd.
Stone Marine Canada Ltée

PROPULSION AND POWER SYSTEMS

Alupower Canada Limited
Canadian Shipbuilding & Engineering Ltd.
CSE Marine Services Inc.
East Isle Shipyard Limited
GasTOPS Ltd.
GEC Alsthom International Canada Inc.
German Marine Incorporated
Halifax-Dartmouth Industries Limited
International Energy Systems Corp.
Kvaerner Masa Marine Inc.
Lunenburg Industrial Foundry and Engineering (LIFE)
MIL Systems Engineering Inc. (MSEI)
Peter S. Hatfield Ltd.
Poseidon Marine Consultants Ltd.
Pratt & Whitney Canada Inc.
Robert Allan Ltd.
RSI Research Ltd.
S.H.M. Marine International Inc.
Saint John Shipbuilding Ltd.
Sandwell Inc.
Siemens Electric Limited
T.N.T. Total Naval Technological Associates Inc.
Valcom Ltd.
Westinghouse Canada Inc.

PROPULSION CONTROL ALGORITHMS

GasTOPS Ltd.

REVERSE ENGINEERING

Westinghouse Canada Inc.

ROBOTICS AND REMOTE SYSTEMS

RSI Research Ltd.
Techno Scientific Inc.

SET TO WORK TRIALS TEAMS

East Isle Shipyard Limited
GasTOPS Ltd.

German Marine Incorporated
Halifax-Dartmouth Industries Limited
Kvaerner Masa Marine Inc.
Litton Systems Canada Limited
MIL Systems Engineering Inc. (MSEI)
Paramax Systems Canada
Saint John Shipbuilding Ltd.
Stork Canada (HVAC & R)

SONAR PERFORMANCE MODELLING AND ANALYSIS

Lockheed Canada Inc.

SYSTEMS ENGINEERING

Allied Shipbuilders Ltd.
Brooke Ocean Technology Ltd.
CAE Electronics Inc.
Canadian Shipbuilding & Engineering Ltd.
Computing Devices Canada
CSE Marine Services Inc.
East Isle Shipyard Limited
GasTOPS Ltd.
German Marine Incorporated
Halifax-Dartmouth Industries Limited
Hydro-Mac Inc.
Instrumar Ltd.
Kvaerner Masa Marine Inc.
Litton Systems Canada Limited
Macdonald Dettwiler
MIL Systems Engineering Inc. (MSEI)
MPB Technologies Inc.
Paramax Systems Canada
Peter S. Hatfield Ltd.
Poseidon Marine Consultants Ltd.
Pylon Atlantic Inc.
Robert Allan Ltd.
RSI Research Ltd.
S.H.M. Marine International Inc.
Saint John Shipbuilding Ltd.
Sandwell Inc.
Stork Canada (HVAC & R)
Valcom Ltd.

TRANSPORTATION - ARCTIC AND OTHERWISE

AMARK Inc.
CSE Marine Services Inc.
German Marine Incorporated
Halifax-Dartmouth Industries Limited
InterCon Consultants
Kvaerner Masa Marine Inc.
MIL Systems Engineering Inc. (MSEI)
Marystown Shipyard Limited
Peter S. Hatfield Ltd.
Robert Allan Ltd.
Saint John Shipbuilding Ltd.
Sandwell Inc.
T.N.T. Total Naval Technological Associates Inc.

German Marine Incorporated
Halifax-Dartmouth Industries Limited
Kvaerner Masa Marine Inc.
MIL Systems Engineering Inc. (MSEI)
Peter S. Hatfield Ltd.
Poseidon Marine Consultants Ltd.
Robert Allan Ltd.
S.H.M. Marine International Inc.
Saint John Shipbuilding Ltd.
T.N.T. Total Naval Technological Associates Inc.
Westinghouse Canada Inc.

UNDERWATER TECHNOLOGY

AMARK Inc.
Brooke Ocean Technology Ltd.
C-Core
C-Tech Ltd.
Computing Devices Canada
Focal Technologies Inc.
Fullerton Sherwood Engineering Ltd.
Honeywell Ltd.
InterCon Consultants
International Submarine Engineering
Kvaerner Masa Marine Inc.
Macdonald Dettwiler
MIL Systems Engineering Inc. (MSEI)
MPB Technologies Inc.
Peter S. Hatfield Ltd.
Robert Allan Ltd.
RSI Research Ltd.
Seimac Ltd.

VIBRATION ANALYSIS AND CONTROL

Array Systems Computing Inc.
CAE Electronics Ltd.
CSE Marine Services Inc.
East Isle Shipyard Limited
GasTOPS Ltd.

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COMPANY PROFILES

A. Crosbie Inc.

ADDRESS:

2425 Ford Blvd.
Chateauguay, PQ, J6J 4Z2

CONTACT:

Mr. Scott Jones

Tel: 514-698-1337
Fax: 514-691-8101

KEYWORDS:

Precision Machining; Alloys - Non Ferrous;
Bilge Water Separators; Bronze Fittings;
Bulkheads, Linings; Cabin Fittings;
Capstans; Castings; Davits; Doors, Hangar,
Marine; Doors, Marine; Drains; Fittings,
Hose; Flanges; Gaskets; Glands Stuffing
Box (Bronze); Hatch Covers; Hatches;
Helicopter Re-Fuelling at Sea (H.I.F.R);
Masts; Pipe Fittings; Pumps; Shafts; Steam
Traps; Steering Gear; Strainers; Stuffing
Boxes; Valves and Fittings - Angle,
Backflow Prevention, Ball, Ballasting, Boiler
Blow Off, Bronze, Butterfly, Bypass (Steam
Turbine), Check, Diaphragm Control,
Directional Control, Gate, Globe, Relief,
Safety, Scupper, Seawater (Submarine),
Steam, Vent; Windlasses.

CAPABILITIES:

Cast Fittings; Flanges; Valves; Remote
Control Equipment; Drains; Fabricated
Assemblies etc.; Foundry Non Ferrous
Bronze and Aluminum Welding Fabrication;
CNC Machining Capabilities; Machine Shop;
Welding Shop; Foundry.

A.F. Theriault & Son Limited

ADDRESS:

P.O Box 10
Meteghan River
Digby, NS, BOW 2L0

CONTACT:

Mr. Francis Doucet

Tel: 902-645-2327
Fax: 902-645-2174

YEAR ESTABLISHED: 1938

AVERAGE # OF EMPLOYEES: 90

RATIO COMMERCIAL/DEFENCE: 95/5

KEYWORDS:

Ferries; Fishing Vessels, Steel; Patrol Craft;
Work Boats; Repair Work - Compressed Air,
Acetylene, Oxygen, Conversions,
Lengthening, Overhauls, Grit/Sand Blasting,
In Situ Grinding/Machining, Propeller
Repairs, Hull Repairs, Refurbishing, Welding
Services, Repairs Afloat, High Pressure
Water, Steel Fabrication, Refits; Computer
Software; Computer Propeller Calculations
and Analysis.

CAPABILITIES:

Steel Vessels 30' to 120'; GRP Vessels
32', 35', 45' to 60'; Wood Vessels 30' to
120'.

TARGET MARKET:

Latin America, Mexico, U.S.A, South
America.

AEG Canada Inc.

ADDRESS:

167 Hunt St.
Ajax, ON, L1S 1P6

CONTACT:

Mr. W.D. Breil

Tel: 416-683-8200
Fax: 416-683-0186

YEAR ESTABLISHED: 1946

EXPORT SALES: \$104,000

GROSS SALES: \$34,000,000

AVERAGE # OF EMPLOYEES: 98

RATIO COMMERCIAL/DEFENCE: 95/5

KEYWORDS:

Propulsion Systems; Generators - Electric.

CAPABILITIES:

Electrical Propulsion and drives for various applications; Power Generation and Distribution Systems; Ship Automation Systems for various Control and Monitoring functions, all for both Naval and Merchant Marine Service.

TARGET MARKET:

Domestic and international, with intra-company work.

Aeroquip (Canada) Inc.

ADDRESS:

2035 Cote De Liesse
Suite 203
St-Laurent, PQ, H4N 2M5

CONTACT:

Mr. Raymond Rivet

Tel: 514-956-0734
Fax: 514-956-0738

KEYWORDS:

Bronze Fittings; Fittings, Hose; Flanges; Helicopter Re-Fuelling at Sea (H.I.F.R.); Hydraulic Components/Systems; Pipe Fittings; Valves and Fittings - Bronze, Hydraulic.

CAPABILITIES:

Hoses for marine applications, threaded and flanged fittings made of zinc plated steel, re-fuelling hose to aluminium fittings. Technical and engineering staff, as well as training instruction where required.

Aircraft Appliances & Equipment Limited

ADDRESS:

150 East Drive
Bramalea, ON, L6T 1C1

CONTACT:

Mr. A. Willnecker

Tel: 416-791-1666
Fax: 416-791-7218

YEAR ESTABLISHED: 1949

EXPORT SALES: \$6,000,000

GROSS SALES: \$15,000,000

AVERAGE # OF EMPLOYEES: 100

RATIO COMMERCIAL/DEFENCE: 30/70

KEYWORDS:

Bilge Water Separators; Desalination Equipment; Filters; Filtration Systems; Pressure Vessels; Strainers; Water Purifiers; Separators (Oily Water).

CAPABILITIES:

Aircraft Appliances & Equipment Limited is involved in the design and manufacture of a wide range of filtration equipment. It has now over 35 years of research and development in filtration and coalescing equipment (Water Separators). The major filtration systems are being supplied to all U.S. built frigates, cruisers, and destroyers as well as the Canadian and Australian frigates.

TARGET MARKET:

Worldwide Marine Applications.

**Alberni Engineering (439281
B.C. Ltd.)**

ADDRESS:

3101 Bird St.
Port Alberni, BC, V9Y 4B8

CONTACT:

Mr. Lyle Anaka

Tel: 604-723-0111
Fax: 604-723-0999

YEAR ESTABLISHED: 1993

EXPORT SALES: \$100,000

GROSS SALES: \$4,000,000

AVERAGE # OF EMPLOYEES: 40

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Barges; Crew Boats - Drill Rigs; Ferries; Fishing Vessels - Aluminum, Steel; Naval Vessels; Patrol Craft; Self Loading and/or Unloading; Supply Vessels; Tugs; Work Boats; Repair Work - Steam, Compressed Air, Acetylene, Oxygen, Conversions, Lengthening, Overhauls, Propeller Repairs, Precision Machining, Electrical Repairs, Metal Spraying, Engine Repairs, Hull Repairs, Refurbishing, Anchor and Chain Repairs, Welding Services, Repairs Afloat, High Pressure Water, Re-Engining, Steel Fabrication, Refits; Propeller Nozzles; Loading Ramps; Anchors.

CAPABILITIES:

Shipyard Services; Total Refits; Hauling up to 250 ton in Port Alberni; Shipbuilding up to 100' in length; Custom Machining and Fabricating Work; In House Design Work; Portable Crew for off Premises Work.

TARGET MARKET:

U.S.A., Asia, Africa, South America, Central America.

Alcatel Canada Wire Inc.

ADDRESS:

22 Commercial Rd.
Toronto, ON, M4G 3W1

CONTACT:

Mr. S.K. Aivaliotis

Tel: 416-421-0440
Fax: 416-421-5983

YEAR ESTABLISHED: 1911

EXPORT SALES: \$40,000,000

GROSS SALES: \$400,000,000

AVERAGE # OF EMPLOYEES: 1600

RATIO COMMERCIAL/DEFENCE: 95/5

KEYWORDS:

Electrical/Electronic Components and
Systems; Cable.

CAPABILITIES:

Low Smoke, Low Toxicity, Flame,
Retardant, Halogen Free Shipboard and
Offshore Cable.

TARGET MARKET:

Open.

Allied Shipbuilders Ltd.

ADDRESS:

1870 Harbour Rd.
North Vancouver, BC, V7H 1A1

CONTACT:

Mr. Malcolm McLaren

Tel: 604-929-2365
Fax: 604-929-5329

YEAR ESTABLISHED: 1948

EXPORT SALES: \$200,000

GROSS SALES: \$10,000,000

AVERAGE # OF EMPLOYEES: 120

RATIO COMMERCIAL/DEFENCE: 99/1

KEYWORDS:

Barges; Dry Docks; Ferries; Fishing Vessels
- Aluminum, Steel; Ice Breakers;
Oceanographic Vessels; Supply Vessels;
Tugs; Work Boats; Repair Work -
Compressed Air, Ballast Water, Fresh
Water, Acetylene, Oxygen, Conversions,
Lengthening, Overhauls, Tank Cleaning,
Grit/Sand Blasting, In Situ
Grinding/Machining, Retrofits, Electrical
Repairs, Engine Repairs, Hull Repairs,
Refurbishing, Anchor and Chain Repairs,
Reactivation, Welding Services, Repairs
Afloat, High Pressure Water, Re-engining,
Steel Fabrication, Refits; Davits; Exhaust
Systems; Fabrication, Custom; Glands
Stuffing Box (Bronze); Helicopter Landing
Decks (Heli-Pads); Masts; Rudders; Shafts;
Stern Tubes; Struts; Stuffing Boxes;
Towing Systems - Hydraulic Pins; Systems
Engineering; Towing Pins.

CAPABILITIES:

Shipbuilders and Ship Repairers of
Commercial Vessels from 40 ft. to 300 ft.
in length. Manufacturers of Hydraulic
Towing Pins for Tugs and Propulsion
Shafting, Rudders and Stocks.

TARGET MARKET:

Commercial Vessel - 40 ft.-300 ft. in length.

**Allied Signal Aerospace
Canada Inc. (Aeromarine)**

ADDRESS:

4440 Stark St.
Richmond, BC, V7B 1A1

CONTACT:

Mr. Fred Mueller

Tel: 604-278-2184
Fax: 604-278-8838

YEAR ESTABLISHED: 1954

EXPORT SALES: \$1,000,000

TOTAL SALES: \$14,000,000

AVERAGE # OF EMPLOYEES: 40

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Repair Work - Electrical Repairs, Engine Repairs (turbines); Communications Equipment; Control Systems, Navigation and Steering; Data Acquisition Systems; Marine Training Simulators; Navigation Aids; Radar Antennas; Radar Sets and Equipment; Radar Systems - Navigation/Surveillance; Sonar Domes; Sonobuoys; Vessel Traffic Management Systems (VTMS);

CAPABILITIES:

CDA Distributor for "Furuno" Marine Electronics.

TARGET MARKET:

Commercial Vessels; Pleasure Craft (Yachts); Canadian Coast Guard; Department of Fisheries and Oceans.

Alupower Canada Limited

ADDRESS:

20 Binnington Crt.
P.O. Box 8500
Kingston, ON, K7L 3N7

CONTACT:

Dr. John H. Stannard

Tel: 613-541-2287
Fax: 613-541-2286

YEAR ESTABLISHED: 1981

AVERAGE # OF EMPLOYEES: 14

RATIO COMMERCIAL/DEFENCE: 25/75

KEYWORDS:

Batteries; Control Systems, Propulsion; Propulsion Systems; Control and Instrumentation Systems Design; Propulsion and Power Systems.

CAPABILITIES:

Alupower, a subsidiary of Alcan Aluminum Corporation, is dedicated to the development of products that use aluminum as a safe, dependable, non-polluting source of power for military and commercial applications. Alupower combines the

efficiency and flexibility of a small company with the technical resources of one of Canada's largest aluminum companies. The Company's 8,500 square foot facility in the city of Kingston's Industrial Park, includes office, assembly and laboratory space.

Alupower products include telecommunication reserve batteries; low-cost air cathodes; long-life seawater activated batteries; components for marine propulsion batteries; and, aluminum-oxygen underwater propulsion systems.

TARGET MARKET:

Underwater Power
Sources/Telecommunications Standby
Batteries.

AMARK Inc.

ADDRESS:

100 Sparks St.
Suite 801
Ottawa, ON, K1P 5B7

CONTACT:

Mr. Andrew Kendrick

Tel: 613-236-3943
Fax: 613-236-8109

YEAR ESTABLISHED: 1992

EXPORT SALES: \$5,000

GROSS SALES: \$100,000

AVERAGE # OF EMPLOYEES: 1

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Ice Engineering; Integrated Logistics

Systems and Support Analysis (ILS/LSA); Marine Consultants and Engineers; Marine Surveys; Naval Architects; Ocean Engineering; Project/Program Management; Transportation - Arctic and otherwise; Underwater Technology.

CAPABILITIES:

Naval Architecture and Ocean Engineering Services with particular emphasis on project management systems integration, operations analysis, and through-life support. Expertise in ice capability, advanced structural analysis, and ship dynamics.

TARGET MARKET:

U.S., Middle East.

Andrew Canada Inc.

ADDRESS:

606 Beech St. W
Whitby, ON, L1N 5S2

CONTACT:

Dr. G. Tong

Tel: 416-668-3348
Fax: 416-430-3964

YEAR ESTABLISHED: 1953

EXPORT SALES: \$12,000,000

GROSS SALES: \$41,000,000

AVERAGE # OF EMPLOYEES: 115

RATIO COMMERCIAL/DEFENCE: 68/32

KEYWORDS:

Command and Control Systems;
Communications Equipment;
Communications, Ship; Navigation Aids;
Radar antennas; Surveillance Equipment;
Vessel Traffic Management Systems
(VTMS); Radar; Surveillance.

TARGET MARKET:

Government/Military.

Applied Microsystems Ltd.

ADDRESS:

2035 Mills Rd.
Sidney, BC, V8L 3S1

CONTACT:

Mr. Mike Penny

Tel: 604-656-0771
Fax: 604-655-3655

YEAR ESTABLISHED: 1974

EXPORT SALES: \$560,000

GROSS SALES: \$800,000

AVERAGE # OF EMPLOYEES: 10

KEYWORDS:

Data Acquisition Systems; Instrumentation;
Control and Instrumentation Systems
Design; Ocean Engineering; Underwater
Technology; Oceanographic
Instrumentation; Geophysical
Instrumentation; Environmental
Instrumentation; Custom Engineering and
R&D Projects; Direct Sound Velocity
Measuring Probes.

CAPABILITIES:

Applied Microsystems Ltd. is a Canadian
Manufacturing company serving the
freshwater, oceanographic and geophysical
industries since 1974. The company
specializes in state-of-the-art design and
production of water quality monitoring
instruments with sales and installations
worldwide. AML has considerable
experience in custom electronics design,
and offers an extensive range of high
performance water quality monitoring
instruments on a sale or lease basis.

TARGET MARKET:

Water quality monitoring.

**Array Systems Computing
Inc.**

ADDRESS:

401 Magnetic Dr.
Suite 24
Downsview, ON, M3J 3H9

CONTACT:

Mr. Robert Bruce

Tel: 416-736-0900
Fax: 416-736-4715

YEAR ESTABLISHED: 1981

EXPORT SALES: \$1,000,000

GROSS SALES: \$6,243,211

AVERAGE # OF EMPLOYEES: 50

RATIO COMMERCIAL/DEFENCE: 50/50

KEYWORDS:

Command and Control Systems; Control Systems, Navigation; Sonar Equipment and Systems; Naval Damage Control and Surveillance Systems; Vibration Analysis; Computer Software Development; Digital Signal Processing; Ship Communications; Post Analysis Systems; Radar Systems Surveillance; Synthetic Aperture Radar.

CAPABILITIES:

Array's expert team of engineers and computer scientists work with a variety of technologies and different data types, such as sonar, radar, x-ray, and satellite, to create state-of-the-art systems for Array's customers. With Array's scientific scholarship, flexible development strategies, innovative ideas, and economical solutions, the company has a competitive advantage in the industry. For remote sensing and surveillance applications, Array's Signal Processing Group develops software for airborne and ground station-based Synthetic Aperture Radar (SAR) systems. For security and meteorological applications, Array's Image Processing Group focuses on interpreting the captured data and producing a variety of output products for varied software applications such as damage control systems, communications systems and operating systems. Array's Software Systems Engineers use their expertise to design and implement effective products.

TARGET MARKET:

North America, Western Europe, South America, Middle East and the Asia Pacific region.

Arthur S. Leitch Company Limited (The)**ADDRESS:**

999 William St.
Midland, ON, L4R 4L7

CONTACT:

Mr. John D. Leitch

Tel: 705-526-5496
Fax: 705-526-0020

YEAR ESTABLISHED: 1920

AVERAGE # OF EMPLOYEES: 75

RATIO COMMERCIAL/DEFENCE: 86/14

KEYWORDS:

Compressors; Condensers; Coolers
Fabrication, Custom; Filters; Heat Exchangers; Pressure Vessels; Pumps; Tanks; Vacuum Sewage Systems.

TARGET MARKET:

Canada, U.S.A, Pacific Rim.

Arvin Special Machinery Ltd.**ADDRESS:**

Industrial Park
P.O. Box 1307
Chatham, NB, E1N 3W4

CONTACT:

Mr. Gunther Hoeksma

Tel: 506-773-5887
Fax: 506-773-6048

YEAR ESTABLISHED: 1973

GROSS SALES: \$2,000,000

AVERAGE # OF EMPLOYEES: 24

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Precision Machining; Fabrication, Custom; Flanges; Shafts; Gears - Helical, Spur, Worm; Sprockets - Custom Made; Gear Reducer - Repairs.

CAPABILITIES:

Arvin Special Machinery Ltd. is a precision machine shop specializing in custom made components. Work pieces with a weight up to 20,000 lbs can be handled. Turning up to 2.4 m capacity. Gears up to 1.8 m capacity. Milling work up to the maximum weight capabilities. Most work is done on CNC Machines with quantities ranging from a single piece to production runs of 10,000 pieces.

ATS Aerospace Inc.

ADDRESS:

1250 Marie-Victorin
St. Bruno, PQ, J3V 6B8

CONTACT:

Mr. Louis Roy

Tel: 514-441-9000
Fax: 514-441-6789

YEAR ESTABLISHED: 1979

AVERAGE # OF EMPLOYEES: 110

RATIO COMMERCIAL/DEFENCE: 75/25

KEYWORDS:

TRAPs (Target Radar Augmented Projectiles); Marine Training Simulators.

CAPABILITIES:

The Target Radar Augmented Projectile (TRAP) is a gun launched ballistic high speed radar target. The TRAP configuration incorporates a radar reflecting lens into a projectile carrier having the same mass and aerodynamic characteristics as the standard same calibre projectile. TRAP provides radar cross sections (RCS) equivalent to those of physically much larger aerial threats such as anti-ship missiles and tactical aircraft. TRAP can be fired against any radar based air defence system, for testing, calibration, maintenance, system verification and operator training applications.

TARGET MARKET:

Civil Aviation, Navy.

SPECIAL NOTE:

ATS Aerospace Inc. was one of the recipients of the 1990 Canada Export Award.

Autonav Marine Systems Inc.

ADDRESS:

50 Electronic Ave.
Port Moody, BC, V3H 2R8

CONTACT:

Mr. Paul Wagner

Tel: 604-461-4061
Fax: 604-461-4062

YEAR ESTABLISHED: 1992

EXPORT SALES: \$2,500,000

GROSS SALES: \$3,000,000

AVERAGE # OF EMPLOYEES: 10

RATIO COMMERCIAL/DEFENCE: 75/25

KEYWORDS:

Control Systems, Navigation and Steering;
Hydraulic Components/Systems; Steering
Gear; Indicators, Rudder Angle.

CAPABILITIES:

Design and Manufacture of Manual and
Electrohydraulic Steering Systems and
Associated Electronic and Hydraulic
Controls. Specialized in High Shock, Low
Noise Level Pump Sets.

TARGET MARKET:

Commercial and Naval Vessels.

**Autoship Ship Systems
Corporation**

ADDRESS:

611 Alexander St.
Suite 403
Vancouver, BC, V6A 1E1

CONTACT:

Mr. Daniel Taylor

Tel: 604-254-4171
Fax: 604-254-5171

YEAR ESTABLISHED: 1987

EXPORT SALES: \$1,800,000

GROSS SALES: \$2,000,000

AVERAGE # OF EMPLOYEES: 12

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Computer Software; Calculations and
Analysis.

CAPABILITIES:

Auto Ship; Auto Hydro; Auto Plate; Auto
Build; Auto load.

TARGET MARKET:

Naval Architects, Ship Operators.

**Autosystems Manufacturing
Inc. (Beclawat Products
Division)**

ADDRESS:

P.O Box 1027
345 University Ave.
Belleville, ON, K8N 5B6

CONTACT:

Mr. John McKenna

Tel: 613-969-1122
Fax: 613-969-0102

KEYWORDS:

Doors, Marine; Windows, Marine; Fire Rated Windows and Doors.

CAPABILITIES:

Manufacture windows and doors for marine applications. Heavy duty frames, steel, aluminium and brass. Fire rated windows and doors up to H-120 classification.

**AWSM Division of Avcorp
Ind.**

ADDRESS:

1001 Hwy. 440 West
Chomedey, Laval, PQ, H7L 3W3

CONTACT:

Mr. Stephen Kearns

Tel: 514-327-4885
Fax: 514-324-6241

YEAR ESTABLISHED: 1986

EXPORT SALES: \$5,000,000

GROSS SALES: \$25,000,000

AVERAGE # OF EMPLOYEES: 100

RATIO COMMERCIAL/DEFENCE: 30/70

KEYWORDS:

Enclosures, Engine - Acoustical; Furnishings and Furniture; Castings; Bollards; Containers, Environmental Equipment.

CAPABILITIES:

Machining, Sheet Metal, Details & Assemblies, Ground Support Equipment, Metal Bonding, Composite Structures, Transparencies.

TARGET MARKET:

Aerospace, Marine & Commercial Industries.

**BEDCO Division of Gerodon
Inc./BEDCO Lab Ltd.**

ADDRESS:

2305 Francis Hughes Ave.
Laval, PQ, H7S 1N5

CONTACT:

Mr. Gerald Bedard

Tel: 514-384-2820
Fax: 514-384-4270

YEAR ESTABLISHED: 1967

EXPORT SALES: \$1,500,000

GROSS SALES: \$10,000,000

AVERAGE # OF EMPLOYEES: 90

RATIO COMMERCIAL/DEFENCE: 75/25

KEYWORDS:

Consoles; Fabrication, Custom; Fire Fighting Cabinets, Furnishings and Furniture; Signalling Equipment; Work Shops (Furniture and Storage Systems).

CAPABILITIES:

Facilities include complete manufacturing equipment and sheet metal products of steel, stainless and aluminum along with in-house painting with 85,000 square feet of plant. State of the art NC and CNC machinery capable of fabrication to the highest quality standard of MIL and Department of National Defence specifications as well as commercial products. CADD Design and Engineering allows production of the finest in sheet metal products. Products include: Crew's Berth's; Crew's Lockers; Navigation Consoles; Chart Tables; Work Benches; Ocean Research Laboratory Furniture; Custom Built Furniture; Offshore Rig Furniture and Crew Accomodation Designers; Desk Cabinets and Enclosures.

TARGET MARKET:

Institutional, Commercial, Defence.

Berg Chilling Systems Inc.
ADDRESS:

51 Nantucket Blvd.
Scarborough, ON, M1P 2N5

CONTACT:

Mr. Donald J. Berggren

Tel: 416-755-2221
Fax: 416-755-3874

YEAR ESTABLISHED: 1970

AVERAGE # OF EMPLOYEES: 55

RATIO COMMERCIAL/DEFENCE: 91/9

KEYWORDS:

Heating, Ventilation Systems and Air Conditioning; Ice Making Equipment; Refrigeration Equipment Cargo.

CAPABILITIES:

Berg Design, Manufactures, and Services Refrigeration Equipment in a wide range of capacities and applications: Ice Makers; Chillers; Hold Coolers; Hold Freezers; Process Refrigeration Equipment.

Bristol Aerospace Limited
ADDRESS:

660 Berry St.
P.O. Box 874
Winnipeg, MN, R3C 2S4

CONTACT:

Mr. Bob Palmer

Tel: 204-775-8331
Fax: 204-885-3195

YEAR ESTABLISHED: 1930

EXPORT SALES: \$90,000,000

GROSS SALES: \$185,000,000

AVERAGE # OF EMPLOYEES: 1500

RATIO COMMERCIAL/DEFENCE: 20/80

KEYWORDS:

Target Systems (Air and Surface); Weapons Testing and Training.

CAPABILITIES:

Supply of various Target Systems for use in Naval Weapons Test and Evaluation and Training. We provide a complete turnkey operation including trials planning, targets operations, range services, instrumentation and trial analysis in Canada or in the host country.

TARGET MARKET:

Global.

SPECIAL NOTE:

Bristol Aerospace Ltd. was one of the recipients of the 1990 Canada Export Award.

Brooke Ocean Technology Limited**ADDRESS:**

Bedford Institute of Oceanography
P.O. Box 2220 East
Dartmouth, NS, B2W 3Y2

CONTACT:

Mr. Geoff Lebans

Tel: 902-466-4075
Fax: 902-466-4068

YEAR ESTABLISHED: 1983

EXPORT SALES: \$45,000

GROSS SALES: \$450,000

AVERAGE # OF EMPLOYEES: 6

RATIO COMMERCIAL/DEFENCE: 91/9

KEYWORDS:

Buoys; Deck Machinery; Model Testing; Ocean Engineering; Systems Engineering; Underwater Technology; Launch and Recovery Systems; Oceanographic Equipment; Profiling Buoys; Water Sampling Bottles; High Speed Underway Profiling Systems; Wire, Rope and Cable Cleaning/Lubrication Systems.

CAPABILITIES:

Brooke Ocean Technology Limited (BOT) provides systems engineering, R & D and consulting services to the marine, oceanographic and naval sectors. BOT specializes in the development of launch and recovery systems and oceanographic instrumentation. Services and products offered include the following: a launch and recovery system for the DOLPHIN AUV which permits lifting cables to be remotely attached without the requirement to have a diver in the water. This technology can be applied to the launch and recovery of other bodies; an automated, high speed line pay out and recovery system which permits an instrument to free fall to depths of 500 meters from a vessel underway at 20 knots; water sampling bottles; Moored Ocean Profiler: a CTD equipped profiler which can travel up and down a taut mooring cable; sea bed sampling equipment such as corers and grabs; BROWSER: a tethered ROV capable of producing photomosaics and high resolution bathymetric maps of the sea floor.

TARGET MARKET:

Oceanographic, marine, naval.

Burrard Iron Works Ltd.

ADDRESS:

220 Alexander St.
Vancouver, BC, V6A 1C1

CONTACT:

Mr. R.M. Brown

Tel: 604-684-2491
Fax: 604-684-0458

YEAR ESTABLISHED: 1912

AVERAGE # OF EMPLOYEES: 10

KEYWORDS:

Bollards; Capstans; Deck Machinery;
Towing Machines; Winches; Windlasses;
Towing Hooks.

CAPABILITIES:

Manufacturers of Heavy Duty Deck Machinery; Towing Winches; Anchor Windlasses; Anchor Heaving Winches; Mooring Winches; Capstans; Towing Hooks. Also manufacture Heavy Duty Towline Wire Rope Thimbles and Links. Repair Deck Machinery; Main and Auxiliary Engines; Compressors; and Pumps.

C-Core (Centre for Cold Ocean Resources Engineering)

ADDRESS:

Memorial University of Newfoundland
St. John's, NF, A1B 3X5

CONTACT:

Dr. J.I Clark

Tel: 709-737-8354
Fax: 709-737-4706

YEAR ESTABLISHED: 1975

GROSS SALES: \$2,500,000

KEYWORDS:

Arctic and marine research facilities;
Engineering and Geo-scientific Consultants;
Ice and Ocean Engineering; Underwater
Technology; Remote Sensing.

CAPABILITIES:

C-Core programs are designed to assist in the safe, orderly, and economic development and utilization of Canada's resources in cold and ice-frequented oceans. Major areas of interest (as defined by a five-year plan) include: Ice engineering; emphasizing ice mechanics, dynamics ice/structure interaction and ice management; remote sensing, developing radar techniques for coastal surveillance e.g. ice hazard detection and ocean environmental measurements; seabed geophysics, integrating geophysics, geotechnical engineering, and geology for the solution of seabed problems; and geotechnical engineering, including marine geotechnics, numerical modelling and centrifuge modelling to investigate gravity dependant phenomena.

TARGET MARKET:

Industry and Government, both national and international.

C-Tech Ltd.

ADDRESS:

P.O. Box 1960
525 Boundary Rd.
Cornwall, ON, K6H 6N7

CONTACT:

Mr. R.T. Fraser

Tel: 613-933-7970
Fax: 613-933-7977

YEAR ESTABLISHED: 1969

AVERAGE # OF EMPLOYEES: 120

RATIO COMMERCIAL/DEFENCE: 20/80

KEYWORDS:

Instrumentation; Navigation Aids; Sensors;
Sonar Domes; Sonar Equipment and
Systems; Control and Instrumentation
Systems Design; Underwater Technology;
Hydrophones; Electronic
Assemblies/Subassemblies, Custom;
Electronic Modules, Standard (SEM);
Transducers.

CAPABILITIES:

Sonar and Echosounders-military and
commercial grades; Populated Circuit
Boards; Electronic Sub Assemblies;
Cylindrical array systems, both towed and
hull-mounted, military and commercial ASW
applications; Manufacturers cylindrical
transducers, made up of 432 elements, for
its own commercial sonar systems, which
feature a 360-degree simultaneous field of
vision. Custom Electronic Engineering and
Assembly. Underwater test facilities
located in Summerstown, Ontario.

TARGET MARKET:

Global.

CAE Electronics Ltd.

ADDRESS:

P.O. Box 1800
8585 Cote De Liesse
St-Laurent, PQ, H4L 4X4

CONTACT:

Ms. Wendy Allerton

Tel: 514-341-6780
Fax: 514-341-7699

YEAR ESTABLISHED: 1947

EXPORT SALES: \$935,000,000

GROSS SALES: \$1,100,000,000

AVERAGE # OF EMPLOYEES: 3,400

RATIO COMMERCIAL/DEFENCE: 70/30

KEYWORDS:

Consoles; Control Systems, Navigation &
Steering; Control Systems, Propulsion; Data
Acquisition Systems; Electrical/Electronic
Components and Systems - Consoles:
Bridge and Engine Room; Engine Control
Modules; Fire Protection Systems; Fuel
Monitoring and Optimizing Systems; Marine
Training Simulators; Sensors; Computer
Software - Computer Based Training,
Engineering Calculations and Analysis;
Computer Aided Design and Drafting
(CADD) Systems and Training; Human
Engineering and MMI Design; Reliability,
Availability, and Maintainability (RAM);
Training Systems/Programs; Electronics and
Weapon Systems Design and Integration;

Engineering Dynamics and Mathematical Modelling; Integrated Logistics Systems and Support Analysis (ILS/LSA); Integrated Platform Management Systems; Naval Damage Control and Surveillance Systems; Project/Program Management; Systems Engineering; Vibration Analysis and Control.

CAPABILITIES:

CAE Electronics Ltd. design and manufacture Integrated Platform Management Systems (IPMS) for all classes of ships and submarines for both new and retrofit requirements. The CAE IPMS is a military qualified, microprocessor based system that communicates with the propulsion, electrical, ancillary and auxiliary machinery, steering machinery, damage control sub-systems, and equipment health monitoring systems over a triple redundant or Fibre Optic databus. Operator control and monitoring is performed through consoles containing colour CRTs. The system software is extremely user-friendly, resulting in significant reductions to training times. Integrated Platform Management Systems are the way of the future, a future that has arrived today at CAE Electronics Ltd.

TARGET MARKET:

World Navies & Coast Guards. Worldwide Shipyards and Systems Integrators.

SPECIAL NOTE:

CAE Electronics Ltd. was one of the recipients of the 1990 Canada Export Award.

CAL Corporation

ADDRESS:

1050 Morrison Dr.
Ottawa, ON, K2H 8K7

CONTACT:

Ms. Katherine Wong

Tel: 613-820-8280
Fax: 613-820-8796

YEAR ESTABLISHED: 1974

EXPORT SALES: \$18,360,000

GROSS SALES: \$30,600,000

AVERAGE # OF EMPLOYEES: 230

RATIO COMMERCIAL/DEFENCE: 60/40

KEYWORDS:

Communications Equipment; Computer Software - Computer Based Training; Emergency Position Indicator Radio Beacon; Search and Rescue Satellite-Aided Tracking System.

CAPABILITIES:

CAL Corporation is an international communications, space and defence company with subsidiaries in Europe and Australasia, and a worldwide network of agents and distributors. Products and services include: mobile satellite communications equipment for aeronautical and terrestrial applications, search and rescue systems, cellular base station antennas, computer-based training, systems engineering and integration, electronic warfare simulators, ELINT/SIGINT, scientific instruments for space, spacecraft power subsystems, spacecraft antennas, and data management

systems for space applications.

TARGET MARKET:

International Communications, Defence,
and Space.

Canadian Marconi Company

ADDRESS:

P.O. Box 13330
415 Legget Dr.
Kanata, ON, K2K 2B2

CONTACT:

Mr. D. Cragg

Tel: 613-592-6500
Fax: 613-592-7427

YEAR ESTABLISHED: 1903

EXPORT SALES: \$240,000,000

GROSS SALES: \$300,000,000

AVERAGE # OF EMPLOYEES: 2000

RATIO COMMERCIAL/DEFENCE: 20/80

KEYWORDS:

Navigation Aids; Radar Antennas; Radar
Sets and Equipment; Radar Systems -
Navigation/Surveillance.

CAPABILITIES:

Canadian Marconi possesses an indigenous
capability for the design, development and
manufacture of naval radar systems. Its
surface search and surveillance radar
systems are on board Canadian destroyers
and many U.S. military craft. More than
2,000 of the Company's LN66 surface

search radar, for target location and
navigation, are in service aboard several
classes of U.S. armed force's ships, LAMPS
helicopters, and Air-Cushioned Landing
Craft (LCAC). The CMR-91 Radar
Transceiver is the latest product in the
family of the surface search radars and is
available in X or S band configuration.
The solid state transceiver offers a wide
range of pulse widths, 25 KW o/p, low
noise log amp receiver and high MTBF.

TARGET MARKET:

Naval and Coast Guard Vessels, Vessel
Traffic System.

**Canadian Shipbuilding &
Engineering Ltd. (CSE)**

ADDRESS:

340 Lakeshore Rd. East
P.O Box 3011
St. Catherines, ON, L2R 7C1

CONTACT:

Mr. Stewart M. Thoms

Tel: 416-646-2261
Fax: 415-646-2838

GROSS SALES: \$100,000,000

AVERAGE # OF EMPLOYEES: 750

RATIO COMMERCIAL/DEFENCE: 66/34

KEYWORDS:

Barges; Bulk Carriers; Crew Boats; Dry
Cargo; Dry Docks; Ferries; Fishing Vessels;
Ice Breakers; Oceanographic Vessels; Patrol
Craft; Product Carriers; Self Loading and/or
Unloading; Supply Vessels; Tankers; Tugs;
Work Boats; Repair Work - Steam,

Compressed Air, Ballast Water, Fresh Water, Acetylene, Oxygen, Conversions, Lengthening, Overhauls, Flying Squads, Underwater Cleaning, Voyage Repairs, Slop Disposal/Reception, Tank Cleaning, Oil Cleaning, Grit/Sand Blasting, In Situ Grinding/Machining, Underwater Surveys, Propeller Repairs, Tank Coating, Precision Machining, Retrofits, Gas Freeing Station, Electrical Repairs, Metal Spraying, Engine Repairs, Hull Repairs, Refurbishing, Anchor and Chain Repairs, Refrigeration, Reactivation, Underwater Repairs, Welding Services, Repairs Afloat, High Pressure Water, Re-Engining, Steel Fabrication, Refits; Consoles; Electrical/Electronic Components and Systems; Hatch Cover Cranes; Hatch Covers; Instrumentation; Rudders; Structures and Underwater; Substructures; Tanks; Computer Software; Propeller; Calculations and Analysis; Engineering Calculations and Analysis; Project Management and Productivity; Computer-Aided Design and Drafting (CADD) Systems and Training; Control and Instrumentation Systems Design; Model Testing; Integrated Logistics Systems and Support Analysis (ILS/LSA); Marine Consultants and Engineers; Marine Maintenance Systems; Marine Surveys; Materials Handling Systems; Naval Architects; Project/Program Management; Propulsion and Power Systems; Systems Engineering.

CAPABILITIES:

Canadian Shipbuilding and Engineering Ltd. is a full service shipbuilding and ship repair company with shipyards in St. Catharines, Ontario and Pictou, Nova Scotia. The company also offers complete design and engineering capability for a full range of commercial vessels in addition to marine electrical contracting services and project management assistance. Port Weller Dry Docks in St. Catharines is ideally suited for the construction of bulk carriers, tankers and barges up to St. Lawrence Seaway

Maximum dimensions. Pictou Industries Limited is suitable for the construction of fishing vessels, tugs, ferries and other small vessels.

TARGET MARKET:

Commercial New Construction and Commercial/Military Refits, Conversions, and Repairs.

Canoe Cove Manufacturing Ltd.

ADDRESS:

2300 Canoe Cove Rd.
P.O. Box 2218
Sidney, BC, V8L 3S8

CONTACT:

Mr. D.T. Matheson

Tel: 604-656-3915
Fax: 604-656-3105

YEAR ESTABLISHED: 1958

EXPORT SALES: \$1,375,000

GROSS SALES: \$5,500,000

AVERAGE # OF EMPLOYEES: 45

RATIO COMMERCIAL/DEFENCE: 75/25

KEYWORDS:

Crew Boats; Ferries; Oceanographic Vessels; Patrol Craft; Work Boats; Computer-Aided Design and Drafting (CADD) Systems and Training; Naval Architects.

CAPABILITIES:

Manufacturer of fibreglass vessels (displacement and high speed) for various commercial applications. Size range 42ft (13m) to 72ft (22M). Patrol, Work and Crew Vessels.

TARGET MARKET:

Canadian and Offshore markets.

CEGELEC/ BG Automatec

ADDRESS:

5845 Couture Blvd.
St. Leonard, PQ, H1P 1A8

CONTACT:

Mr. Bernard Potin

Tel: 514-329-3912
Fax: 514-329-3911

YEAR ESTABLISHED:

EXPORT SALES: \$1,000,000

GROSS SALES: \$15,000,000

AVERAGE # OF EMPLOYEES: 120

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Electrical/Electronic Components and Systems-Switchboards.

CAPABILITIES:

Metal-Clad Switchgear Medium and Low Voltage 36 KW to 600 volts.

TARGET MARKET:

Public Services and Industrial.

CEL Inc.

ADDRESS:

34 Allangrove Cres.
Scarborough, ON, M1S 1S5

CONTACT:

Dr. Bruce Cossar

Tel: 416-490-0753
Fax: 416-494-1606

KEYWORDS:

Parts Locator Service.

CAPABILITIES:

Inventory Locator Service (ILS). A database service listing marine spares and components world-wide. Maintains a comprehensive database of marine parts and equipment. Suppliers world-wide list their inventories on the ILS database. Buyers in need of parts and equipment can access that information using a personal computer with a modem. Buyers can tell instantly who has the equipment they need, the quantity, the condition and information to contact the seller directly. As an independent provider of information, CEL does not take part in any sales transaction. A monthly fee provides access to the database. Has provided similar service to airline/aviation industry for 13 years.

Chantiers AML Inc. (Les)

ADDRESS:

1 Port St.
St. Bernard-sur-Mer, PQ, GOA 3J0

CONTACT:

Mr. Edouard Hamel

Tel: 418-438-2745
Fax: 418-438-2943

YEAR ESTABLISHED: 1984

GROSS SALES: \$2,500,000

AVERAGE # OF EMPLOYEES: 35

KEYWORDS:

Barges; Crew Boats; Fishing Vessels - Aluminum, Steel; Ice Breakers; Naval Vessels; Tugs; Ferries; Repair Work - Steam, Compressed Air, Ballast Water, Fresh Water, Acetylene, Oxygen, Conversions, Lengthening, Overhauls, Flying Squads, Voyage Repairs, Slop Disposal/Reception, Tank Cleaning, Oil Cleaning, Grit/Sand Blasting, In situ Grinding/Machining, Propeller Repairs, Tank Coating, Precision Machining, Gas Freeing Station, Electrical Repairs, Engine Repairs, Hull Repairs, Refurbishing, Steel Fabrication, Refits; Bollards; Bulkheads, Linings; Ladders/Stairways; Welding Equipment and Supplies; Rudders.

CAPABILITIES:

Ship Manufacturing - Repairs up to 75 m, Steel, Aluminum and Wood; Military Steel HY80-HY100; Homologations CWB 47.1 - 47.2; Quality control ACNOR 2 299.3.85.

TARGET MARKET:

Manufacturing and repairing of small

vessels.

Cla-Val Canada Ltd.

ADDRESS:

4687 Christie Dr.
Beamsville, ON, LOR 1B4

CONTACT:

Mr. Fred Horton

Tel: 416-563-4963
Fax: 416-563-4040

YEAR ESTABLISHED: 1963

EXPORT SALES: \$3,398,000

GROSS SALES: \$4,750,000

AVERAGE # OF EMPLOYEES: 31

KEYWORDS:

Air Ports; Filtration Systems; Fire Protection Systems; Helicopter Re-Fuelling at Sea (HIFR); Sewage Treatment Systems; Valves and Fittings - Backflow Prevention, Bronze, Diaphragm Control, Directional Control, Globe, Hydraulic, Metric, Pressure, Pressure Reducing, Relief, Solenoid, Vent.

CAPABILITIES:

Manufacturer of automatic control valves for water, fuel, marine. Supplied in Ductile Iron, Cast Steel, regular bronze and military spec bronze. Military spec valves are supplied for sprinkler systems, ballast systems and helicopter refuelling.

Clarenville Drydock Ltd.

ADDRESS:

P.O. Box 147
19 Marine Rd.
Clarenville, NF, A0E 1J0

CONTACT:

Mr. Glenn Way

Tel: 709-466-7725
Fax: 709-466-7454

YEAR ESTABLISHED: 1984

GROSS SALES: \$3,000,000

AVERAGE # OF EMPLOYEES: 35

KEYWORDS:

Repair Works - Overhauls, Underwater Cleaning, Tank Cleaning, Oil Cleaning, Grit/Sand Blasting, Electrical Repairs, Metal Spraying, Engine Repairs, Hull Repairs, Refurbishing, Anchor and Chain Repairs, Underwater Repairs, Welding Services, Repairs Afloat, High Pressure Water, Steel Fabrication, Refits, Bronze Fittings, Bulkheads, Linings, Cabin Fittings, Marine Doors, Custom Fabrication, Fittings - (Pipe, Flanged, Screw & Welded), Hose Fittings, Gangways, Glands Stuffing Box (Bronze), Hydraulic Components/Systems; Insulating Materials, Lifeboats; Lights; Liner Coatings; Packings; Pipe; Pipe Fittings; Deck Plates; Shafts; Stern Tubes; Stuffing Boxes; Tanks; Marine Legal Consultancy; Marine Surveys.

CAPABILITIES:

General construction, Wharf construction, Marine related work, Machine shop fabricating, Haul-up, Drydock, Repair and Maintenance, Vessels, Manufacturer of Zinc/Aluminium Anodes, Drill Bits, etc.

TARGET MARKET:

Canada, East Coast, USA, Mexico, Europe.

Columbus McKinnon Limited

ADDRESS:

Brook Rd. N.
P.O. Box 1106
Cobourg, ON, K9A 4W5

CONTACT:

Mr. Robert Line

Tel: 416-372-0153
Fax: 416-372-3078

YEAR ESTABLISHED: 1876

EXPORT SALES: \$3,000,000

GROSS SALES: \$20,000,000

AVERAGE # OF EMPLOYEES: 150

RATIO COMMERCIAL/DEFENCE: 98/2

KEYWORDS:

Hoists; Chain; Chains and Accessories.

CAPABILITIES:

Manufacturer of overhead hoisting equipment both hand operated and electric. Also manufacture full range of electric welded steel chain (all grades) and associated fittings - hooks, shackles.

TARGET MARKET:

All markets.

Comnav Marine Autopilots

ADDRESS:

1420 Frances St.
Vancouver, BC, V5L 1Y9

CONTACT:

Mr. Peter Svensson

Tel: 604-254-0212
Fax: 604-255-3523

YEAR ESTABLISHED: 1982

EXPORT SALES: \$1,000,000

GROSS SALES: \$2,000,000

AVERAGE # OF EMPLOYEES: 25

RATIO COMMERCIAL/DEFENCE: 100/0

KEYWORDS:

Autopilot Systems and Accessories.

CAPABILITIES:

Manufacturer/Distributor of Marine
Autopilot Systems for all types and all sizes
of marine vessel.

TARGET MARKET:

Any marine vessel over 18 ft.

Compair Canada Inc.

ADDRESS:

871 Cranberry Crt.
Oakville, ON, L6L 6J7

CONTACT:

Mr. Louie Mammoliti

Tel: 416-847-0688
Fax: 416-847-8124

YEAR ESTABLISHED: 1968

EXPORT SALES: \$500,000

GROSS SALES: \$10,000,000

AVERAGE # OF EMPLOYEES: 50

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Compressors, Compressed Air Dryers and
Filters.

CAPABILITIES:

Supplier of air compressors packages with
pressures to 5,000 psi. Repair and
overhaul to AQAP4 of all air products.

TARGET MARKET:

Industry, Defence, Utility.

Computing Devices Canada

ADDRESS:

P.O. Box 8508
Ottawa, ON, K1G 3M9

CONTACT:

Mr. E.D. Francis

Tel: 613-596-7054
Fax: 613-596-7125

YEAR ESTABLISHED: 1948

EXPORT SALES: \$58,000,000

GROSS SALES: \$220,000,000

AVERAGE # OF EMPLOYEES: 1000

KEYWORDS:

Command and Control Systems,
Communications Equipment;
Communications; Ship; Consoles; Data
Acquisition Systems; Displays;
Sonar Equipment and Systems; Surveillance
Equipment; Computer
Software; Computer-Aided Design and
Drafting (CADD) Systems and
Training; Government/Industry Relations;
Human Engineering and MMI Design;
Reliability and Safety Assurance; Reliability;
Availability and Maintainability (RAM);
Training Systems/Programs; Electronics and
Weapon Systems Design and Integration;
Integrated Logistics Systems and Support
Analysis (ILS/LSA); Systems Engineering;
Underwater Technology.

CAPABILITIES:

Computing Devices Canada (CDC) is a proven performer in acoustic processing and mission systems for ship, air, and shore-based applications. CDC has provided the Canadian Navy with the AN/SQS-510 digital sonar and the AN/SQR-501 towed array sonar. Both of these systems have successfully completed operational evaluation and are now in full production status. In the case of the AN/SQS-510, offshore sales to Portugal for eight systems have been achieved. By the mid 1980's, CDC had perfected and patented new sonobuoy demultiplexing technology in the form of the world's first programmable digital sonobuoy demultiplexer. Subsequently, CDC funded the development of the unique open architecture AN/US-503 sonobuoy processor now in service with the U.S., Canada, Australia, Sweden and Japan. In

addition to the sonar related expertise, CDC is a world-class supplier of secure, tactical and strategic communications systems, and specialists in advanced digital display systems incorporating sensor scan conversion, high speed graphics and full mil-spec flat panels.

TARGET MARKET:

World-wide.

Crossbow Electronics Inc.

ADDRESS:

40 Vogell Rd.
Unit 1
Richmond Hill, ON, L4B 3N6

CONTACT:

Mr. John Eriksen

Tel: 416-508-1860

Fax: 416-508-1863

YEAR ESTABLISHED: 1984

EXPORT SALES: \$500,000

GROSS SALES: \$1,300,000

AVERAGE # OF EMPLOYEES: 14

RATIO COMMERCIAL/DEFENCE: 60/40

KEYWORDS:

Command and Control Systems; Radar
Systems; Sonar Equipment and Systems;
Control and Instrumentation Systems
Design; Electronics and Weapon Systems
Design and Integration; Integrated
Machinery Control Systems; Naval Combat
and Electronic Systems Management; Naval
Damage Control and Surveillance Systems;

Ice Detection and Classification Radar Systems; Electronic Navigation/Charting Systems.

CAPABILITIES:

Crossbow Electronics has established its credentials to compete in the defence market through its qualification as a Design Engineering Subcontractor. In addition, Crossbow has received security clearance status through the Department of Supply and Services Canada. Several Crossbow personnel are cleared for security sensitive projects. CEI is certified to MIL Standard "AQAP 4." Products include: Radar Scan Converters; VME based systems and ATR chassis; Image Processing Graphics/Display Systems; Industrial Automation Systems; AES/EBU Digital Audio Systems; All custom products designed/prototyped can be implemented in commercial or MIL grades. Services: Engineering Consulting.

TARGET MARKET:

Military and Commercial specializing in Radar/Custom Designs/Signal Processing.

Crystar Research Inc.

ADDRESS:

#102-721 Vanalman Ave.
Victoria, BC, V8Z 3B6

CONTACT:

Mr. J.D. Edel

Tel: 604-479-9922
Fax: 604-479-2734

YEAR ESTABLISHED: 1986

EXPORT SALES: \$1,100,000

GROSS SALES: \$1,100,000

AVERAGE # OF EMPLOYEES: 13

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Communications; Electronic Components - Custom Manufactured; Ocean Engineering.

CAPABILITIES:

Sapphire; Substrates; Photonics; Compound Semi Conductors; Czochralski Crystal Growth; Custom Fabrication; High Pressure Windows; High Temperature Windows; Advanced Materials; Ceramics. Crystar specializes in the development, preparation, and fabrication of advanced optical and semiconductor single crystal materials. Crystar was formed in 1987 to develop sapphire infrared dome lenses for NATO'S ASRAAM (Advanced Short Range Air to Air Missile) program, and has since proven its skill as Canada's only commercial producer of bulk single crystals for optical and semiconductor application. Sapphire crystals in excess of 125 mm diameter and 20 kg mass are Crystar's key commercial product. Sales of bulk and fabricated sapphire components are currently in excess of \$ 1M annually. Virtually all of Crystar sales are to the export market, evenly distributed between the U.S.A. and Europe. Crystar's current product line includes: White Sapphire in bulk and fabricated form; Gallium Arsenide in bulk and fabricated form Sapphire may be fabricated into diverse shapes for a multitude of applications utilizing the optical, mechanical, and insulating properties of a single crystal aluminum oxide. Crystar specializes in custom fabrication of precision components: Shock resistant optical lenses and windows for high temperature and pressure applications; Scratch resistant high pressure reactor tubes; precision electrical insulators.

TARGET MARKET:

Diversified.

CSE Marine Services Inc.

ADDRESS:

340 Lakeshore Rd. E.
St. Catharines, ON, L2R 7C1

CONTACT:

Mr. Frank L. Taylor

Tel: 416-646-8033
Fax: 416-646-8043

YEAR ESTABLISHED: 1981

GROSS SALES: \$2,500,000

AVERAGE # OF EMPLOYEES: 15

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Arctic and Marine Research Facilities;
Computer Software;
Computer-Aided-Design and Drafting
(CADD) Systems and Training;
Model Testing; Engineering Dynamics and
Mathematical Modelling;
Marine Consultants and Engineers; Marine
Surveys; Naval Architects;
Project/Program Management; Propeller
Calculations, Drawings and
Performance Curves; Propulsion and Power
Systems; Systems
Engineering; Transportation - Arctic and
Otherwise; Vibration
Analysis and Control.

TARGET MARKET:

Commercial and Government Ship Design
and Transportation.

CTH Instruments

ADDRESS:

10 Akerley Blvd.
Suite 36
Dartmouth, NS, B3B 1V4

CONTACT:

Mr. Arnold Horne

Tel: 902-468-6832
Fax: 902-468-6833

YEAR ESTABLISHED: 1972

GROSS SALES: \$2,000,000

AVERAGE # OF EMPLOYEES: 7

RATIO COMMERCIAL/DEFENCE: 70/30

KEYWORDS:

Alarm Systems; Boiler Mountings and
Controls; Desalination Equipment;
Electrical/Electronic Components and
Systems - Annunciator Systems,
Automation Systems; Instrumentation;
Lights; Navigation Aids; Port Lights;
Sewage Treatment Systems; Signalling
Equipment; Steam Traps; Strainers; Valves
and Fittings - Ball, Bronze, Butterfly, Check,
Diaphragm Control, Directional Control,
Heat Actuated, Pneumatic, Pressure,
Pressure Reducing, Relief, Safety,
Sequencing, Solenoid, Steam,
Thermostatic, Whistles.

TARGET MARKET:

Atlantic Canada, Marine/Navy.

CTS of Canada, Limited

ADDRESS:

80 Thomas St.
Streetsville, ON, L5M 1Y9

CONTACT:

Mr. Wade Higley

Tel: 416-826-1141
Fax: 416-858-9058

YEAR ESTABLISHED: 1953

EXPORT SALES: \$80,000

GROSS SALES: \$3,500,000

AVERAGE # OF EMPLOYEES: 26

RATIO COMMERCIAL/DEFENCE: 60/40

KEYWORDS:

Electrical/Electronic Components and
Systems; Power Conversion
Equipment; Rectifiers.

CAPABILITIES:

The Industrial Electronics Division is dedicated to the manufacture of custom designed power conversion equipment. The products are Silicon Controlled Rectifiers, Sine Wave Inverters, DC - DC Converters, AC Static Transfer Switches, Single and Three Phase UPS's (Uninterruptable Power Supplies) and Degaussing Rectifiers. CTS designs are backed by over 300 years of field experience and thousands of power

solutions. Having successfully participated in contracts, small and large, has allowed companies such as Atomic Energy of Canada, Ontario Hydro and Saint John Shipbuilding to place multi-million dollar contracts for the development and production of equipment for nuclear power stations and the Canadian Frigate Program.

**Custom Fabricators &
Machinists (CFM)**

ADDRESS:

P.O. Box 3038
Stn. B
Saint John, NB, E2M 4X7

CONTACT:

Mr. C.F.W. Bainbridge

Tel: 506-635-5656
Fax: 506-635-8625

YEAR ESTABLISHED: 1962

GROSS SALES: \$12,500,000

AVERAGE # OF EMPLOYEES: 150

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Barges; Ferries; Work Boats; Repair Work - Steam, Compressed Air, Ballast Water, Fresh Water, Conversions, Overhauls, Slop Disposal/Reception, Grit/Sand Blasting, Propeller Repairs, Precision Machining, Retrofits, Electrical Repairs, Engine Repairs, Hull Repairs, Anchor & Chain Repairs, Welding Services, Repairs Afloat, Steel Fabrication, Refits; Buoys; Conveyors, Belts, Screw; Exhaust Systems; Custom Fabrication; Fittings - (Pipe, Flanged, Screw

& Welded); Gangways (Custom); Hydraulic Components/Systems; Masts; Pipe Systems; Plates, Deck; Pontoons; Rudders; Shafts; Material Handling Systems.

TARGET MARKET:

General.

Devoe Coatings

ADDRESS:

55A MacDonald Ave.
Dartmouth, NS, B3B 1T9

CONTACT:

Mr. R. Keen

Tel: 902-468-9888
Fax: 902-468-9889

YEAR ESTABLISHED: 1754

AVERAGE # OF EMPLOYEES: 12

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Paints; Coatings.

CAPABILITIES:

Specializing in Corrosion Prevention and Cold Weather Applications.

Devtek Aerospace Company

ADDRESS:

100 Allstate Parkway
Suite 500
Markham, ON, L3R 6H3

CONTACT:

Mr. R.C. Bergey

Tel: 416-477-6861
Fax: 416-477-0481

YEAR ESTABLISHED: 1981

EXPORT SALES: \$70,000,000

GROSS SALES: \$120,000,000

AVERAGE # OF EMPLOYEES: 1000

RATIO COMMERCIAL/DEFENCE: 40/60

KEYWORDS:

Batteries; Buoys, Sono; Communications Equipment; Communications, Ship; Electrical/Electronic Components and Systems; Radar Antennas; Sonobuoys; Integrated Logistics Systems and Support Analysis (ILS/LSA); Towed Acoustic Arrays; Cabinets; Acoustic Consoles.

CAPABILITIES:

Devtek Aerospace Company develops and precision-manufactures complex mechanical, hydraulic and electronic products for the aerospace and defence market. Products include: Aircraft products - Hydraulic actuating systems; Flight controls; Landing gear components and assemblies; Rotor hubs; Engine components and assemblies; Engine control chassis; Structural components; Repair and overhaul; Defence and Space Products - Military small arms; Stabilization systems;

Space payload manoeuvring and retrieval systems; Guidance components; Electronic enclosures and heat exchangers; Ruggedized cabinetry/consoles; Repair and overhaul; Anti-Submarine Warfare - Sonobuoys; Towed Arrays; Active acoustic sound sources; Communications - Broadband antenna arrays; Ionospheric oblique sounding transmitters and receivers; Argos transmitters.

TARGET MARKET:

Diversified.

Dominis Engineering Ltd.

ADDRESS:

5515 Canotek Rd.
Unit 15
Gloucester, ON, K1J 9L1

CONTACT:

Mr. Slobodan Gospodnetic

Tel: 613-747-0193
Fax: 613-746-3321

YEAR ESTABLISHED: 1985

EXPORT SALES: \$200,000

AVERAGE # OF EMPLOYEES: 9

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Propellers; Propeller Nozzles; Propulsion Systems; Propeller Repairs; Propeller Design; Propeller Testing; Propeller Models; Shafts; Computer Propeller Calculations and Analysis; Propeller Calculations, Drawings and Performance Curves; Computer Numerically Controlled Milling of Propellers,

Propeller Models and Ship Models; Model Testing; Fabrication, Custom; Precision Machining; Data Acquisition Systems; Instrumentation for Ship Research.

CAPABILITIES:

Dominis Engineering has developed state-of-the-art CAD/CAM system for Computer Numerically Controlled (CNC) milling of propellers and sculptured surfaces. Dominis specializes in design, machining and measurement of propellers and turbine blades. The company has extensive experience in full 5-axis machining of propeller blades and monoblock propellers in hardened stainless steels and titanium. Dominis Engineering manufactures selected products with applications in ship research and marine hydrodynamic research. Dominis products include: Inertial Motion System (IMS), Ship Model Balance (SMB) and GEDAP™ Wave Generation Workstations.

TARGET MARKET:

U.S. Navy, European Navies.

Dramex Corporation Metal Deploye

ADDRESS:

62 Kelly Rd.
P.O. Box 26
Iberville, PQ, J2X 4J5

CONTACT:

Mr. Gaetan Levesque

Tel: 514-658-4161
Fax: 514-347-0541

KEYWORDS:

Gratings; Filtration Systems; Strainers; Insulating Materials.

CAPABILITIES:

Dramex manufactures standard and flattened expanded metals, structural grating, micro mesh, and decorative patterns. Your orders can be produced in carbon, galvanized, stainless or high strength alloy steels. Light-weight aluminum is also available. Certain alloys of copper, brass and bronze, also plastics, can be expanded on special orders. Cut-to-size and stock size sheets are regular stock items. Random or bond shearing can be done to your specifications.

Dunlop Beaufort Canada Ltd.

ADDRESS:

12351 Bridgeport Rd.
Richmond, BC, V6V 1J4

CONTACT:

Mr. Mark Hansen

Tel: 604-278-3221
Fax: 604-278-7812

YEAR ESTABLISHED: 1977

AVERAGE # OF EMPLOYEES: 35

KEYWORDS:

Fire Protection Systems; Lifeboats; Boats - Inflatable, Liferrafts, Rescue.

CAPABILITIES:

Dunlop Beaufort Ltd. manufactures a complete range of marine liferafts,

platforms, and evacuation systems to Canadian Coast Guard SOLAS and USCG standards. In addition, Dunlop Beaufort manufactures and distributes marine safety equipment.

East Isle Shipyard Ltd.

ADDRESS:

115 Water St.
Georgetown, PE, COA 1L0

CONTACT:

Mr. Jim Theriault

Tel: 902-652-2275
Fax: 902-652-2764

YEAR ESTABLISHED: 1991

AVERAGE # OF EMPLOYEES: 150

RATIO COMMERCIAL/DEFENCE: 10/90

KEYWORDS:

Barges; Crew Boats; Fishing Vessels - Aluminum, Steel; Patrol Craft; Tugs; Work Boats; Repair Work - Steam, Compressed Air, Ballast Water, Fresh Water, Acetylene, Oxygen, Conversions, Lengthening, Overhauls, Flying Squads, Voyage Repairs, Slop Disposal/Reception; Tank Cleaning; Oil Cleaning; Grit/Sand Blasting; In Situ Grinding/Machining; Propeller Repairs; Tank Coating; Electrical Repairs; Engine Repairs; Hull Repairs; Refurbishing; Anchor and Chain Repairs; Refrigeration; Welding Services; Repairs Afloat; High Pressure Water; Re-Engining; Steel Fabrication; Refits; Hatch Covers; Hatches; Ladders/Stairways; Masts; Engineering Dynamics and Mathematical Modelling; Marine Consultants and Engineers; Marine Maintenance Systems; Naval Architects;

Project/Program Management; Propeller Calculations, Drawings and Performance Curves; Propulsion and Power Systems; Set to Work Trials Teams; Systems Engineering; Vibration Analysis and Control.

CAPABILITIES:

QA System to AQAP-1; Special Qualifications in Aluminum; Pipe Fabrication to ASME 1X, Steel, Stainless, Non Ferrous; Accuracy Control Services; Non Destructive Testing on Pipe, Steel, Aluminum Copper Nickel; Advanced Pre-Outfitting; Models up to 450 Tonnes.

TARGET MARKET:

Coast Guard, Offshore, Defence.

Ebco Industries Ltd.

ADDRESS:

7851 Alderbridge Way
Richmond, BC, V6X 2A4

CONTACT:

Mr. Richard Roberts

Tel: 604-278-5578
Fax: 604-276-1494

YEAR ESTABLISHED: 1956

EXPORT SALES: \$60,000,000

GROSS SALES: \$120,000,000

AVERAGE # OF EMPLOYEES: 400

RATIO COMMERCIAL/DEFENCE: 50/50

KEYWORDS:

Buoys; Cargo Handling Equipment; Cranes; Davits; Deck Machinery; Custom Fabrication; Furnishings and Furniture; Galley Equipment; Gangways; Hatch Cover Cranes; Hatch Covers; Hatches; Helicopter Landing Decks (Heli-Pads); Hoists; Incinerators; Metallization; Pressure Vessels; Shafts; Ship Loaders/Unloaders; Tanks.

CAPABILITIES:

Large to Light Fabrication and Machinery, Mechanical Assembly. Tooling, Assembly Jigs and Fixtures. Aircraft components (machined).

TARGET MARKET:

Defence and Aerospace markets (LMF Division).

Eduplus Management Group Inc.

ADDRESS:

6080 Young St.
Suite 800
Halifax, NS, B3K 5L2

CONTACT:

Mr. Charles Westropp

Tel: 902-453-6111
Fax: 902-453-6184

YEAR ESTABLISHED: 1992

EXPORT SALES: \$1,000,000

GROSS SALES: \$15,000,000

AVERAGE # OF EMPLOYEES: 35

RATIO COMMERCIAL/DEFENCE: 25/75

KEYWORDS:

Training Systems/Programs.

CAPABILITIES:

Eduplus Management Group Inc. of Halifax is responsible for the design analysis and delivery of the training program for the Canadian Maritime Coastal Defence Vessels. The training program includes the delivery of high-tech multi-media computer based training for the 24 Naval Reserve Divisions across the country. The use of computers in training analysis and design, and the ability to deliver advanced computer based training has application in both military vessels and in the commercial marine industry, as well as in other industrial applications around the world.

EJE Trans-Lite Inc.

ADDRESS:

10 Battery Rd.
Suite 202
St. John's, NF, A1A 1A4

CONTACT:

Mr. Paul Edison

Tel: 709-722-3772

Fax: 709-722-3442

YEAR ESTABLISHED: 1990

EXPORT SALES: \$2,200,000

GROSS SALES: \$2,400,000

AVERAGE # OF EMPLOYEES: 3

KEYWORDS:

Lights.

CAPABILITIES:

TRANS-LITE produces marine safety lights varying from a reliable and economical 12 hour personal vest light (Digi-Lite A12M) developed for commercial aviation and marine safety vests applications to a military raft light. The company produces a light (Digi-Lite A12M) for Personal Floatation Devices to aid in Search and Rescue operations at night and poor weather visibility conditions. The Digi-Lite A12M is amongst the world's smallest personal rescue lights for marine use. It activates upon contact in water and will last in excess of 12 hours. It is attached to a personal floatation device by means of a plastic tie wrap. Its bright light is powered by a lithium cell. It is approved by governing authorities around the world. The majority of sales are exported to distributors worldwide.

Entreprises Julien Inc. (Les)

ADDRESS:

935 rue Lachance
Quebec, PQ, G1P 2H3

CONTACT:

Mr. Donald Dubois

Tel: 418-687-3630

Fax: 418-687-3993

YEAR ESTABLISHED: 1946

EXPORT SALES: \$200,000

GROSS SALES: \$30,000,000

AVERAGE # OF EMPLOYEES: 165

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Conveyors, Belts, Screw; Galley Equipment.

CAPABILITIES:

Manufacturer and distributor of food preparation equipment. Manufacturers of stainless steel equipment of all kinds (counter tops, tables, carriages)

EYE Marine Consultants

ADDRESS:

327 Prince Albert Rd.
Suite 7
Dartmouth, NS, B2Y 1N7

CONTACT:

Mr. Ian Tulloch

Tel: 902-463-8940
Fax: 902-463-6319

YEAR ESTABLISHED: 1967

GROSS SALES: \$500,000

AVERAGE # OF EMPLOYEES: 5

RATIO COMMERCIAL/DEFENCE: 99/1

KEYWORDS:

Naval Architects; Marine Consultants and Engineers; Marine Surveys.

CAPABILITIES:

Naval Architects, Marine Engineers and Surveyors. Design of workboats and ferries

a specialty. Stability, refit and flag transfer.

TARGET MARKET:

Workboat Operators; Transportation Departments; Shipbuilders and Owners.

Fematics Canada Inc.

ADDRESS:

285 Labrosse
Point Claire, PQ, H9R 1A3

CONTACT:

Mr. Bill Wilkat

Tel: 514-695-8910
Fax: 514-695-4487

YEAR ESTABLISHED: 1961

GROSS SALES: \$5,000,000

AVERAGE # OF EMPLOYEES: 32

RATIO COMMERCIAL/DEFENCE: 70/30

KEYWORDS:

Seals.

CAPABILITIES:

Design and manufacture of Ship Shaft Seals, (Stern-Tube, Bulkhead and Rudderstock), Pump Shaft Seals and Hydro-Electric Turbine Shaft Seals. Suppliers for Naval, Coast Guard, and commercial vessels. Custom design as well as standard.

TARGET MARKET:

Marine and Hydro-Electric Turbine Shaft
Seals.

FMA Consultants

ADDRESS:

180 Metcalfe St.
Suite 500
Ottawa, ON, K2P 1P5

CONTACT:

Mr. A.W. Armstrong

Tel: 613-563-0236
Fax: 613-563-0253

YEAR ESTABLISHED: 1976

AVERAGE # OF EMPLOYEES: 5

RATIO COMMERCIAL/DEFENCE: 50/50

KEYWORDS:

Government/Industry Relations; Industrial
Benefit Management; Project/Program
Management.

CAPABILITIES:

Consulting services relating to Canadian
and U.S. Government procurements and
regulatory matters. Specializing in
industrial and regional benefits, business
development, government-industry
relations, government assistance programs,
technology transfer, international trade
issues, strategic alliances, export
marketing, collaborative programs.

Focal Technologies Inc.

ADDRESS:

40 Thornhill Dr.
Unit 7
Dartmouth, NS, B3B 1S1

CONTACT:

Mr. Geoff Channer

Tel: 902-468-2263
Fax: 902-468-2249

YEAR ESTABLISHED: 1983

EXPORT SALES: \$2,600,000

GROSS SALES: \$3,000,000

AVERAGE # OF EMPLOYEES: 30

RATIO COMMERCIAL/DEFENCE: 60/40

KEYWORDS:

Slip Rings; Electronic Systems Design;
Underwater Technology; Fibre; Data
Acquisition Systems; Electrical/Electronic
Components and Systems; Fibre Optics for
Undersea Telemetry.

CAPABILITIES:

Products: Slip Rings; Fibre Optic Rotary
Joints; Fluid Rotary Unions; Combination
Units. Services: Telemetry Systems for
underwater using Fibre Optics, Shipboard
Data Buses.

TARGET MARKET:

Naval Towed Systems; ROV's; Telemetry.

Fullerton, Sherwood Engineering Ltd.

ADDRESS:

6450 Van Deemter Crt.
Mississauga, ON, L5T 1S1

CONTACT:

Mr. David J. Fullerton

Tel: 416-670-0656
Fax: 416-670-8318

YEAR ESTABLISHED: 1980

EXPORT SALES: \$1,250,000

GROSS SALES: \$2,500,000

AVERAGE # OF EMPLOYEES: 20

RATIO COMMERCIAL/DEFENCE: 50/50

KEYWORDS:

Underwater Technology; Diving Equipment.

CAPABILITIES:

Designers and Manufacturers of SIVA
Closed and Semi-Closed Underwater
Rebreathing Apparatus for Mine Counter
Measures (MCM) and Clearance Diving.

TARGET MARKET:

Military Diving.

Gallium Software Inc.

ADDRESS:

240 Michael Cowpland Dr.
Kanata, ON, K2M 1P6

CONTACT:

Mr. Frank Jones

Tel: 613-591-0968
Fax: 613-592-1278

YEAR ESTABLISHED: 1977

EXPORT SALES: \$4,000,000

GROSS SALES: \$5,500,000

AVERAGE # OF EMPLOYEES: 45

RATIO COMMERCIAL/DEFENCE: 50/50

KEYWORDS:

Command and Control Systems; Computer
Software - Command and Control Display
Development Tool Kits; Control and
Instrumentation Systems Design; Human
Engineering and MMI Design.

CAPABILITIES:

Software products in three areas:
Intermapics - a user interface management
system for building complex command and
control display systems; GKS - a 2D
graphics programming standard; UNIX
desktop applications and development
tools.

TARGET MARKET:

Defence, Air Traffic Control,
Transportation.

GasTOPS Ltd.

ADDRESS:

1011 Polytek St.
Gloucester, ON, K1J 9J3

CONTACT:

Mr. Richard J. Dupuis

Tel: 613-744-3530
Fax: 613-744-8846

YEAR ESTABLISHED: 1979

EXPORT SALES: \$500,000

GROSS SALES: \$4,000,000

AVERAGE # OF EMPLOYEES: 65

RATIO COMMERCIAL/DEFENCE: 35/65

KEYWORDS:

Data Acquisition Systems; Computer Software: Computer Propeller Calculations and Analysis; Engineering Calculations and Analysis; Control and Instrumentation Systems Design; Reliability, Availability, and Maintainability (RAM); Engineering Dynamics and Mathematical Modelling; Integrated Machinery Control Systems; Integrated Logistics Systems and Support Analysis (ILS/LSA); Integrated Platform Management Systems; Inventory Control Systems; Marine Consultants and Engineers; Marine Maintenance Systems; Propulsion and Power Systems; Set to Work Trials Teams; Systems Engineering; Vibration Analysis and Control; Computer Simulation; Propulsion Control Algorithms; Condition Monitoring Systems; Diagnostic Systems; Predictive Maintenance Systems; Oil Debris Monitoring Systems.

CAPABILITIES:

Computer Modelling and Simulation of Ship Propulsion Systems; Evaluation of Marine Propulsion System Design Configurations to Predict Performance, Benefits, and Costs; Development of Propulsion Machinery Control System Algorithms; Failure Mode and Effects Analysis of Marine Machinery Systems; Integrated Machinery Control and Trials Planning; Maintenance Management Systems Planning; Products include: Automatic Data Acquisition Systems; Mainstay - A software based system for the collection, management and use of equipment condition data; Ferrosan - An in-line sensor for monitoring average concentration of ferromagnetic particles in fluid lines; Modem - An in-line sensor to count and size metallic particles in fluid lines.

TARGET MARKET:

Propulsion System Integrators; Ship Builders; Navies; Control System Suppliers; Marine Engineers; Naval Architects; Shipowners.

GEC Alsthom International Canada Inc.

ADDRESS:

2 Paxman Rd.
Etobicoke, ON, M9C 1B6

CONTACT:

Mr. Roy Hughes

Tel: 416-622-3060
Fax: 416-622-1291

KEYWORDS:

Alarm Systems; Alternators; Batteries;

Command and Control Systems; Consoles; Control Systems, Propulsion; Data Acquisition Systems; Drives; Electrical/Electronic Components and Systems - Annunciator Systems, Consoles (Bridge and Engine Room), Circuit Breakers, Switchboards; Engines - Diesel, Diesel Electric, Gas Turbine, Gas Turbine Electric; Gas Turbines; Gears, Propulsion; Generators - Diesel Electric, Electric, Gas Turbine Electric; Instrumentation; Motors - Electrical AC & DC; Power Conversion Equipment; Power Supplies; Replenishment-At-Sea Systems; Electronics and Weapon Systems Design and Integration; Integrated Machinery Control Systems; Materials Handling; Naval Combat and Electronic Systems Management; Project/Program Management; Propulsion and Power Systems.

CAPABILITIES:

Ships service and Emergency Diesel Generator Sets from 50 KW to 4,500 KW. Complete Marine Diesel and Diesel Electric Propulsion Systems from 100 to 100,000 HP Engines 35 to 7,200 HP. Control and Monitoring, Supervisory Systems and Equipment. Mechanical Handling Systems, Hydraulic Equipment, Defence Equipment, System Design, all to Lloyd's or other classifications as required. Engineering, Installation and complete after sales service available coast to coast from branch offices and parts depots.

General Electric Canada Inc.

ADDRESS:

155 Queen St.
Suite 900
Ottawa, ON, K1P 6L1

CONTACT:

Mr. Alan Reece

Tel: 613-235-3421

Fax: 613-235-2481

YEAR ESTABLISHED: 1862

GROSS SALES: \$2,000,000,000

AVERAGE # OF EMPLOYEES: 7800

KEYWORDS:

Engine Repairs; Control Systems, Propulsion; Enclosures, Engine - Acoustical; Engines - Gas Turbine, Gas Turbine Electric; Filters; Gas Turbines; Gas Turbine Electric; Propulsion Systems; Valves and Fittings - Air Starting, Engine Overspeed.

CAPABILITIES:

Manufacturers of DC Motors and Generators; Variable Speed DC Drives; Variable Speed AC Drives; Propulsion Systems; AC Motors; Marine Service; GE Service Shops; Gas Generators; Gas Turbines; Power Turbines; Marine Gas Turbine; Propulsion Modules. Suppliers of Field and Shop Overhaul Service and Technical Support; Parts, Tooling; Engineering Support; Integrated Logistic Support ILS.

German Marine Incorporated

ADDRESS:

71 Ilsley Ave.
Unit 6
Dartmouth, NS, B3B 1L5

CONTACT:

Mr. J.G. Milne

Tel: 902-468-1261
Fax: 902-468-3855

GROSS SALES: \$2,000,000

AVERAGE # OF EMPLOYEES: 95

RATIO COMMERCIAL/DEFENCE: 50/50

KEYWORDS:

Computer Software; Computer-Aided Design and Drafting (CADD) Systems and Training; Control and Instrumentation Systems Design; Finite Element Analysis; Human Engineering and MMI Design; Reliability and Safety Assurance; Engineering Dynamics and Mathematical Modelling; Marine Consultants and Engineers; Marine Maintenance Systems; Marine Surveys; Naval Architects; Ocean Engineering; Project/Program Management; Propeller Calculations, Drawings, and Performance Curves; Propulsion and Power Systems; Set to Work Trial Teams; Systems Engineering; Transportation-Arctic and Otherwise; Vibration Analysis and Control.

CAPABILITIES:

GMI's services to Government, Shipbuilders/Owners and the Offshore Gas and Oil Industries include: Naval Architecture; Marine Mechanical and Electrical Engineering; Design and Drafting; and Project Management. A Division, RMS Management Systems, located in Dartmouth, NS provide: Software Systems Research and Development; Project Management and Productivity Control System Software; Project Management Training; Integrated Logistics Support Systems.

TARGET MARKET:

Marine and Offshore Industry.

Godfrey Aerospace Inc.

ADDRESS:

480 Montreal-Toronto Blvd.
Lachine, PQ, H8S 1B8

CONTACT:

Mr. A. Dale Hunt

Tel: 514-637-1122
Fax: 514-636-0273

YEAR ESTABLISHED: 1947

EXPORT SALES: \$1,500,000

GROSS SALES: \$10,000,000

AVERAGE # OF EMPLOYEES: 120

RATIO COMMERCIAL/DEFENCE: 40/60

KEYWORDS:

Breathing Air Systems; Compressors; Fans; Galley Equipment; Heat Exchangers; Lights; Oil Spill Recovery.

CAPABILITIES:

GA's repair and overhaul capability covers a diversified range of both military and civil, land sea, and airborne equipment, while design, manufacturing, and publications experience encompasses a variety of specialized ground support and galley insert equipment. Airborne accessory capabilities include ACMs/ATMs, CSDs/IDGs, oil coolers, fuel heaters, pneumatic valves, hydraulic pumps, and cooling fans. Proprietary GSE and GIE products include gasoline and diesel engine drive electrical generator sets, ground power units, high pressure breathing and service air compressors, hydraulic test stand, cabin pressure testers, munitions handling equipment, in flight trash compactors,

waste management systems, coffee makers and water boilers, and potable water systems.

TARGET MARKET:

North America, Europe, Pacific Rim.

Gorman-Rupp of Canada Limited

ADDRESS:

70 Burwell Rd.
St. Thomas, ON, N5P 3R7

CONTACT:

Mr. William B. Horn

Tel: 519-631-2870
Fax: 519-631-4624

YEAR ESTABLISHED: 1960

EXPORT SALES: \$1,200,000

GROSS SALES: \$6,400,000

AVERAGE # OF EMPLOYEES: 36

RATIO COMMERCIAL/DEFENCE: 99/1

KEYWORDS:

Pumps.

CAPABILITIES:

Machine, Assemble, Test, Repair, and Fabricate Bases and Guards etc. for Centrifugal (Self Priming and Submersible) Pumps. Powered by Electric Motor, Gas or Diesel Engines.

TARGET MARKET:

Canada.

Halifax-Dartmouth Industries Limited

ADDRESS:

P.O. Box 9110
Halifax, NS, B3K 5M7

CONTACT:

Mr. Andrew McArthur

Tel: 902-423-9271
Fax: 902-422-5253

YEAR ESTABLISHED: 1889

AVERAGE # OF EMPLOYEES: 700

KEYWORDS:

Shipbuilding: Barges; Bulk Carriers; Container Vessels; Crew Boats; Dry Cargo; Dry Docks; Ferries; Fishing Vessels - Steel; Ice Breakers; Naval Vessels; Oceanographic Vessels; Offshore Drill Rigs; Oil/Gas Production Platforms; Patrol Craft; Product Carriers; Self Loading and/or Unloading; Semi-Submersibles; Submarines/Submersibles; Supply Vessels; Tankers; Tugs; Work Boats; Repair Work - Steam, Compressed Air, Ballast Water, Fresh Water, Acetylene, Oxygen, Conversions, Lengthening, Overhauls, Flying Squads, Underwater Cleaning, Voyage Repairs, Slop Disposal/Reception, Tank Cleaning, Oil Cleaning, Grit/Sand Blasting, In Situ Grinding/Machining, Underwater Surveys, Offshore and Semi-Submersible, Propeller Repairs, Tank Coating, Precision Machining, LPG/LNG and Chemical Services, Retrofits, Gas Freeing Station, Electrical Repairs, Metal Spraying,

Engine Repairs, Hull Repairs, Refurbishing, Anchor and Chain Repairs, Refrigeration, Reactivation, Underwater Repairs, Welding Services, Repairs Afloat, High Pressure Water, Re-Engining, Steel Fabrication, Refits; Computer-Aided Design and Drafting (CADD) Systems; Control and Instrumentation Systems Design; Finite Element Analysis; Human Engineering and MMI Design; Engineering Dynamics and Mathematical Modelling; Marine Consultants and Engineers; Marine Maintenance Systems; Marine Surveys; Naval Architects; Ocean Engineering; Project/Program Management; Propeller Calculations, Drawings and Performance Curves; Propulsion and Power Systems; Set to Work Trials Teams Systems Engineering; Transportation - Arctic and otherwise; Vibration Analysis and Control.

CAPABILITIES:

Halifax Shipyard is a comprehensive ship repair, shipbuilding and industrial fabrication facility serving the national and international market for over 100 years. Located in the ice-free, deep-water port of Halifax, Nova Scotia, Halifax Shipyard is the closest major North American repair centre to the North Atlantic Great Circle Route. Builders of Naval Vessels, Icebreakers, Oil Rigs, Drill Ships, Ferries, Trawlers, Major Conversions, Industrial Projects, Cranes, Offshore Oil and Gas Projects. Halifax Shipyard is capable of carrying out every type of repair required by national and international ship owners and all Federal Government agencies as well as services for the Offshore Oil and Gas marine activities. Maximum size - 470 x 70 ft. Building berths; Repair docks - Maximum size - 842 x 124 ft.

Hall and Stavert Ltd.

ADDRESS:

West Royalty Industrial Park
Charlottetown, PEI, C1E 1B0

CONTACT:

Mr. Bill Stavert

Tel: 902-566-3335

Fax: 902-566-9258

YEAR ESTABLISHED: 1934

EXPORT SALES: \$1,000,000

GROSS SALES: \$5,000,000

AVERAGE # OF EMPLOYEES: 45

RATIO COMMERCIAL/DEFENCE: 100/0

KEYWORDS:

Bearings; Bronze Fittings; Capstans; Castings; Glands Stuffing Box (Bronze); Packings; Propellers; Propeller Nozzles; Shafts; Stern Tubes; Stuffing Boxes; Propellers, Models.

CAPABILITIES:

Fully Equipped Foundry/Machine Shop.
Specializing in Propeller Manufacture.

TARGET MARKET:

Domestic and United States.

Hastings Brass Foundry Ltd.

ADDRESS:

236 Clark Dr.
Vancouver, BC, V5L 3H3

CONTACT:

Mr. David Esworthy

Tel: 604-253-2811

Fax: 604-253-3133

YEAR ESTABLISHED: 1920

EXPORT SALES: \$500,000

GROSS SALES: \$2,000,000

AVERAGE # OF EMPLOYEES: 30

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Bearings; Bollards; Bronze Fittings; Fittings, Hose; Flanges; Glands Stuffing Box (Bronze); Valves and Fittings - Trolling; Port Lights; Propellers; Stuffing Boxes; Trolling; Fire Fighting; Castings; Adapters - Hose and Pipe.

CAPABILITIES:

Sand castings in alloys of bronze and aluminum to ISO 9002 quality assurance standards. Current maximums to 1,800 lbs. in bronze or 600 lbs. in aluminum. Conventional machine shop to produce finished products to customer specifications. Product line of fire fighting equipment and appliances.

TARGET MARKET:

North America.

**Hawboldt Industries (1989)
Ltd.**

ADDRESS:

Old Hwy #3
P.O. Box 80
Chester, NS, B0J 1J0

CONTACT:

Mr. David Chamberlain

Tel: 902-275-3591

Fax: 902-275-5014

YEAR ESTABLISHED: 1906

EXPORT SALES: \$300,000

GROSS SALES: \$3,600,000

AVERAGE # OF EMPLOYEES: 25

RATIO COMMERCIAL/DEFENCE: 91/9

KEYWORDS:

Repair Work - Propeller Repairs; Bow Thrusters; Bronze Fittings; Capstans; Castings; Cranes; Deck Machinery; Glands Stuffing Box (Bronze); Hydraulic Components/Systems; Oil Spill Control; Plates, Deck; Pollution Control Equipment; Propellers; Shafts; Steering Gear; Stuffing Boxes; Towing Systems - Hydraulic Pins; Valves and Fittings - Bronze Hydraulic; Hydraulic; Winches; Windlasses; Marine Surveys; Propeller Calculations - Drawings and Performance Curves.

TARGET MARKET:

Small To Medium Vessel Winches and Propellers; Hydrographic Winches.

Hawker Siddeley Canada Inc.

ADDRESS:

5227 Notre Dame East
Montreal, PQ, H1N 3K5

CONTACT:

Mr. Alain Desilets

Tel: 514-255-4041
Fax: 514-254-7084

YEAR ESTABLISHED: 1912

EXPORT SALES: \$15,000,000

GROSS SALES: \$25,000,000

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Anchor and Chain Repairs; Castings;
Compressors.

CAPABILITIES:

Steel and stainless steel foundry capable of pouring casting from 100 lbs to 100 tons net weight. Specialized in hydro electric and power generation plant, Canadian Steel Foundries Division (CSF) can provide full range of destructive and non-destructive tests: Magnetoscopy, Radiographic, Ultrasonic, etc.

TARGET MARKET:

Power Generation.

Hermes Electronics Limited

ADDRESS:

40 Atlantic St.
P.O. Box 1005
Dartmouth, NS, B2Y 4A1

CONTACT:

Mr. Guy Jeffrey

Tel: 902-466-7491
Fax: 902-463-6098

YEAR ESTABLISHED: 1947

EXPORT SALES: \$21,000,000

GROSS SALES: \$36,000,000

AVERAGE # OF EMPLOYEES: 400

KEYWORDS:

Buoys, Sono; Sonobuoys; Towed Acoustic
Arrays; HF Communications Systems.

CAPABILITIES:

Manufacturers of Sonobuoys - Expendable
Directional Acoustic Sensors for
Anti-submarine warfare applications.

Hewitt Equipment Limited - Energy Division

ADDRESS:

4000 Trans-Canada Hwy
Pointe-Claire, PQ, H9R 1B2

CONTACT:

Mr. Remy Boulianne

Tel: 514-426-3000

Fax: 514-426-5224

YEAR ESTABLISHED: 1952

AVERAGE # OF EMPLOYEES: 100

KEYWORDS:

Alternators; Batteries; Control Systems, Propulsion; Electrical/Electronic Components and Systems - Annunciator Systems, Automation Systems, Consoles; Bridge and Engine Room; Engines; Engine Control Modules; Filter; Gear, Propulsion; Generators - Diesel Electric; Heat Exchangers; Marine Exhaust Mufflers; Propulsion Systems; Radiators; Silencers.

CAPABILITIES:

The Energy Division of Hewitt Equipment Limited sells Caterpillar marine propulsion and auxiliary engines, and complete power generating systems for fishing and shipping fleets, not to mention ferries, cruise ships and pleasure crafts. Engines and engine systems are commissioned at sea and maintained by the division's experts. Hewitt also designs and builds custom control and power distribution panels. With over 40 years experience, the division's team can expertly analyze customers' requirements and supply the appropriate equipment. Caterpillar engines are known worldwide for their ease of maintenance, high productivity, low fuel consumption, and overall cost efficiency. Backed by a solid warranty and after-sales service, available around the world through the Caterpillar network, prior to delivery, to guarantee perfect working order.

Honeywell Ltd. (Aerospace Division)

ADDRESS:

Hwy 17
P.O. Box 1300
Rockland, ON, H4K 1L8

CONTACT:

Mr. Brian Castledine

Tel: 613-446-6011

Fax: 613-446-5905

YEAR ESTABLISHED: 1986

EXPORT SALES: \$2,700,000

GROSS SALES: \$27,000,000

AVERAGE # OF EMPLOYEES: 250

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Command and Control Systems; Control Systems, Navigation and Steering; Helicopter Recover Systems; Navigation Aids; Radar Systems - Navigation/Surveillance; Sonar Equipment and Systems; Government/Industry Relations; Industrial Benefit Management; Electronics and Weapon Systems Design and Integration; Helicopter Operations at Sea; Integrated Logistics Systems and Support Analysis (ILS/LSA); Marine Maintenance Systems; Project/Program Management; Underwater Technology.

CAPABILITIES:

Honeywell's Aerospace manufacturing and product support facilities are located in plants in Rockland and Ottawa, Ontario. The world class production facility is equipped to engineer, design, develop and

produce air traffic control systems: multiplexer systems: Horizon Reference Systems: and other guidance and control systems to the highest government standards of quality assurance. Product support is provided to the same high standard for the repair and overhaul of avionics, marine and telecommunication systems. Honeywell Modular Aeronautical Communications Switch (MACS) Systems are used extensively at Canadian Airports from coast to coast and provide air traffic controllers and flight service specialists with the capability to operate various radio, hotline, interphone and telephone channels from operating consoles in towers, terminal control units and flight service stations. The Canadian-developed Horizon Reference System is used by the Canadian Forces, the U.S. Navy and other foreign navies to assist in the landing of helicopters aboard ships. Honeywell's strengths provide our customers with a full range of capabilities, including research, development, production and life-cycle support. Primary markets are the Canadian Forces and Transport Canada, as well as the aerospace and marine industries.

TARGET MARKET:

North America, Southeast Asia, Europe, and South America.

Hydro-Mac Inc.

ADDRESS:

10575 Tolhurst St.
Montreal, PQ, H3L 3A6

CONTACT:

Mr. Fernand Boisjoly
Tel: 514-331-9175
Fax: 514-331-9093

YEAR ESTABLISHED: 1974

EXPORT SALES: \$80,000

GROSS SALES: \$800,000

AVERAGE # OF EMPLOYEES: 5

RATIO COMMERCIAL/DEFENCE: 100/0

KEYWORDS:

Capstans; Cargo Handling Equipment; Deck Machinery; Hydraulic Components/Systems; Towing Systems - Hydraulic Pins; Valves and Fittings - Directional Control; Hydraulic; Metric; Needle, Piston, Plug; Pneumatic; Pressure; Pressure Reducing; Relief; Safety; Sequencing; Solenoid; Thermostatic; Winches; Windlasses; Hydraulic Systems Design; Motors - Hydraulic; Pumps; Parts Locator Service; Systems Engineering.

CAPABILITIES:

Specializing in hydraulic equipment; Hydraulic systems design for all types including dredges; fishing vessels, oceanographic and hydrographic winches and repair and overhaul of large hydraulic motors and pumps.

Indal Technologies Inc.

ADDRESS:

3570 Hawkestone Rd.
Mississauga, ON, L5C 2V8

CONTACT:

Mr. V. Lacey
Tel: 416-275-5300
Fax: 416-273-7004

YEAR ESTABLISHED: 1952

EXPORT SALES: \$40,000,000

GROSS SALES: \$50,000,000

AVERAGE # OF EMPLOYEES: 250

RATIO COMMERCIAL/DEFENCE: 10/90

KEYWORDS:

Submarines/Submersibles; Cable Handling Systems; Doors, Hangar, Marine; Enclosures, Engine - Acoustical; Gangways; Hangars, Helicopter; Hatch Covers; Hatches; Helicopter Landing Decks (Heli-Pads); Helicopter Recover Systems; Ladder/Stairway; Landing and Securing Systems - Helicopter; Pontoons; Sonar Domes; Structures and Underwater; Substructures; Towing Systems - Hydraulic Pins; Unmanned Air Vehicle Support Systems; Winches; Helicopter Operations at Sea; Integrated Logistics Systems and Support Analysis (ILS/LSA); Project/Program Management.

CAPABILITIES:

Manufacturers of: Aircraft Handling Systems; Helicopter recovery assist, securing and traversing systems permit helicopters to operate at sea from small flight decks in rough weather. The equipment can handle helicopters as large as the Sikorsky SeaHawk, from ships rolling up to 30 degrees, pitching up to 8 degrees and heaving 6 metres (20 feet) per second; Cable Handling Systems; Individual subsystems and fully integrated systems for anti-submarine warfare and countermeasures including variable depth sonar submarine and surface ship tactical towed line array, torpedo decoy handling systems, towed bodies in variety of sizes and materials, custom electro-mechanical tow cables and lightweight dipping sonar winches. Mine counter-measure equipment

such as towed sweep gear route survey sonar handling systems and remotely operated vehicles; Unmanned Vehicle Support Systems-Launch, recovery, handling and stowage of vertical take-off and landing unmanned air vehicle systems (UAVs); Specialized Structures-Shipboard telescopic helicopter hangars, hangar doors and hull-mounted sonar domes with transducer hoisting equipment.

TARGET MARKET:

Naval, Marine and Space.

Instrumar Ltd.

ADDRESS:

25 Pippy Place
P.O. Box 13246
St. John's, NF, A1B 4A5

CONTACT:

Mr. Robert Vivian

Tel: 709-726-8460
Fax: 709-726-8613

YEAR ESTABLISHED: 1980

EXPORT SALES: \$900,000

GROSS SALES: \$1,500,000

AVERAGE # OF EMPLOYEES: 16

RATIO COMMERCIAL/DEFENCE: 100/0

KEYWORDS:

Computer Software - Computer Based Training and Engineering, Calculations and Analysis; Control and Instrumentation Systems Design; Electronics and Weapon Systems Design and Integration;

Engineering Dynamics and Mathematical Modelling; Ice Engineering; Systems Engineering.

CAPABILITIES:

Electronic and Mechanical Engineers specializing in the development of intelligent sensor systems for close proximity and contact sensing. Extensive mathematical modelling/algorithm development. Capability includes preparation of marine training simulations.

TARGET MARKET:

Marine Simulation/Sensor Development.

Interactive Circuits and Systems Ltd.

ADDRESS:

5430 Canotek Rd.
Gloucester, ON, K1J 9G2

CONTACT:

Mr. Dipak Roy

Tel: 613-749-9241
Fax: 613-749-9461

YEAR ESTABLISHED: 1980

AVERAGE # OF EMPLOYEES: 20

KEYWORDS:

Data Acquisition Systems; Radar Systems - Navigation/Surveillance; Signalling Equipment; Sonar Equipment and Systems.

CAPABILITIES:

ICS is a major supplier of off-the-shelf

real-time data acquisition, signal processing, image processing and sonar systems.

InterCon Consultants

ADDRESS:

275 Slater St.
Suite 1003
Ottawa, ON, K1P 5H9

CONTACT:

Mr. Ross Campbell

Tel: 613-236-4451
Fax: 613-230-8707

YEAR ESTABLISHED: 1983

GROSS SALES: \$350,000

AVERAGE # OF EMPLOYEES: 10

RATIO COMMERCIAL/DEFENCE: 50/50

KEYWORDS:

Oil Spill Control Equipment/Systems; Oil Spill Recovery; Computer Software - Project Management and Productivity; Government/Industry Relations; Integrated Logistics Systems and Support Analysis (ILS/LSA); Inventory Control Systems; Project/Program Management; Transportation - Arctic and otherwise; Underwater Technology; Business Development; Information Technology; Text Retrieval; Business Process Re-Engineering; Data Storage and Retrieval.

CAPABILITIES:

Consulting services to marine, defence,

aerospace, information technology, and energy industries. Providing advice and assistance in procurement, marketing, industrial benefits and joint ventures to foreign companies doing business in Canada and Canadian companies seeking offshore markets. Arranging offshore representation in selected foreign countries.

TARGET MARKET:

Governments and Commercial Businesses in Canada and abroad.

International Energy Systems Corp.

ADDRESS:

2-7449 River Rd.
Delta, BC, V4G 1B9

CONTACT:

Mr. K. Douglas Cullen

Tel: 604-946-6647
Fax: 604-946-6851

YEAR ESTABLISHED: 1993

EXPORT SALES: \$2,000,000

GROSS SALES: \$10,000,000

AVERAGE # OF EMPLOYEES: 20

RATIO COMMERCIAL/DEFENCE: 100/0

KEYWORDS:

Electrical/Electronic Components and Systems; Switchboards; Enclosures, Engine - Acoustical; Engines - Diesel, Diesel Electric, Gas Turbine, Gas Turbine Electric; Engine Control Modules; Exhaust Systems;

Fabrication, Custom; Fans; Filters; Filtration Systems; Gas Turbines; Generators - Diesel Electric, Electric, Gas Turbine Electric; Marine Exhaust Mufflers; Power Supplies; Propulsion Systems; Propulsion and Power Systems.

CAPABILITIES:

Original equipment manufacturer (OEM) for Detroit Diesel Corporation Incorporated products into generator sets and propulsion systems. Canadian distributor for Kawasaki Heavy Industries. Marine Propulsion Systems with engines available up to 16290 KW (21140 BHP) per unit, with all ancillary equipment including reduction gears plus installation and trials supervision; Diesel electric propulsion systems; Diesel and Gas Turbine generator sets (Kawasaki gas turbines), Pump drive sets, complete switchboards of own design and manufacture, marine exhaust silencers; Control, alarm and monitoring systems. Diesel and Gas turbine generator, pumps, or compressor sets; Turn-key gas turbine and diesel generator power packs, for remote or local control; Complete with switchboard cooling equipment and sound insulated enclosures, switchboard exhaust systems and silencers; 24 hr. field service; Component Repair.

TARGET MARKET:

Power Generation - All types.

International Paints (Canada) Limited

ADDRESS:

19500 Trans-Canada Hwy
Baie d'Urfe, PQ, H9X 3S8

CONTACT:

Mr. J. Kleivstul

Tel: 514-457-4155

Fax: 514-457-4108

YEAR ESTABLISHED: 1924

EXPORT SALES: \$2,000,000

GROSS SALES: \$50,000,000

AVERAGE # OF EMPLOYEES: 200

RATIO COMMERCIAL/DEFENCE: 85/15

KEYWORDS:

Coatings; Paint.

CAPABILITIES:

Capacity 12,000,000 Litres per year. All types of paints and coatings specializing in heavy duty coatings for marine, offshore industry.

TARGET MARKET:

Marine Offshore Industry.

International Submarine Engineering

ADDRESS:

1734 Broadway St.
Port Coquitlam, BC, V3C 2M8

CONTACT:

Mr. James R. McFarlane

Tel: 604-942-5223

Fax: 604-942-7577

YEAR ESTABLISHED: 1974

EXPORT SALES: \$3,000,000

GROSS SALES: \$8,000,000

AVERAGE # OF EMPLOYEES: 80

RATIO COMMERCIAL/DEFENCE: 40/60

KEYWORDS:

Submarines/Submersibles; Control Systems, Propulsion; Radar Systems- (Navigation/Surveillance); Vessel Traffic Management Systems (VTMS); Engineering Dynamics and Mathematical Modelling; Ocean Engineering; Underwater Technology.

CAPABILITIES:

International Submarine Engineering Ltd. is a privately held Canadian based company. ISE and its subsidiaries, ISE Research, and IRTS (International Remote Traffic Systems) Ltd., are high technology engineering companies offering expertise in the following areas: ISE - Development and manufacture of ROVs for salvage; offshore petroleum telecommunication cables; military and scientific use; manipulators; control systems; space station technologies - power systems management, autonomous robotics; and tourist submarines; ISER - Development and manufacture of AUVs, robotic systems, maintenance and upgrading of manned submersibles; IRTS - Marine Traffic Management. Uses bandwidth compression to transmit radar over telephone wires from remote sites.

SPECIAL NOTE:

International Submarine Engineering was one of the recipients of the 1990 Canada

Export Award.

Internav Limited

ADDRESS:

P.O. Box 1261
Sydney, NS, B1P 6J9

CONTACT:

Mr. Bruce MacIsaac

Tel: 902-564-2043
Fax: 902-564-0390

YEAR ESTABLISHED: 1976

EXPORT SALES: \$350,000

GROSS SALES: \$500,000

AVERAGE # OF EMPLOYEES: 18

RATIO COMMERCIAL/DEFENCE: 20/80

KEYWORDS:

Buoys; Control Systems, Navigation and Steering; Navigation Aids; Electronic Systems Design, Receivers.

CAPABILITIES:

Internav Limited has been designing and manufacturing marine, buoy and aviation navigational receivers for more than 15 years. Over 10,000 are used world-wide which include Canada's patrol frigates, Search and Rescue helicopters, Coast Guard vessels, and various U.S. Navy minesweeper and hydrographic survey programs. Internav's products can be modified for specific interfacing or data processing requirements. Accessory equipment includes remote readouts, notch filters, and antenna splitters. Internav also

has an AQAP-4 build-to-print capability and produced the Shield control system for Canada's frigates. Internav is currently developing its own GPS receiver and GPS/Loran-C integrated receivers are now available. Products: Navigation Aids; GC408 - Survey Loran-C/GPA hybrid receiver; GC1200 Airborne Loran-C/GPS hybrid receiver; LC408-survey Loran-C receiver; LC1200-Airborne Loran-C receiver; LC360-Marine receiver; LC310/320 - Data Buoy receivers; Build-to-print capability (AQAP-4).

TARGET MARKET:

Various Military, Navy, and Air Force Organizations, Coast Guards, Hydrographic Survey Applications.

lotek Inc.

ADDRESS:

1127 Barrington St.
Suite 100
Halifax, NS, B3H 2P8

CONTACT:

Mr. Terry Doyle

Tel: 902-420-1890
Fax: 902-420-0674

KEYWORDS:

Displays; Electrical/Electronic Components and Systems - Signal Processors; Marine Training Simulators; Radar Sets and Equipment; Sonar Equipment Systems; Digital Signal Processing; Computer-Aided Design and Drafting (CADD) Systems and Training; Human Engineering and MMI Design; Training Systems/Programs; High

Speed Digital Electronics; Signal Processing; Display Processing.

CAPABILITIES:

Iotek is a seven year old Halifax-based company which designs, manufactures and supports high-speed digital signal processors and high resolution imaging displays.

ISE Research Ltd.

ADDRESS:

1734 Broadway St.
Port Coquitlam, BC, V3C 2M8

CONTACT:

Mr. James Ferguson

Tel: 604-942-5223

Fax: 604-942-7577

YEAR ESTABLISHED: 1975

EXPORT SALES: \$1,000,000

GROSS SALES: \$4,000,000

AVERAGE # OF EMPLOYEES: 28

KEYWORDS:

Command and Control Systems; Control Systems, Navigation and Steering; Displays; Navigation Aids; Sonar Equipment and Systems.

CAPABILITIES:

ISE Research is a high technology engineering company engaged in the development and manufacture of undersea vehicles and other sub-sea equipment. The company offers expertise in the

development and manufacture of untethered underwater vehicles, development of robotic systems, maintenance and upgrading of manned submersibles. ISE Research offers a range of capabilities from feasibility studies through detailed analysis and design to system development and field support. The company places great emphasis on meeting individual customer requirements and on customer satisfaction.

TARGET MARKET:

France, United Kingdom, U.S.A, Japan.

ITT Barton Instruments

ADDRESS:

3840 11A St. North East
Calgary, AB, T2E 6M6

CONTACT:

Mr. Bill Foose

Tel: 403-291-4814

Fax: 403-291-5678

YEAR ESTABLISHED: 1966

AVERAGE # OF EMPLOYEES: 75

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Boiler Mountings and Controls; Electrical/Electronic Components and Systems; Fuel Monitoring and Optimizing Systems; Instrumentation; Power Supplies; Sensors; Control and Instrumentation Systems Design; Indicators - Depth Tank Level; Monitors - Tank Level Oil/Water.

CAPABILITIES:

ITT Barton is engaged in the manufacture of rugged Instrumentation and Control products for level, temperature, pressure and flow measurement. Products range from commercial grade to military and nuclear approved models. Some of the many marine applications are, boiler level control, fuel flow monitors, tank and ballast level controls, depth indicators etc.

TARGET MARKET:

Oil and Gas, Power-Nuclear, Naval, General Industrial.

**ITT Cannon (A division of
ITT Industrial of Canada)**

ADDRESS:

4 Cannon Crt.
Whitby, ON, L1N 5V8

CONTACT:

Mr. R.W. Small

Tel: 416-668-8881
Fax: 416-668-4152

YEAR ESTABLISHED: 1942

AVERAGE # OF EMPLOYEES: 150

RATIO COMMERCIAL/DEFENCE: 60/40

KEYWORDS:

Electrical/Electronic Components and Systems Connectors.

CAPABILITIES:

Design and manufacture capability for the hostile connector market, including

hi-pressure, corrosion resistant, multi-pin requirements, AQAP 1, QUAL 1D. Connectors for shipboard applications. 30,000 pSI, Hi-Shock, Hi-Density.

TARGET MARKET:

Shipboard applications, Marine geophysical markets.

J.S.C. Inc.

ADDRESS:

4500 Garand St.
Ville St. Laurent, PQ, H4R 2A2

CONTACT:

Mr. Yves Downing

Tel: 514-332-9772
Fax: 514-332-1951

YEAR ESTABLISHED: 1971

EXPORT SALES: \$1,000,000

GROSS SALES: \$6,500,000

AVERAGE # OF EMPLOYEES: 65

RATIO COMMERCIAL/DEFENCE: 40/60

KEYWORDS:

Refurbishing; Bulkheads, Linings; Cabin Fittings; Ceiling Systems; Conveyors, Belts, Screw; Davits; Deck Coverings; Deck Machinery; Doors, Marine; Fabrication, Custom; Fire Dampers; Fire Protection Systems; Fire Fighting Cabinets; Furnishings and Furniture; Gaskets; Gratings; Hatch Covers; Hatches; Insulating Materials; Interiors; Ladders/Stairways; Lifeboats; Lights; Port Lights; Window Boxes; Window Shutters; Window, Marine;

Expansion Joints - Metallic, Rubber, Fabric.

CAPABILITIES:

Designers and Manufacturers of Complete Habitability Systems; Joiner Bulkhead Systems; Closures, Medium, and Heavy Duty Watertight and Structural Doors; Hatches, Scuttles and Manholes; Pneumatically Controlled Sliding Fire Doors; Joiner Fire Rated Doors; Hydrocarbon Fire Doors; Fire Rated Enclosures/Containers; Fire Rated/Blast Doors; Fire Dampers; Floating Floor Systems; Raised Floor; Metal Marine Furniture; Sanitary Spaces Equipment; Toilet Modules; Toilet Partitions Prefabricated Refrigeration Chambers; Window Cases; Commissary Containers; Cabinetry - Submersible and Watertight; Hydraulic Tanks; and Expansion Joints. Suppliers of: Lifeboat Davits; Joiner Bulkheads; Hexcel Honeycomb Core Panels; Fire, Thermal and Sound Insulations; Deck Covering Materials; Commercial and MIL Spec. Gaskets; Door Locks and Hardware. Services: Outfitting of Accommodation Systems, Installation of Insulation Systems for Amonia Tankers and LNG Tanks; Follow-up Services and Maintenance of all products of our supply; and Hydrostatic Test Facilities.

TARGET MARKET:

U.S.A.

Jastram Engineering Ltd.

ADDRESS:

485 Mountain Hwy.
North Vancouver, BC, V7J 2L3

CONTACT:

Mr. Peter Doetsch

Tel: 604-986-0714
Fax: 604-986-0334

YEAR ESTABLISHED: 1989

AVERAGE # OF EMPLOYEES: 11

RATIO COMMERCIAL/DEFENCE: 100/0

KEYWORDS:

Steering Gear.

CAPABILITIES:

Design and manufacturing complete line of steering gears and electronic control systems suitable for both recreational and commercial vessels. Approval including ABS, USCG, Lloyd's, DNV, BV, ZC, CR, KR, etc.

TARGET MARKET:

North America and Worldwide.

Jastram Technologies Ltd.

ADDRESS:

300 Esna Park
Unit 18
Markham, ON, L3R 1H3

CONTACT:

Mr. Jim C. Otter

Tel: 416-470-9800
Fax: 416-470-9780

YEAR ESTABLISHED: 1983

AVERAGE # OF EMPLOYEES: 6

RATIO COMMERCIAL/DEFENCE: 50/50

KEYWORDS:

Alarm Systems; Batteries; Control Systems, Navigation and Steering; Desalination Equipment; Electrical/Electronic Components and Systems, Switchboards, Other Electrical - Adapters, Anodes, Cable, Power Supplies, Switches and Wire; Cable Transits; Lights; Navigation Aids; Retrofits; Signalling Equipment; Certification and Classification; Computer Software, Calculations and Analysis; Illumination Modelling; Search Lights; Whistles.

Jeamar Winches Ltd.**ADDRESS:**

53 Maple Ave.
Richmond Hill, ON, L4C 6P3

CONTACT:

Mr. Ben Aston

Tel: 416-889-7853
Fax: 416-889-3795

YEAR ESTABLISHED: 1972

EXPORT SALES: \$2,320,000

GROSS SALES: \$2,900,000

AVERAGE # OF EMPLOYEES: 20

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Hoists; Capstans; Deck Machinery; Winches.

CAPABILITIES:

Jeamar Winches manufactures an extensive range of heavy duty winches comprised of

electric, air, hydraulic, capstan, hand and engine powered winches. All design and manufacture is to ANSI or DIM standards ensuring conformity to the most stringent worldwide requirements. Numerous options are available such as free spooling-controls-explosion proof-variable speed and many others.

TARGET MARKET:

Heavy Industry and Commercial Marine.

John T. Hepburn Ltd.**ADDRESS:**

7450 Torbram Rd.
Mississauga, ON, L4G 1G9

CONTACT:

Mr. R. Ballantyne

Tel: 416-671-2200
Fax: 416-671-0499

YEAR ESTABLISHED: 1905

KEYWORDS:

Cranes; Deck Machinery; Elevators; Replenishment-at-Sea Systems; Loading/Unloading Systems; Towing Machines; Winches; Windlasses; Mooring Systems; Pipe Handling Systems.

CAPABILITIES:

Hepburn designs and builds Marine Deck Machinery, Underway Replenishment Systems, Deep Water Mooring Systems, and a range of related offshore and shipboard equipment. Hepburn Windlasses, Winches, Fairleaders and BOP cranes are in service on drill ships and rigs from the Gulf to the Arctic and in the North Sea.

Hepburn shipboard cranes, winches, capstans, elevators and Underway Replenishment (UNREF) Systems are operating on naval and commercial vessels around the world.

K.B. Electronics (1989) Ltd.

ADDRESS:

150 Bluewater Rd.
Bedford, NS, B3B 1G9

CONTACT:

Mr. Sandy Barnhill

Tel: 902-835-7268
Fax: 902-835-6026

YEAR ESTABLISHED: 1979

EXPORT SALES: \$500,000

GROSS SALES: \$5,000,000

AVERAGE # OF EMPLOYEES: 50

KEYWORDS:

Electrical/Electronic Components and Systems; Power Conversion Equipment; Power Supplies; Rectifiers.

CAPABILITIES:

K.B. Electronics designs and manufactures a complete line of fully hardened and ruggedized static power conversion equipment in the 1-10 Kw power range for military and critical commercial applications. In the design and manufacture of all products, we apply the same commitment to quality that has earned KBE a reputation for meeting or exceeding customer requirements. KBE provides integrated logistic support services

for its family of products. For rapid response to our customer requirements, our engineering capabilities are complemented by in-house EMI, vibration and environmental test facilities.

TARGET MARKET:

U.S.A., Europe.

Key Marine Industries Ltd.

ADDRESS:

399 Alexander Industries Ltd.
Vancouver, BC, V6A 1C4

CONTACT:

Mr. Jim McFarlane

Tel: 604-681-3415
Fax: 604-681-0602

YEAR ESTABLISHED: 1986

GROSS SALES: \$5,000,000

AVERAGE # OF EMPLOYEES: 40

KEYWORDS:

Repair Work - Overhauls, Flying Squads, In Situ Grinding/Machining, Electrical Repairs, Metal Spraying, Engine Repairs, Hull Repairs, Refurbishing, Anchor and Chain Repairs, Refrigeration, Welding Services, Repairs Afloat, Re-Engining, Steel Fabrication; Cargo Handling Equipment; Cranes; Rudders; Shafts.

Keypower Equipment Inc.

ADDRESS:

5-8091 Capstan Way
Richmond, BC, V6X 1R4

CONTACT:

Mr. Ray Burrows

Tel: 604-278-4836
Fax: 604-278-4838

YEAR ESTABLISHED: 1975

EXPORT SALES: \$500,000

GROSS SALES: \$1,500,000

AVERAGE # OF EMPLOYEES: 10

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Bollards; Bow Thrusters; Capstans; Deck Machinery; Hydraulic Components/Systems; Thruster Units; Winches; Windlasses.

TARGET MARKET:

Vessels up to 200 ft.

Knudsen Engineering Ltd.

ADDRESS:

77 Gore St., E.
Perth, ON, K7H 1H8

CONTACT:

Ms. Judith Knudsen

Tel: 613-267-1165
Fax: 613-267-7085

YEAR ESTABLISHED: 1981

EXPORT SALES: \$50,000

GROSS SALES: \$500,000

AVERAGE # OF EMPLOYEES: 10

RATIO COMMERCIAL/DEFENCE: 60/40

KEYWORDS:

Data Acquisition Systems; Sonar Equipment and Systems; Echosounders.

CAPABILITIES:

Knudsen Engineering Limited specializes in the design and manufacture of innovative digital underwater acoustics systems. The DAISY (Digital Acoustic Imaging Sonar) is capable of storing and retrieving 3-dimensional beamforming parameters in real time, and is intended to be used with moving platforms and underwater vehicles in a wide variety of defence and commercial applications. The 320M Marine Echosounder is available in single or dual frequency, capable of shallow water inland survey to full ocean sounding.

TARGET MARKET:

International Marine Industry.

Kobelt Manufacturing Company Limited

ADDRESS:

11720 Horseshoe Way
Richmond, BC, V7A 4V5

CONTACT:

Mr. Jack Kobelt

Tel: 604-271-2741

Fax: 604-274-6322

YEAR ESTABLISHED: 1962

EXPORT SALES: \$3,500,000

GROSS SALES: \$4,000,000

AVERAGE # OF EMPLOYEES: 30

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Alarm Systems; Bronze Fittings; Castings; Command and Control Systems; Control Systems Navigation and Steering; Control Systems, Propulsion; Electrical/Electronic Components and Systems; Engine Control Modules; Hydraulic Components/Systems; Steering Gear; Valves and Fittings - Bronze; Diaphragm Control; Directional Control; Hydraulic; Pneumatic; Pressure; Pressure Reducing; Solenoid; Trolling; Vent.

CAPABILITIES:

Kobelt provides Push/Pull, Mechanical, Pneumatic and Electronic Propulsion Controls, Hydraulic Steering Gear and Disc Brakes internationally and provides a five-year guarantee and competitive prices.

TARGET MARKET:

International Market.

Kvaerner Masa Marine Inc.**ADDRESS:**

1441 Creekside Dr.
Suite 570
Vancouver, BC, V6J 4S7

CONTACT:

Mr. Peter Noble

Tel: 604-736-8711

Fax: 604-738-4410

YEAR ESTABLISHED: 1983

EXPORT SALES: \$2,000,000

GROSS SALES: \$2,500,000

AVERAGE # OF EMPLOYEES: 18

RATIO COMMERCIAL/DEFENCE: 70/30

KEYWORDS:

Oil Spill Control Equipment/Systems; Oil Spill Recovery; Arctic and Marine Research Facilities; Computer Software - Computer Propeller Calculations and Analysis, Computer Numerically Controlled Milling of Propellers, Propeller Models and Ship Models, Engineering Calculations and Analysis, Project Management and Productivity; Computer-Aided Design and Drafting (CADD) Systems and Training; Finite Element Analysis; Government/Industry Relations; Human Engineering and MMI Design; Marine Legal Consultancy; Model Testing; Parts Locator Service; Propeller Testing; Reliability and Safety Assurance; Reliability, Availability and Maintainability (RAM); Electronics and Weapon Systems Design and Integration; Engineering Dynamics and Mathematical Modelling; Ice Engineering; Integrated Machinery Control Systems; Integrated Logistics Systems and Support Analysis

(ILS/LSA); Marine Consultants and Engineers; Marine Surveys; Materials Handling Systems; Naval Architects; Naval Damage Control and Surveillance Systems; Ocean Engineering; Project/Program Management; Propeller Calculations, Drawings and Performance Curves; Propulsion and Power Systems; Set to Work Trials Teams; Systems Engineering; Transportation - Arctic and Otherwise; Underwater Technology; Vibration Analysis and Control.

CAPABILITIES:

Kvaerner Masa Marine Inc. (KMM) is an integrated naval architecture, marine and offshore engineering services company providing design and consulting services to industry and government clients in Canada, the United States and overseas. A unique feature of the company is the combination of high technology skills, practical design know-how, construction expertise and at-sea experience offered by the professional staff. The services provided by KMM include, research and analytical type investigations; feasibility studies; conceptual, preliminary and contract design model and full scale testing of ships and marine structures in open water and ice. Also experienced with air bubbler systems for ice breakers, anti-heel tank systems, and impressed current corrosion control. Recent project work includes design work for U.S. Navy Strategic Sea-lift ships, U.S. Coast Guard Polar Ice Breaker, U.S. Coast Guard Buoy Tenders, Double Hulled Tankers, Amphibious Air Cushioned Lighters for the U.S. Army, Research Vessels, and Patrol Boats.

TARGET MARKET:

United States, Canada, Europe, South America.

Landsdowne Integrated Systems Inc.

ADDRESS:

1800-275 Slater St.
Ottawa, ON, K1P 5H9

CONTACT:

Mr. Michael Darch

Tel: 613-236-3333

Fax: 613-236-4440

YEAR ESTABLISHED: 1976

GROSS SALES: \$1,400,000

AVERAGE # OF EMPLOYEES: 12

RATIO COMMERCIAL/DEFENCE: 70/30

KEYWORDS:

Computer Software - Project Management and Productivity; Government/Industry Relations; Industrial Benefit Management; Integrated Logistics Systems and Support Analysis (ILS/LSA); Marine Maintenance Systems; Project/Program Management.

CAPABILITIES:

Landsdowne has been providing clients with technical management expertise since 1976. We are a goal oriented, performance driven company dedicated to working with our clients to meet their needs. Our skills are focused on the aspects of front end technical management and risk reduction in projects as well as introducing technology to a company, either in the operations or as a new product or service. We have considerable experience in proposal management, subcontractor selection and development of selling strategies in major Crown projects. Recent assignments have included requirements definition and

specification development for two Defence projects, performance of a validation and verification of contracts on a large Defence project, development of the procedures for the Canadian utilization of Space Station Freedom and working with a private sector company to add complementary new products through merger or acquisition. Clients have included National Defence, Canadian Space Agency, British Aerospace, Marconi Underwater Systems and Canadian Shipbuilding and Engineering Ltd. Lansdowne brings a pragmatic, results oriented approach to the management of complex, technology intense projects.

Lister Bolt & Chain Ltd.

ADDRESS:

1771 Savage Rd.
Richmond, BC, V6V 1R1

CONTACT:

Mr. Michael J. Stobbart

Tel: 604-273-5411
Fax: 604-273-5495

YEAR ESTABLISHED: 1911

AVERAGE # OF EMPLOYEES: 70

RATIO COMMERCIAL/DEFENCE: 60/40

KEYWORDS:

Anchors; Chain and Accessories; Deck Machinery.

CAPABILITIES:

Accessories include: Chain Swivels, Connecting Links, and Chain Fittings.

Litton Systems Canada Limited

ADDRESS:

25 City View Dr.
Etobicoke, ON, M9W 5A7

CONTACT:

Mr. D.A. Fuller

Tel: 416-249-1231
Fax: 416-246-2955

YEAR ESTABLISHED: 1960

EXPORT SALES: \$107,000,000

GROSS SALES: \$229,000,000

AVERAGE # OF EMPLOYEES: 1,500

RATIO COMMERCIAL/DEFENCE: 15/85

KEYWORDS:

Command and Control Systems;
Certification and Classification;
Computer Software; Computer-Aided Design and Drafting (CADD) Systems and Training; Control and Instrumentation Systems Design; Human MAR Engineering and MMI Design; Industrial Benefit Management; Reliability, Availability and Maintainability (RAM); Training Systems/Programs; Electronics and Weapon Systems Design and Integration; Engineering Dynamics and Mathematical Modelling; Integrated Logistics Systems and Support Analysis (ILS/LSA); Naval Combat and Electronic Systems Management; Project/Program Management; Set to Work Trials Teams; Systems Engineering.

CAPABILITIES:

Litton Systems Canada Ltd. (LSL) was awarded the contract for the Tribal Class Update and Modernization Project (TRUMP) in 1986. The TRUMP program has provided the company with a capability in the management of major system upgrades to weapon platforms with all the complexities of integrating modern systems within existing weapon platform capability. In particular for TRUMP, LSL is responsible for providing DND with Anti Air Warfare capability based on the U.S. Standard SM2 missile and the Vertical Launch Systems (VLS) MK41, implemented for the first time outside of the U.S.A. As a result of TRUMP, LSL has the capability to undertake: Large scale system integration; Software design/development for distributed systems; and Computer based training systems.

TARGET MARKET:

Worldwide.

SPECIAL NOTE:

Litton Systems Canada Ltd. was one of the recipients of the 1990 Canada Export Award.

Lo-Rez Vibration Control Ltd.**ADDRESS:**

156 West 8th Ave.
Vancouver, BC, V5Y 1N2

CONTACT:

Mr. Tim Vranic

Tel: 604-879-2974
Fax: 604-879-6588

YEAR ESTABLISHED: 1956

AVERAGE # OF EMPLOYEES: 15

RATIO COMMERCIAL/DEFENCE: 70/30

KEYWORDS:

Vibration Isolators; Couplings Flexible Shaft; Dampers, Viscous Torsional.

CAPABILITIES:

Designers and Manufacturers of Vibration Isolators, Steel Spring Flexible Couplings, Sound Attenuating Shaft Couplings, and Viscous Torsional Dampers. Fully Analytic Services are also offered.

TARGET MARKET:

Passenger Vessels, Yachtbuilders, Offshore Industries, and Naval Construction.

Lockheed Canada Inc.**ADDRESS:**

1 Iber Rd.
Stittsville, ON, K2S 1E6

CONTACT:

Mr. Michael Young

Tel: 613-836-6860
Fax: 613-836-6566

YEAR ESTABLISHED: 1939

EXPORT SALES: \$2,000,000

GROSS SALES: \$52,000,000

AVERAGE # OF EMPLOYEES: 250

RATIO COMMERCIAL/DEFENCE: 0/100

KEYWORDS:

Sonar Equipment and Systems; Electronics and Weapon Systems Design and Integration; Integrated Logistics Systems and Support Analysis (ILS/LSA); Electronic Surveillance Systems; Electronic Support Measures (ESM) Systems; Electronic Support Training Systems; Electronic Countermeasures (ECM) Systems; Electronic Warfare Integrated Support Systems; Sonar Performance Modelling and Analysis.

CAPABILITIES:

Lockheed Canada designs, develops, manufactures and supports a wide range of Electronic Warfare Systems and related equipment/services for naval, land and airborne applications. Lockheed Canada also designs and develops High Definition Sonar Systems and Sonar Performance Measurement and Analysis Systems.

TARGET MARKET:

ESM Systems for ships, High Definition Sonars for Marine Counter Measures (MCM) and ROV/AUV.

Lunenburg Industrial Foundry & Engineering (LIFE)

ADDRESS:

53 Faulkland St.
P.O. Box 1240
Lunenburg, NS, B0J 2C0

CONTACT:

Mr. Peter J. Kinley
Tel: 902-634-8827

Fax: 902-634-8886

YEAR ESTABLISHED: 1891

EXPORT SALES: \$200,000

TOTAL SALES: \$3,750,000

AVERAGE # OF EMPLOYEES: 80

RATIO COMMERCIAL/DEFENCE: 75/25

KEYWORDS:

Barges; Dry Docks; Ferries; Fishing Vessels - Aluminum, Steel; Naval Vessels; Tugs; Work Boats; Ship Repairs - Steam; Compressed Air; Ballast Water; Fresh Water; Acetylene; Oxygen; Conversions; Lengthening; Overhauls; Underwater Cleaning; Tank Cleaning; Oil Cleaning; Grit/Sand Blasting; In Situ Grinding/Machining; Propeller Repairs; Tank Coating; Precision Machining; Gas Freeing Station; Electrical Repairs; Engine Repairs; Hull Repairs; Underwater Repairs; Welding Services; Repairs Afloat; Steel Fabrication; Refits; Alloys - Non Ferrous; Capstans; Castings; Deck Machinery; Engines, Diesel; Fabrication, Custom; Galley Equipment; Glands Stuffing Box (Bronze); Heating, Ventilation Systems and Air Conditioning; Ladders/Stairways; Plates, Decks; Propellers; Pumps; Rudders; Shafts; Stuffing Boxes; Tanks; Computer-Aided Design and Drafting (CADD) Systems and Training; Naval Architects; Ocean Engineering; Project/Program Management; Propeller Calculations, Drawings and Performance Curves; Propulsion and Power Systems.

CAPABILITIES:

Steel shipbuilding and ship-repair; 2 marine railways, maximum 1600 tons; 75-ton mobile boat hoist; 35 ton boom truck; Grove RT658 crane; well equipped machine shop; conversion and repair of diesel and

gasoline engines for marine and industrial applications, distributors for Ford and Cummins engines; complete line of marine and domestic stoves, furnaces and heat pumps; well equipped propeller manufacturing and repair facility.

TARGET MARKET:

Atlantic Canada.

Macdonald Dettwiler

ADDRESS:

13800 Commerce Parkway
Richmond, BC, V6V 2J3

CONTACT:

Mr. Murray Macdonald

Tel: 604-278-3411

Fax: 604-278-1285

YEAR ESTABLISHED: 1969

EXPORT SALES: \$50,000,000

TOTAL SALES: \$80,000,000

AVERAGE # OF EMPLOYEES: 750

RATIO COMMERCIAL/DEFENCE: 85/15

KEYWORDS:

Radar Systems - Navigation/Surveillance;
Sonar Equipment and Systems; Surveillance
Equipment; Arctic and Marine Research
Facilities - CADD; Computer Software;
Computer-Aided Design and Drafting
(CADD) Systems and Training; Educational
Programs; Human Engineering and MMI
Design; Reliability, Availability and
Maintainability (RAM); Training
Systems/Programs; Integrated Logistics

Systems and Support Analysis (ILS/LSA);
Naval Combat and Electronic Systems
Management; Project/Program
Management; Systems Engineering;
Underwater Technology.

CAPABILITIES:

Surveillance systems based on passive
sonar, active imaging sonar. Specialized
data processing using a proprietary
GEOCODING process. End-to-end system
design and delivery. MILSPEC software.

TARGET MARKET:

Navies.

**Marine Safe Electronics (MSE
of Canada Ltd)**

ADDRESS:

37 Staffern Dr.
Concord, ON, L4K 2X2

CONTACT:

Mr. Steve Klein

Tel: 416-738-3744

Fax: 416-738-5732

YEAR ESTABLISHED: 1979

AVERAGE # OF EMPLOYEES: 12

KEYWORDS:

Instrumentation; Predictive Maintenance
Systems.

CAPABILITIES:

Failsafe is a unique device, mounts in
motor/generator starting equipment. Will
alarm days in advance when an electrical

motor/generator is weak and soon will fail. Savings will be realized in fewer emergency breakdowns.

TARGET MARKET:

Navy's and Merchant Marine.

SPECIAL NOTE:

Marine Safe Electronics was one of the recipients of the 1990 Canada Export Award.

Marystown Shipyard Limited

ADDRESS:

P.O. Box 262
Marystown, NF, A0M 2M0

CONTACT:

Mr. Rob Thompson

Tel: 709-279-1200
Fax: 709-279-1408

YEAR ESTABLISHED: 1967

AVERAGE # OF EMPLOYEES: 500

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Barges; Crew Boats; Dry Cargo; Ferries; Fishing Vessels; Ice Breakers; Oceanographic Vessels; Offshore Drill Rigs; Patrol Craft; Supply Vessels; Tugs; Work Boats; Repair Work; Buoys; Computer Software; Engineering Calculations and Analysis; Project Management and Productivity; Computer-Aided Design and Drafting (CADD) Systems and Training; Marine Consultants and Engineers; Marine Surveys; Naval Architects; Project/Program Management; Transportation - Arctic and

otherwise.

CAPABILITIES:

Marystown Shipyard Ltd. is situated in Mortier Bay, on the Burin Peninsula, Newfoundland. The port is ice free all year round and is strategically located close to all East/West shipping traffic lanes, as well as being very convenient to all local shipping and trawler operations. Mortier Bay is a sheltered deep water port with depths in excess of 200 feet and is an ideal location for doing work afloat on oil rigs, whilst offering shelter from the elements. Shipbuilding - All classes and types of ships to 3000 L tons displacement. Offshore supply and anchor handling tugs. Fishing vessels of all sizes and types. Oil rig servicing. Offshore Oil Fabrication. All major steel and heavy engineering fabrication. Vessels of all types to 3000 L tons displacement, syncrolift, marine elevator with transfer capable of dry docking six ships of maximum size at one time. Dimensions of syncrolift 76.22 m x 18.29 m x 3000 L tons displacement. General steel and pipe fabrication for onshore, marine and oil and gas industries. Annual steel throughput of 4000 tons.

TARGET MARKET:

Canada, U.S., Northern Europe.

MDA Marine Design Associates Ltd.

ADDRESS:

947 Fort St.
Suite 205
Victoria, BC, V8V 3K3

CONTACT:

Mr. R.L. Marwood

Tel: 604-384-4191

Fax: 604-381-1143

YEAR ESTABLISHED: 1964

EXPORT SALES: \$150,000

TOTAL SALES: \$600,000

AVERAGE # OF EMPLOYEES: 6

RATIO COMMERCIAL/DEFENCE: 100/0

KEYWORDS:

Computer Aided Design and Drafting (CADD) Systems and Training; Marine Legal Consultancy; Reliability and Safety Assurance; Marine Consultants and Engineers; Marine Maintenance Systems; Marine Surveys; Naval Architects; Project/Program Management; Natural Gas/Diesel Dual Fuel Propulsion; Owner Representation; Repair and Refit Supervision; Expert Testimony.

CAPABILITIES:

Naval Architects, Marine Engineering and Surveyors, Owners Representation, Classification Society Representation, Construction Supervision and Marine Consultancy, Natural Gas/Diesel Dual Fuel Propulsion.

TARGET MARKET:

Pacific Rim.

**MDS Aero Support
Corporation**

ADDRESS:

1220 Old Innes Rd.
Suite 200
Ottawa, ON, K1B 3V3

CONTACT:

Mr. Gary Roberts

Tel: 613-744-7257

Fax: 613-744-8016

YEAR ESTABLISHED: 1985

AVERAGE # OF EMPLOYEES: 100

RATIO COMMERCIAL/DEFENCE: 60/40

KEYWORDS:

Test Facilities; Data Acquisition and Control Systems for Engines.

CAPABILITIES:

Design, construction, engineering support, repair and overhaul of gas turbine engine test facilities, thrust frames and engine adapters, data acquisition and processing systems.

TARGET MARKET:

Marine Craft Operators, Marine Engine Manufacturers, Military (Navy).

Métal 7 Inc.

ADDRESS:

285, des Pionniers
P.O. Box 590
Sept-Iles, PQ, G4R 4X9

CONTACT:

Mr. Charles Bigonnesse

Tel: 418-968-5822

Fax: 418-962-4534

YEAR ESTABLISHED: 1973

AVERAGE # OF EMPLOYEES: 50

KEYWORDS:

Repair Work - Metal Spraying; Engine Repairs; Coatings; Liner Coatings; Metalization Thermal Spraying; Fabrication, Custom.

CAPABILITIES:

Métal 7 is a Canadian company founded in 1974. Métal 7 was founded as a machine and metal-working shop to serve the resource industries of Quebec's North Shore. Since 1978, it has evolved into a manufacturer of high technology, high-performance industrial parts. Métal 7 has refined unique thermal spray coating technologies, first utilized in the aerospace industry, and adapted these technologies to greatly increase the useful life of heavy industrial parts which are subject to extreme wear and degradation. The company specializes in the fabrication of high wear resistant industrial parts using thermal spraying technologies and metal and ceramic coatings. It also specialized in burners manufacturing. Typical applications include: engine liners; shafts; shaft sleeves; rollers; bearing housings; pump impellers; exhaust fans; wearplates; valves; screen deck rolls; feeder screws; centrifugers rotors; and industrial burner parts. Services: Flame, wire arc, plasma and hypersonic flame spraying, equipped for in-plant and on-site application. Complete machining and fabrication capabilities. Through its engineering staff, laboratory facilities and ongoing

cooperation with government, universities and Canadian research centres, Métal 7 can offer expertise necessary to solve major wear and deterioration problems on industrial equipment. It has a fully computerized experimental combustion chamber (5 MW).

METOCEAN Data Systems Limited**ADDRESS:**

40 Fielding Ave.
Dartmouth, NS, B3B 1B4

CONTACT:

Mr. Bernard G. Petolas

Tel: 902-468-2505

Fax: 902-468-4442

YEAR ESTABLISHED: 1985

EXPORT SALES: \$4,000,000

TOTAL SALES: \$5,000,000

AVERAGE # OF EMPLOYEES: 35

RATIO COMMERCIAL/DEFENCE: 20/80

KEYWORDS:

Communications Equipment; Oil Spill Control Equipment/Systems; Sonobuoys; Buoys, Meteorological; Data Acquisition Systems; Ice Beacons; Arctic Instruments; Oil Spill Tracking.

CAPABILITIES:

Metocean specializes in the design, development and manufacture of state-of-the-art data acquisition and

telemetry systems for severe environments. Products include a TOGA style drifting buoy, "A" Sonobuoy sized drifting buoy. ARGOS transmitter, Ambient Noise Sensor, Ice Beacon and other instrumentation used for Polar research, meteorology, oceanography, pollution monitoring and defence applications.

TARGET MARKET:

Meteorological and Defence Establishments.

Midwest Power Products

ADDRESS:

1460 Waverly St.
Winnipeg, MB, R3T 0P6

CONTACT:

Mr. Bryan D. Norrie

Tel: 204-452-8244
Fax: 204-452-8144

YEAR ESTABLISHED: 1973

GROSS SALES: \$6,000,000

AVERAGE # OF EMPLOYEES: 20

RATIO COMMERCIAL/DEFENCE: 100/0

KEYWORDS:

Engines - Diesel; Generators - Diesel
Electric.

CAPABILITIES:

Canadian distributor for General Motors Electro-Motive Diesel Division Products, including Electro-Motive Diesel Marine Propulsion Engines (1000 horsepower through 6000 horsepower), Electro-Motive

Diesel Marine Generating Equipment (750 KW through 4450 KW), Electro-Motive Division Direct Current Motors (750 horsepower through 1250 horsepower). Sale of the foregoing equipment, including allied and support componentry offering a single source of system responsibility. After-sale support of G.M./Electro-Motive Diesel Products, including remanufacture of components and assemblies (i.e. Power Packs, Water Pumps, Blowers, etc.) "Hands-On" factory qualified service technicians available for dispatch; Special Tools, Testing Equipment required to diagnose and analyze service difficulties in the field. In-house capabilities to overhaul complete Electro-Motive Diesel Engines, Generators, and Other Components.

TARGET MARKET:

Commercial Ships.

MIL Davie Inc.

ADDRESS:

22 Georges D. Davie St.
Levis, PQ, G6V 6N7

CONTACT:

Mr. Michael G. Ayre

Tel: 418-833-5841
Fax: 418-835-1017

YEAR ESTABLISHED: 1825

EXPORT SALES: \$13,700,0000

GROSS SALES: \$122,300,000

AVERAGE # OF EMPLOYEES: 3,200

KEYWORDS:

Barges; Bulk Carriers; Container Vessels (Panamax Size); Dry Cargo; Ferries; Ice Breakers; Self Loading and/or Unloading; Tankers; Repair Work; Offshore Drill Rigs; Naval Vessels. Exhaust Systems; Fabrication, Custom; Hangars, Helicopter; Hatch Cover Cranes; Hatch Covers; Hatches; Helicopter Landing Decks; Ladders/Stairways; Masts; Pontoons; Pressure Vessels; Rudders; Tanks; Naval Architects.

CAPABILITIES:

Launching capacity up to 80,000 dwt or greater if built in halves and joined afloat. Construction Berths up to 300m. Ship Repairs and conversions of up to 364m in length and 36.57m in width. Specialized plate and welding fabrication for hydroelectric, nuclear, oil, gas, petrochemical, pulp and paper, steel, mining, research and transportation industries. Custom-designed equipment and machinery. MIL Davie is developing technology for the manufacturing of submarine class, HY100 type steels in Canada using Robotics for welding of the steels and for the development of welding processes and procedures.

TARGET MARKET:

The International Market.

**MIL Systems Engineering
Inc. (MSEI)****ADDRESS:**

700-1600 Carling Ave.
Ottawa, ON, K1Z 8R7

CONTACT:

Mr. J.R. Williams

Tel: 613-722-2247

Fax: 613-722-3505

YEAR ESTABLISHED: 1949

GROSS SALES: \$20,000,000

AVERAGE # OF EMPLOYEES: 250

RATIO COMMERCIAL/DEFENCE: 25/75

KEYWORDS:

Air Conditioning; Compressors; Condensers; Containers - Environmental Equipment; Coolers; Data Acquisition Systems; Fabrication, Custom; Fans; Filters; Filtration Systems; Fire Dampers; Fire Protection Systems; Fuel Cell Power Plants; Fuel Monitoring and Optimizing Systems; Heat Exchangers; Heating, Ventilation Systems and Air Conditioning; Humidifiers; Instrumentation; Refrigeration Equipment Cargo; Sewage Treatment Systems; Valves and Fittings; Ventilation Systems; Computer Software - Engineering Calculations and Analysis, Project Management and Productivity; Computer-Aided Design and Drafting (CADD) Systems and Training; Control Instrumentation Systems Design; Finite Element Analysis; Human Engineering and MMI Design; Reliability and Safety Assurance; Reliability, Availability and Maintainability; Electronics Weapon Systems Design and Integration; Engineering Dynamics and Mathematical Modelling; Integrated Machinery Control Systems; Training Systems/Programs; Integrated Logistics Systems and Support Analysis (ILS/LSA); Integrated Platform Management Systems; Inventory Control Systems; Marine Consultants and Engineers; Marine Maintenance Systems; Naval Combat and Electronic Systems Management; Naval Damage Control and

Surveillance Systems; Project/Program Management; Propulsion and Power Systems; Set to Work Trial Teams; Systems Engineering; Transportation - Arctic and Otherwise; Underwater Technology; Vibration Analysis and Control.

CAPABILITIES:

Services: Ship Design; Naval Architecture; Marine Systems Engineering Design; Offshore Sub-sea Engineering; Production Engineering Support. Conceptual to Detailed Design using AUTOCAD and Integraph Software. Life Cycle Maintenance Management and Technical Support. Marine Engineering including Propulsion, Auxiliaries; Electronics/Electrical Engineering. Heating Ventilation Air Conditioning and Refrigeration. Advanced Engineering capabilities such as Engineering Dynamics, Finite Element Analysis, Noise Shock Vibration Blast, Mechanical Engineering, Software and Computer Systems Engineering, Simulation/Mathematical Modelling, Human Engineering Analysis and Nuclear Biological Chemical Damage Control. Integrated Logistics Systems to MIL-STD-1388. Material Management Systems, Cataloguing, Data Base Programs. Engineering Analysis such as Equipment Supportability, Maintenance Systems. Logistics Support Analysis Software Distribution. Marine, Combat and Maintenance Management Systems. Technical Writing, Documentation and Publication, Graphics, Training Programs. Program Management to DOD.7000.2, Configuration Management to MIL-STD-483, Planning to MIL-STD-881, Purchasing and Contract Administration. Quality Assurance to AQAP-1.

MILRAIL Inc.

ADDRESS:

1812 Gagnon
Lachine, PQ, H8T 3M6

CONTACT:

Mr. David M. Kufra

Tel: 514-633-8710
Fax: 546-339-9236

YEAR ESTABLISHED: 1990

EXPORT SALES: \$250,000

TOTAL SALES: \$2,000,000

AVERAGE # OF EMPLOYEES: 6

RATIO COMMERCIAL/DEFENCE: 50/50

KEYWORDS:

Batteries; Glands Stuffing Box - Bronze; Insulating Materials; Lights; Signalling Equipment; Valves and Fittings - Bronze; Temporary Floor Protection - Plastic Sheeting (Megafilm); Wire and Cable Low Smoke.

CAPABILITIES:

Electrical Distributor.

TARGET MARKET:

Marine, Transit, Utilities, Commercial (OEM's).

MITEL Corporation

ADDRESS:

350 Leggett Dr.

P.O. Box 13089
Kanata, ON, K2K 1X3

CONTACT:

Mr Gerry Wight

Tel: 613-592-2122
Fax: 613-591-2302

YEAR ESTABLISHED: 1971

EXPORT SALES: \$375,000,000

TOTAL SALES: \$425,000,000

AVERAGE # OF EMPLOYEES: 3,800

RATIO COMMERCIAL/DEFENCE: 93/7

KEYWORDS:

Communications Equipment - Telephones.

CAPABILITIES:

Mitel's Adaptive Systems provide a full range of telephone systems for shipboard use in any line size from 10 to 2,000 telephones. In addition to offering all of the modern features of commercial telephone systems such as calling name display, interfaces to satellite links and cellular telephones these systems are enclosed in marine enclosures to withstand the shock, vibration and salt spray common in a marine environment. Mitel also offers military approved telephone systems for naval combat vessels. With Mitel's worldwide presence, 24 hour support is available at any port in the world.

TARGET MARKET:

Commercial and Naval Vessels requiring internal communications systems.

Modern Marine Vehicles Ltd.

ADDRESS:

9669 - 186 St.
Port Kells
Surrey, BC, V4N 3N8

CONTACT:

Mr. Barry Mann

Tel: 604-888-7977
Fax: 604-888-3045

YEAR ESTABLISHED: 1992

GROSS SALES: \$950,000

AVERAGE # OF EMPLOYEES: 12

RATIO COMMERCIAL/DEFENCE: 20/80

KEYWORDS:

Crew Boats; Fishing Vessels - Aluminum;
Work Boats.

CAPABILITIES:

Manufacturer of Aluminum - Special
purpose Jet Propelled Vessels.

TARGET MARKET:

Oil Abatement - Crew Boats; (Pollution
Control) - General Purpose Work Vessels.

Monarch Industries Ltd.

ADDRESS:

899 Erin St.
P.O. Box 429
Winnipeg, MB, R3C 3E4

CONTACT:

Mr. A.M. Weselake

Tel: 204-786-7921

Fax: 204-889-9120

YEAR ESTABLISHED: 1935

EXPORT SALES: \$12,000,000

TOTAL SALES: \$38,000,000

AVERAGE # OF EMPLOYEES: 375

RATIO COMMERCIAL/DEFENCE: 99/1

KEYWORDS:

Hydraulic Components/Systems; Pumps.

CAPABILITIES:

Manufacturer of Centrifugal Pumps,
Hydraulic Cylinders, Metal Castings
(Foundry), Machined Castings.

**Montreal Tankers Repairs
Inc.**

ADDRESS:

12-625 April St.
Montreal, PQ, H1B 5P6

CONTACT:

Mr. Pierre Boisclair

Tel: 514-640-6313

Fax: 514-640-6325

YEAR ESTABLISHED: 1975

EXPORT SALES: \$1,500,000

TOTAL SALES: \$2,500,000

AVERAGE # OF EMPLOYEES: 35

RATIO COMMERCIAL/DEFENCE: 100/0

KEYWORDS:

Barges; Tankers; Work Boats; Container
Vessels; Oceanographic Vessels; Bulk
Carriers; Tugs; Product Carriers; Ferries;
Ship Repairs - Conversions, Flying Squads,
Voyage Repairs, Tank Cleaning, Sand
Blasting and In Situ Grinding, Precision
Machining, Metal Spraying, Engine Repairs,
Anchor and Chain Repairs, Welding
Services, Repairs Afloat, High Pressure
Water, Re-Engining, Steel Fabrications,
Refits; Boiler Mounting and Controls; Cabin
Fittings; Air Conditioning; Bulkhead Linings;
Containers, Equipment; Heat Exchangers;
Ladders and Stairways; Pollution Control
Equipment; Deck Machinery; Custom
Fabrication; Sewage Treatment Systems;
Masts; Metallization; Fire Dampers;
Gangways; Reservoirs; Pressure Reservoirs;
Bilge Water Separators; Hydraulic
Components and Systems; Fittings; Project
Management and Productivity; Marine
Consultants and Engineers.

CAPABILITIES:

Under-water Repairs; Naval and Marine
Equipment and Machines.

**Montreal Valve Reseating
Ltd.**

ADDRESS:

9130 Park Ave
Montreal, PQ, H2N 1Z2

CONTACT:

Mr. Simon Dellegrazie

Tel: 514-389-7881

Fax: 514-389-0301

YEAR ESTABLISHED: 1947

GROSS SALES: \$2,400,000

RATIO COMMERCIAL/DEFENCE: 60/40

KEYWORDS:

Valves and Fittings - Air Intake Shut-off; Air Starting; Angle; Backflow Prevention; Ball; Ballasting; Boiler Blow Off; Bronze; Butterfly; Bypass (Steam Turbine); Check; Diaphragm Control; Directional Control; Engine Overspeed; Fuel Shut-off; Gate; Globe; Heat Actuated; Hydraulic; Metric; Needle, Piston, Plug; Pneumatic; Pressure; Pressure Reducing; Relief; Safety; Scupper; Seawater (Submarine); Sequencing; Solenoid; Steam; Thermostatic; Trolling; Vent.

CAPABILITIES:

Repair and Overhaul of marine valves, all types, sizes and pressures, all alloys, sales of marine valves, all types, any trim.

MPB Technologies Inc.

ADDRESS:

1725 North Service Rd.
Dorval, PQ, H9P 1J1

CONTACT:

Mr. J.D. Bachynski

Tel: 514-683-1490

Fax: 514-683-1727

YEAR ESTABLISHED: 1976

EXPORT SALES: \$12,000,000

TOTAL SALES: \$20,000,000

AVERAGE # OF EMPLOYEES: 180

RATIO COMMERCIAL/DEFENCE: 75/25

KEYWORDS:

Communications Equipment; Data Acquisition Systems; Radar Antennas; Sensors; Arctic and Marine Research Facilities; Computer Software - Engineering Calculations and Analysis, Project Management and Productivity; Control and Instrumentation Systems Design; Finite Element Analysis; Training Systems/Programs; Electronics and Weapon Systems Design and Integration; Engineering Dynamics and Mathematical Modelling; Underwater Technology; Undersea Fibre Telecommunications; Oil Spill Control Equipment/Systems; EMI and EMC Measurement Services.

CAPABILITIES:

Communications Equipment, Special Radars, Instrumentation, Engineering Design Services, Measurement Services for Electromagnet, Interference and Compatibility.

SPECIAL NOTE:

MPB Technologies was one of the recipients of the 1990 Canada Export Award.

Mustang Survival

ADDRESS:

3810 Jacombs Rd.
Richmond, BC, V6Y 1Y6

CONTACT:

Mr. Bill Walker

Tel: 604-244-6767
Fax: 604-270-0489

YEAR ESTABLISHED: 1967

EXPORT SALES: \$2,000,000

TOTAL SALES: \$20,000,000

AVERAGE # OF EMPLOYEES: 240

RATIO COMMERCIAL/DEFENCE: 70/30

KEYWORDS:

Survival Apparel; Lifejackets; Life Preservers; Flotation Suits.

CAPABILITIES:

Design, manufacture and distribution of marine, aviation, and recreational survival products. Mustang flotation suits, coats, and vests provide protection for a wide range of industrial/government marine users. U.S. and Canadian coast guard approved. High performance inflatable lifejackets, helicopter Nomex Hypothermia protective flight coveralls and survival suits. Used by Canadian and U.S. military, Canadian and U.S. Coast Guards in the most dangerous situations on or over the water.

TARGET MARKET:

Industrial/Commercial Marine.

Nanaimo Shipyard Ltd.

ADDRESS:

1040 Stewart Ave.
Nanaimo, BC, V9S 4C9

CONTACT:

Mr. G.J. Van Wachem

Tel: 604-753-1151
Fax: 604-753-2235

YEAR ESTABLISHED: 1985

EXPORT SALES: \$300,000

TOTAL SALES: \$5,000,000

RATIO COMMERCIAL/DEFENCE: 70/30

KEYWORDS:

Barges; Ferries; Fishing Vessels - Aluminum, Steel; Naval Vessels; Oceanographic Vessels; Offshore Drill Rigs; Supply Vessels; Repair Work - Steam, Compressed Air, Ballast Water, Fresh Water, Acetylene, Oxygen, Conversions, Lengthening, Overhauls, Flying Squads, Underwater Cleaning, Voyage Repairs, Slop Disposal/Reception, Tank Cleaning, Oil Cleaning, Grit/Sand Blasting, In Situ Grinding/Machining, Propeller Repairs, Tank Coating, Precision Machining, LPG/LNG and chemical services, Retrofits, Electrical Repairs, Metal Spraying, Engine Repairs, Hull Repairs, Refurbishing, Anchor and Chain Repairs, Refrigeration, Reactivation, Underwater Repairs, Welding Services, Repairs Afloat, High Pressure Water, Re-Engining, Steel Fabrication, Refits; Parts Locator Service.

CAPABILITIES:

Shipyard Services - Total Refits - Hauling up to 700 ton in Nanaimo. Larger Vessels in

Department of Public Works (DPW) graving dock in Esquimalt. Ship Building up to approximately 100 ft in length. Portable crew for off premises work.

TARGET MARKET:

U.S.A.; Asia; Africa; South America; Central America.

NEI Clarke Chapman Canada

ADDRESS:

1075 North Service Rd., West
Unit 4
Oakville, ON, L6M 2G2

CONTACT:

Mr. Ernest Brook

Tel: 416-847-3755
Fax: 416-847-5142

YEAR ESTABLISHED: 1955

GROSS SALES: \$2,000,000

RATIO COMMERCIAL/DEFENCE: 10/90

KEYWORDS:

Boilers; Capstans; Cargo Handling Equipment; Cranes; Deck Machinery; Desalination Equipment; Helicopter Recover Systems; Hoists; Replenishment-at-Sea Systems; Loading/Unloading Systems; Steering Gear; Valves and Fittings - Air Starting, Globe, Needle, Piston, Plug, Pressure, Relief; Water Purifiers; Winches; Windlasses; Materials Handling Systems.

CAPABILITIES:

Supplier of purpose built mechanical handling equipment to the marine industry

including Ports, Docks, Shipping Companies, Shipbuilding and Ship Repair Companies, Navies, Coast Guards and Offshore Oil and Gas Platforms.

TARGET MARKET:

North America.

Newfoundland Dockyard Corporation

ADDRESS:

P.O. Box 97
St. John's, NF, A1C 5H5

CONTACT:

Mr. M. Apostolidis

Tel: 709-772-3400
Fax: 709-772-3410

YEAR ESTABLISHED: 1884

GROSS SALES: \$5,000,000

AVERAGE # OF EMPLOYEES: 200

RATIO COMMERCIAL/DEFENCE: 95/5

KEYWORDS:

Repair Work - Steam, Compressed Air, Ballast Water, Fresh Water, Acetylene, Oxygen, Conversions, Lengthening, Overhauls, Flying Squads, Underwater Cleaning, Voyage Repairs, Slop Disposal/Reception, Tank Cleaning, Oil Cleaning, Grit/Sand Blasting, In Situ Grinding/Machining, Underwater Surveys, Propeller Repairs, Tank Coating, Precision Machining, LPG/LNG and Chemical Services, Retrofits, Gas Freeing Station, Electrical Repairs, Metal Spraying, Engine

Repairs, Hull Repairs, Refurbishing, Anchor and Chain Repairs, Refrigeration, Reactivation, Underwater Repairs, Welding Services, Repairs Afloat, High Pressure Water, Re-Engining, Steel Fabrication, Refits; Fabrication, Custom.

CAPABILITIES:

Graving dock can handle vessels of 173 m (570 ft.) in length and 21 m (70 ft.) beam. Syncrolift can handle 4,000 tonnes and up to 91 m (300 ft.): Side transfer system allows up to 7 vessels to be accommodated simultaneously with utmost speed and efficiency.

TARGET MARKET:

Atlantic Canada.

Newtech Instruments Ltd.

ADDRESS:

63 Thorburn Rd.
P.O. Box 13635, Station "A"
St. John's, NF, A1B 4G1

CONTACT:

Mr. J.H. Clarke

Tel: 709-576-6666
Fax: 709-576-7635

YEAR ESTABLISHED: 1986

EXPORT SALES: \$2,000,000

TOTAL SALES: \$7,000,000

AVERAGE # OF EMPLOYEES: 48

RATIO COMMERCIAL/DEFENCE: 75/25

KEYWORDS:

Electrical/Electronic Components and Systems; Ocean Current Profiling Systems; Printed Circuit Board Populating.

CAPABILITIES:

Cable Assemblies; Wire Harnesses; Low Pressure Moulding.

TARGET MARKET:

Telecommunications, Marine and Defence Industries.

Niedner Ltd.

ADDRESS:

675 Merrill St.
P.O. Box 20
Coaticook, PQ, J1A 2S8

CONTACT:

Mr. M. Boucher

Tel: 819-849-2751
Fax: 819-849-7539

YEAR ESTABLISHED: 1895

EXPORT SALES: \$7,800,000

TOTAL SALES: \$12,000,000

AVERAGE # OF EMPLOYEES: 85

RATIO COMMERCIAL/DEFENCE: 95/5

KEYWORDS:

Fittings, Hose; Pumps.

CAPABILITIES:

Hose and Pumps for Municipal, Industrial and Forestry Fire Fighting.

TARGET MARKET:

Layflat Water Distribution Hose.

North Sydney Marine Railway Inc.**ADDRESS:**

255 Commercial St.
P.O. Box 130
North Sydney, NS, B2A 1B5

CONTACT:

Mr. Mark Nickerson

Tel: 902-794-8810
Fax: 902-794-2620

YEAR ESTABLISHED: 1910

AVERAGE # OF EMPLOYEES: 25

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Dry Docks; Ferries; Fishing Vessels - Aluminum, Steel; Ice Breakers; Supply Vessels; Tugs; Work Boats; Repair Work - Ballast Water, Fresh Water, Acetylene, Oxygen, Conversions, Overhauls, Voyage Repairs, Tank Cleaning, Grit/Sand Blasting, Underwater Surveys, Propeller Repairs, Tank Coating; Precision Machining; Retrofits; Gas Freeing Station; Electrical Repairs; Metal Spraying; Engine Repairs; Hull Repairs; Refurbishing; Anchor and Chain Repairs; Underwater Repairs; Welding Services; Repairs Afloat; High Pressure

Water; Re-Engining; Steel Fabrication; Refits; Fabrication, Custom; Gangways; Gaskets; Ladders/Stairways.

CAPABILITIES:

Vessel Construction; Conversions; Repairs; Competitive Rates; 24 hr. Service, 7 days per week; Steel, Fibreglass and Wooden Hull Repairs; Engine and Electrical Repairs; Serviced Wharf; Dock Side Repairs; Machine Shop; Flexible Scheduling; Metal Fabrication - Steel, Stainless Steel, Aluminum; Underwater Cutting; Sand Blasting; Spray Painting.

Offshore Systems Ltd.**ADDRESS:**

107-930 West First St.
North Vancouver, BC, V7P 3N4

CONTACT:

Mr. Ken Deering

Tel: 604-986-4440
Fax: 604-987-2555

YEAR ESTABLISHED: 1977

EXPORT SALES: \$1,000,000

TOTAL SALES: \$4,000,000

AVERAGE # OF EMPLOYEES: 40

RATIO COMMERCIAL/DEFENCE: 50/50

KEYWORDS:

Navigation Aids; Control Systems - Navigation and Steering; Electrical/Electronic Components; Electronic Navigation/Charting Systems.

CAPABILITIES:

OSL manufactures electronic chart display and information systems (ECDIS), electronic charts, and chart database for precise positioning and navigation. OSL's latest ECDIS is ECPINS, a highly flexible, operator-selectable display, with layered vectorized charts, radar overlay, and target tracking capability. Besides manufacturing ECPINS, OSL also does specialized software development for maritime and naval needs. OSL has also provided six Sidescan Sonar systems to the Canadian Navy. Other products include a radar positioning system (RANAV) for use in coastal waters and narrow channels. RANAV is currently in use off the coast of Newfoundland.

TARGET MARKET:

Shipping Companies.

Olympic Gear & Mfg. Inc.**ADDRESS:**

270 Orenda Rd.
Bramalea, ON, L6T 4X6

CONTACT:

Mr. Brian Myers

Tel: 416-450-6999
Fax: 416-450-8282

YEAR ESTABLISHED: 1975

EXPORT SALES: \$3,200,000

TOTAL SALES: \$4,500,000

AVERAGE # OF EMPLOYEES: 50

RATIO COMMERCIAL/DEFENCE: 50/50

KEYWORDS:

Precision Machining; Engine Repairs; Refurbishing; Bronze Fittings; Cranes; Drives; Gear Reducer; Gears, Other; Gears, Propulsion; Speed Reducers; Steering Gear; Winch Gearing; Transmissions; Brake Components.

TARGET MARKET:

Northern U.S. States, Canada.

Osborne Propellers Ltd.**ADDRESS:**

1865 Spicer Rd.
North Vancouver, BC, V7H 1A1

CONTACT:

Mr. Robert A. Osborne

Tel: 604-929-8407
Fax: 604-929-7121

YEAR ESTABLISHED: 1935

AVERAGE # OF EMPLOYEES: 23

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Propeller Repairs; Bow Thrusters; Castings; Propellers; Propeller Nozzles; Rudders; Shafts; Stern Tubes; Struts; Stuffing Boxes; Thruster Units.

CAPABILITIES:

Osborne's shop carries full facilities in the Foundry, Machine Shop and Finishing Departments. The company manufactures castings and propellers in Superston (CDA957), Nibral (CDA958) and

Manganese Bronze from 7" Diameter to 110" Diameter in 2,3,4 and 5 blades. Specializes in propeller applications for Catamaran and Arneson Drive units, and service all the large Ferries on the West Coast, Towboats, Fishing Boats, pleasure boats and ice-breakers from the arctic. Normal repairs range from the smallest to approximately 10 ft. in diameter, including repairs in situation on Cruise ships to Alaska in the 17 to 21 ft.

TARGET MARKET:

We have supplied propellers to U.S.A, Mexico, Australia, Senegal, South America and Italy.

Paramax Systems Canada

ADDRESS:

6111 Royalmount Ave.
Montreal, PQ, H4P 1K6

CONTACT:

Mr. Paul Manson

Tel: 514-340-8310
Fax: 514-340-8448

KEYWORDS:

Weapon Systems; Computer Software; Human Engineering and MMI Design; Industrial Benefit Management; Reliability, Availability and Maintainability (RAM); Electronics and Weapons Systems Design and Interpretation; Naval Combat and Electronic Systems Management; Project/Program Management; Set to Work Trials Management; Systems Engineering.

CAPABILITIES:

Paramax, is Canada's foremost specialist in

electronic systems management, the science of designing, automating, integrating, testing, installing and supporting large, complex electronic systems. Paramax is responsible for the integration of all electronic control systems - sensors, weapons, internal and external communications - on the 12 ships of the Canadian Patrol Frigate project. The company's expertise in the field of electronic systems management will be of vital importance in its role as Avionics Systems integrator on the New Shipborne Aircraft (NSA) project in which the company has teamed with European Helicopter Industries (EHI) (Canada) to supply 50 EH-101 multi-role and Search and Rescue to the Canadian Armed Forces.

TARGET MARKET:

The company is actively pursuing defence and civil projects both in Canada and around the world.

Patlon Industries Ltd.

ADDRESS:

5502 Timberlea Blvd.
Mississauga, ON, L4W 2T7

CONTACT:

Mr. Patrick Mann

Tel: 416-624-5572
Fax: 416-624-0975

YEAR ESTABLISHED: 1953

AVERAGE # OF EMPLOYEES: 21

RATIO COMMERCIAL/DEFENCE: 40/60

KEYWORDS:

Bearings; Lights; Seals; Sound Proofing Mounts; Expansion Joints; Flexible Connections; Suction Entries.

CAPABILITIES:

Patlon is an engineering sales organization whose expertise is dealing with design engineers and procurement departments getting the products of the companies it represents specified at the design stage.

TARGET MARKET:

Defence, Marine, Transportation, Aerospace.

Peacock Inc.

ADDRESS:

8600 St Patrick St.
Lasalle, PQ, H8N 1V1

CONTACT:

Mr. Bernard Hébert

Tel: 514-366-5900
Fax: 514-366-2067

YEAR ESTABLISHED: 1897

GROSS SALES: \$60,000,000

AVERAGE # OF EMPLOYEES: 600

RATIO COMMERCIAL/DEFENCE: 85/15

KEYWORDS:

Repair Work; Flying Squads; In Situ Grinding/Machining; Precision Machining; Metal Spraying; Refurbishing; Bearings;

Bow Thrusters; Desalination Equipment; Filters; Metallization; Oil Purifiers; Pumps; Thruster Units; Valves and Fittings Relief; Safety, Steam.

CAPABILITIES:

Peacock Inc. supplies products covering filtration, instrumentation, dry material handling and steamplant processes. We also provide repair and refurbish service for rotating equipment.

TARGET MARKET:

Repair of propulsion equipment and the supply of ship sets of pumping equipment.

Peter S. Hatfield Ltd.

ADDRESS:

611 Alexander St.
Suite 412
Vancouver, BC, V6A 1E1

CONTACT:

Mr. Peter S. Hatfield

Tel: 604-253-0955
Fax: 604-253-5023

YEAR ESTABLISHED: 1973

EXPORT SALES: \$50,000

GROSS SALES: \$500,000

AVERAGE # OF EMPLOYEES: 8

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Certification and Classification; Computer Software; Computer Based Training;

Computer Propeller; Calculations and Analysis; Engineering Calculations and Analysis; Computer-Aided Design and Drafting (CADD) Systems and Training; Finite Element Analysis; Marine Legal Consultancy; Model Testing; Marine Consultants and Engineers; Marine Surveys; Materials Handling Systems; Naval Architects; Ocean Engineering; Project/Program Management; Propeller Calculations, Drawings and Performance Curves; Propulsion and Power Systems; Systems Engineering; Transportation-Arctic and Otherwise; Underwater Technology; Vibration Analysis and Control.

CAPABILITIES:

Designers and Marine Consultants of Projects related to the marine environment: marine transportation, ocean engineering, resource exploration and extraction activities, fishing and fisheries services. Company experience includes preparation of conceptual, preliminary and contract level new designs or conversions of existing equipment; investigations, studies and reports concerning structures, propulsion, stability, traffic and cargo flow patterns, construction cost estimates and operational aspects of all types of marine equipment. Vessels include tug boats and supply boats, over the full range of size and power, for harbour, coastal, ocean and specialty ice strengthened service. Fishing vessels of all types, sizes and catch carrying and preservation have also been constructed to company designs. Barges include a wide variety and size range of cargo carriers such as rail car, bulk chemical, bulk distillate and heavy oil, limerock, aggregate, log and lumber carriers. Recent projects include ice reinforced tugs and deck cargo/tank barges for the Alaskan North Slope, and participation in the Polar 8 Icebreaker design project for Canadian Coast Guard. Specialized projects have included mooring forces and wave motions, assistance for design of floatation,

seakeeping, towing, set-down and stability for drilling island caissons and monocone Arctic drilling structures. Computer and model testing aids to detail engineering design and in-depth studies are routinely used.

TARGET MARKET:

Worldwide.

Plad Equipment Ltd.

ADDRESS:

2315 Halpern St.
St. Laurent, PQ, H4S 1S3

CONTACT:

Mr. Francoys Canty

Tel: 514-337-0224
Fax: 514-337-1541

YEAR ESTABLISHED: 1959

EXPORT SALES: \$1,000,000

GROSS SALES: \$12,000,000

AVERAGE # OF EMPLOYEES: 60

RATIO COMMERCIAL/DEFENCE: 94/6

KEYWORDS:

Cargo Handling Equipment; Compressors; Pumps.

CAPABILITIES:

Manufacturers and Distributors of pumps and compressors. Complete repair, rebuild, and packaging of most types of pumps and compressors. Testing to LRS and ABS.

TARGET MARKET:

All.

Poseidon Marine Consultants Ltd.

ADDRESS:

323 Kenmount Rd.
P.O. Box 13545, Station "A"
St. John's, NF, A1B 3P9

CONTACT:

Mr. Bill Maybee

Tel: 709-739-4321
Fax: 709-739-4421

YEAR ESTABLISHED: 1987

EXPORT SALES: \$50,000

GROSS SALES: \$250,000

AVERAGE # OF EMPLOYEES: 4

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Certification and Classification; Computer Software; Computer-Aided Design and Drafting (CADD) Systems and Training; Control and Instrumentation Systems Design; Marine Legal Consultancy; Model Testing; Parts Locator Service; Integrated Machinery Control Systems; Integrated Logistics Systems and Support Analysis (ILS/LSA); Inventory Control Systems; Marine Consultants and Engineers; Marine Maintenance Systems; Marine Surveys; Naval Architects; Naval Damage Control and Surveillance Systems; Ocean Engineering; Project/Program

Management; Propeller Calculations, Drawings and Performance Curves; Propulsion and Power Systems; Systems Engineering; Vibration Analysis and Control.

CAPABILITIES:

Naval Architects Marine Engineers and Marine Surveyors.

TARGET MARKET:

South America (Chile).

Pratt & Whitney Canada Inc.

ADDRESS:

1000 Marie-Victorin
Longueuil, PQ, J4G 1A1

CONTACT:

Mr. L.D. Caplan

Tel: 514-677-9411
Fax: 514-442-7298

YEAR ESTABLISHED: 1928

KEYWORDS:

Engines; Gas Turbine; Gas Turbine Electric; Generators; Gas Turbine Electric; Propulsion and Power Systems.

CAPABILITIES:

ST6 Marine Gas Turbines 500-2,000 SHP; SPW 100 Marine Gas Turbines 2,000 to 3,000 SHP; Marine Propulsion Systems; Marine and Offshore Generating Sets, 400 KW to 26,000 KW; Marine and Offshore Compressor Sets, 500 to 35,000 HP. Overhaul, repair and test of ST6, FT4, FT8, and FT12 gas turbines, Engineering and

supply of marine and industrial packaged power systems; Management of high technology ship power systems programs; Research, Design, Development, Manufacture, Overhaul, Repair and Testing of PT6, JT15D and PW1000 general aviation turboshaft and turbofan engines.

SPECIAL NOTE:

Pratt & Whitney Canada Inc. was one of the recipients of the 1992 Canada Export Award.

Prime Mover Controls Inc.

ADDRESS:

3600 Gilmore Way
Burnaby, BC, V5G 4R8

CONTACT:

Mr. Robert Vit

Tel: 604-433-4644
Fax: 604-433-5570

YEAR ESTABLISHED: 1970

EXPORT SALES: \$500,000

GROSS SALES: \$3,000,000

AVERAGE # OF EMPLOYEES: 25

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Alarm Systems; Consoles; Control Systems, Propulsion; Data Acquisition Systems; Electrical/Electronic Components and Systems - Annunciator Systems, Automation Systems, Consoles/Bridge and Engine Room; Valves and Fittings - Bronze, Bypass (Steam Turbine), Check, Diaphragm

Control, Directional Control, Gate, Hydraulic, Needle, Piston, Plug, Pneumatic, Sequencing, Solenoid.

CAPABILITIES:

Manufacturer of Marine Propulsion Controls and Systems including: Control Consoles, Fixed and CP Propeller Controls, Telegraphs, Alarms, Navigation Light Control Panels, Tachometers and Pneumatic Valves.

TARGET MARKET:

Marine Industry World Wide.

Promaxis Systems Inc.

ADDRESS:

2385 St. Laurent Blvd.
Ottawa, ON, K1G 4J3

CONTACT:

Mr. Jim Beer

Tel: 613-737-2112
Fax: 613-737-0229

YEAR ESTABLISHED: 1971

GROSS SALES: \$10,000,000

AVERAGE # OF EMPLOYEES: 110

RATIO COMMERCIAL/DEFENCE: 5/95

KEYWORDS:

Integrated Logistics Systems and Support Analysis (ILS/LSA); Project/Program Management; Hardware/Software Design Development.

CAPABILITIES:

Since 1971, PROMAXIS Systems Inc. has employed experienced and dedicated people to deliver high quality, cost effective products and services. The focus of PROMAXIS is on engineering hardware and software design and development and on applied logistics from system life-cycle management to technical publications, training and translation services meeting government specifications. The Company also maintains a strong capability in program management, involving multiple disciplines, multiple contractors and the integration of a variety of system components. PROMAXIS actively markets their capabilities within the Canadian Department of National Defence, other government agencies and the private sector.

Pylon Atlantic Inc.**ADDRESS:**

473A Windmill Rd.
P.O. Box 1286
Dartmouth, NS, B2Y 4B9

CONTACT:

Mr. George Hemming

Tel: 902-468-3344
Fax: 902-468-1203

YEAR ESTABLISHED: 1965

GROSS SALES: \$3,000,000

AVERAGE # OF EMPLOYEES: 50

RATIO COMMERCIAL/DEFENCE: 50/50

KEYWORDS:

Electrical/Electronic Components - Consoles; Bridge and Engine Room, Switchboards; Instrumentation; Sonar Equipment and Systems; Control and Instrumentation Systems Design.

CAPABILITIES:

Pylon is Atlantic Canada's single leading source for the calibration, repair, preventative maintenance, design, manufacture, and supply of precision test and control equipment. Services: Calibration, Repair and Maintenance Service; Custom Precision Manufacturing; Pylon Quality Assurance Standards and Procedures;

TARGET MARKET:

Europe and Asia.

Racan Industries Inc.**ADDRESS:**

3737 Lite Blvd.
Laval, PQ, H7E 4X8

CONTACT:

Mr. R. Gledhill

Tel: 514-324-5050
Fax: 514-661-1932

YEAR ESTABLISHED: 1970

EXPORT SALES: \$1,000,000

GROSS SALES: \$19,000,000

AVERAGE # OF EMPLOYEES: 80

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Enclosures Engine - Acoustical; Exhaust Systems; Fabrication, Custom; Fans; Filters; Filtration Systems; Heating, Ventilation Systems, and Air Conditioning; Humidifiers; Silencers; Sound Proofing.

CAPABILITIES:

Racan Industries has supplied the marine industry with custom ductwork and acoustical products for over 20 years. Its engineering and production facilities are fully automated. Racan is also a leader in the field of vibration and noise control.

TARGET MARKET:

U.S.A.

Raytheon Canada Limited

ADDRESS:

400 Phillip St.
P.O. Box 1619
Waterloo, ON, N2J 4K6

CONTACT:

Mr. M. Vyas

Tel: 519-885-0110
Fax: 519-885-1178

YEAR ESTABLISHED: 1956

EXPORT SALES: \$30,000,000

GROSS SALES: \$45,000,000

AVERAGE # OF EMPLOYEES: 300

RATIO COMMERCIAL/DEFENCE: 25/75

KEYWORDS:

Radar Systems - Navigation/Surveillance; Vessel Traffic Management Systems (VTMS); Project/Program Management.

CAPABILITIES:

Vessel Traffic Management Radar and Display Systems.

TARGET MARKET:

Caribbean, Middle East, Far East, South America.

Rivtow Marine Ltd.

ADDRESS:

2285 Commissioner St.
P.O. Box 3650
Vancouver, BC, V6B 3Y8

CONTACT:

Mr. Terry Malcolm

Tel: 604-255-1133
Fax: 604-251-0213

YEAR ESTABLISHED: 1939

EXPORT SALES: \$5,000,000

GROSS SALES: \$80,000,000

AVERAGE # OF EMPLOYEES: 500

RATIO COMMERCIAL/DEFENCE: 98/2

KEYWORDS:

Bulkheads, Linings; Buoys; Doors, Hangars, Marine; Doors, Marine; Fabrication, Custom; Fire Protection Systems; Hatch

Covers; Hatches; Lifeboats; Oil Spill Recovery; Propeller Nozzles.

CAPABILITIES:

Rivtow Marine Fleet has an insured value in excess of \$ 130,000,000. It includes 45 tugs, 70 barges and 35 boom boats.

Rivtow also own and utilize a number of other specialty vessels and pieces of equipment. In addition to marine services, the company is involved in the manufacturing sector, owning and operating a ready-mix concrete plant and an industrial fabrication facility in the Vancouver area.

Robert Allan Ltd.

ADDRESS:

1690 West 2nd Ave.
Vancouver, BC, V6J 1H4

CONTACT:

Mr. Robert G. Allan

Tel: 604-736-9466

Fax: 604-736-9483

YEAR ESTABLISHED: 1930

AVERAGE # OF EMPLOYEES: 12

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Engineering Calculations and Analysis;
Computer-Aided Design and Drafting
(CADD) Systems and Training; Finite
Element Analysis; Marine Legal
Consultancy; Model Testing; Marine
Consultants and Engineers; Marine Surveys;
Naval Architects; Ocean Engineering;
Project/Program Management; Propeller

Calculations, Drawings and Performance
Curves; Propulsion and Power Systems;
Systems Engineering; Transportation-Arctic
and Otherwise; Underwater Technology;
Vibration Analysis and Control.

CAPABILITIES:

Robert Allan Ltd. offers professional design and consulting services in all aspects of Naval Architecture, Marine Engineering and Marine Transportation studies. The range of capabilities extends from conceptual design studies or economic evaluations to complete N/C cutting part definition. All aspects of design work are fully computer based. Significant design expertise is offered in tug and barge transportation, ship assist tugs, research vessels, ice-breaking vessels, navigational aids vessels, and fast patrol craft. Standard designs are offered for high performance patrol vessels including 15, 18 and 20 metre patrol catamarans and 12 to 30 metre monohulls in speed ranges from 25 to 50 knots.

TARGET MARKET:

S.E. Asia, Central and South America,
U.S.A. China.

**Rotech International
Industries Inc.**

ADDRESS:

115 Saramia Cr.
Concord, ON, L4K 3Z8

CONTACT:

Mr. Richard E. Sherwood

Tel: 416-660-9998

Fax: 416-660-9987

YEAR ESTABLISHED: 1990

EXPORT SALES: \$120,000

GROSS SALES: \$500,000

AVERAGE # OF EMPLOYEES: 9

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Boat Fenders; Life Preservers; Life Jackets; Containers, Environmental Equipment.

CAPABILITIES:

Products include: Life-Ring Buoys CCG Approved, SOLAS 74/83; Air Filled Boat Fenders, All Sizes; Air Filled Dock Corners; Life Jackets, SOLAS 74/83.

TARGET MARKET:

Domestic and Overseas.

RSI Research Ltd.

ADDRESS:

10-10114 McDonald Park Rd.
Sidney, BC, V8L 3X9

CONTACT:

Mr. Jack Wilson

Tel: 604-656-0101
Fax: 604-656-1161

YEAR ESTABLISHED: 1988

EXPORT SALES: \$1,200,000

GROSS SALES: \$1,500,000

AVERAGE # OF EMPLOYEES: 18

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Remote Systems; Control Systems, Propulsion; Hydraulic Components/Systems; Oil Spill Control Equipment/Systems; Sensors; Computer Software - Engineering Calculations and Analysis, Project Management and Productivity; Control and Instrumentation Systems Design; Electronics and Weapon Systems Design and Integration; Engineering Dynamics and Mathematical Modelling; Integrated Machinery Control Systems; Materials Handling Systems; Project/Program Management; Propulsion and Power Systems; Systems Engineering; Underwater Technology; Robotics and Remote Systems; Remotely Operated Vehicles; Remote Manipulators; Sub-sea Tools; Underwater Inspection Systems.

CAPABILITIES:

RSI specializes in remote work systems and intelligent machine controls, for use in hazardous and unstructured environments. Products include manipulators, remote sub-sea tools, camera mounts and controls, multiaxis joysticks, LCROV's and underwater inspection systems, and computer based machine controls.

TARGET MARKET:

Subsea, Oil and Gas, Scientific Defence.

S.H.M. Marine International Inc.

ADDRESS:

206-1001 Cloverdale Ave.
Victoria, BC, V8X 4C9

CONTACT:

Mr. Murdo D. Smith

Tel: 604-386-3833

Fax: 604-386-2766

YEAR ESTABLISHED: 1980

EXPORT SALES: \$70,000

GROSS SALES: \$700,000

AVERAGE # OF EMPLOYEES: 10

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Marine Consultants and Engineers; Marine Surveys; Naval Architects; Project/Program Management; Propulsion and Power Systems; Systems Engineering; Vibration Analysis and Control.

CAPABILITIES:

Naval Architects; Marine Engineers; Marine Surveyors; Ship Appraisals; Ship Designs; Specifications; Project Management and Overseeing Construction; Specialized Knowledge of Automobile and Passenger Ferries and Commuter Ferries; Vibration Analysis for Maintenance Planning and Trouble Shooting.

Saint John Shipbuilding Ltd.

ADDRESS:

300 Union St.
P.O. Box 5111
Saint John, NB, E2L 4L4

CONTACT:

Mr. V.R. Emery

Tel: 506-632-5939

Fax: 506-632-5912

YEAR ESTABLISHED: 1923

GROSS SALES: \$500,000

AVERAGE # OF EMPLOYEES: 3,000

KEYWORDS:

Barges; Bulk Carriers; Container Vessels (Panamax Size); Crew Boats; Dry Cargo; Dry Docks; Ferries; Fishing Vessels; Ice Breakers; Naval Vessels; Oceanographic Vessels; Offshore Drill Rigs; Oil/Gas Production Platforms; Patrol Craft; Product Carriers; Self Loading and/or Unloading; Semi-Submersibles; Submarines/Submersibles; Supply Vessels; Tankers; Tugs; Work Boats; Repair Work - Steam, Compressed Air, Ballast Water, Fresh Water, Acetylene, Oxygen, Conversions, Lengthening, Overhauls, Grit/Sand Blasting, In Situ Grinding/Machining, Underwater Surveys, Offshore and Semi-Submersible, Tank Coating, Precision Machining, Retrofits, Electrical Repairs, Engine Repairs, Hull Repairs, Refurbishing, Refrigeration, Reactivation, Underwater Repairs, Welding Services, Repairs Afloat, High Pressure Water, Re-Engining, Steel Fabrication, Refits; Computer Software - Engineering Calculations and Analysis, Project Management and Productivity; Control and Instrumentation System Design; Educational Programs; Finite Element Analysis; Government/Industry Relations; Human Engineering and MMI Design; Industrial Benefit Management; Marine Legal Consultancy; Parts Locator Service; Reliability, Availability and Maintainability (RAM); Training Systems/Programs; Electronics and Weapon Systems Design and Integration; Engineering Dynamics and Mathematical Modelling; Integrated Machinery Control Systems; Integrated Logistics Systems and Support Analysis

(ILS/LSA); Integrated Platform Management Systems; Inventory Control Systems; Marine Consultants and Engineers; Marine Maintenance Systems; Marine Surveys; Materials Handling Systems; Naval Architects; Naval Combat and Electronic Systems Management; Naval Damage Control and Surveillance Systems; Project/Program Management; Propeller Calculations, Drawings and Performance Curves; Propulsion and Power Systems; Set to Work Trials Teams; Systems Engineering; Transportation - Arctic and Otherwise; Vibration Analysis and Control.

CAPABILITIES:

Saint John Shipbuilding Limited's facility occupies 28 hectares in the harbour of Saint John, NB. The deep water, ice-free approaches provide unrestricted year-round access. SJSL's modern facility is capable of building vessels up to 100,000 dwt. Utilizing modular construction methods units of up to 500 tonnes can be constructed under cover then transported to the graving docks. SJSL produces a variety of vessels including: frigates, replenishment vessels, multi-purpose vessels, patrol boats, tankers, bulk carriers, ferries, supply boats, drill rigs as well as complex structures for the industrial and offshore sectors. Services provided includes design and engineering, program management, quality assurance, calibration services and integrated logistic support.

TARGET MARKET:

World Wide.

Sandwell Inc.

ADDRESS:

666 Burrard St.
Suite 1666
Vancouver, BC, V6C 2X8

CONTACT:

Mr. Patrick Hill

Tel: 604-684-0055
Fax: 604-684-7533

YEAR ESTABLISHED: 1925

GROSS SALES: \$109,600,000

KEYWORDS:

Engineering Dynamics and Mathematical Modelling; Ice Engineering; Integrated Machinery Control Systems; Marine Consultants and Engineers; Marine Surveys; Materials Handling; Ocean Engineering; Project/Program Management; Propulsion and Power Systems; Systems Engineering; Transportation - Arctic and Otherwise.

CAPABILITIES:

Sandwell Inc. is a technology management company active in Consulting Engineering, Software Systems Integration and Management Consulting. Sandwell serves industry and government worldwide in a wide range of sectors and is particularly recognized for expertise in port facilities, materials handling systems and offshore structures.

Sea Link Ltd.

ADDRESS:

P.O. Box 5754
St. John's, NF, A1C 5X3

CONTACT:

Mr. Nils Helle

Tel: 709-334-2405
Fax: 709-334-3414

YEAR ESTABLISHED: 1986

EXPORT SALES: \$650,000

GROSS SALES: \$1,300,000

AVERAGE # OF EMPLOYEES: 18

RATIO COMMERCIAL/DEFENCE: 100/0

KEYWORDS:

Communications Equipment;
Communications, Ship; Vessel Traffic
Management Systems (VTMS).

CAPABILITIES:

Marine and Aeronautical Communications
Services; Coastal Radio Station (HF).

TARGET MARKET:

U.S., Europe, Asia, Africa, Latin America.

Sea Marine Ltd.

ADDRESS:

9891 Seacastle Dr.
Richmond, BC, V7A 4R2

CONTACT:

Mr. Jeremy W. Bryce

Tel: 604-271-8163
Fax: 604-271-8163

YEAR ESTABLISHED: 1977

EXPORT SALES: \$20,000

GROSS SALES: \$175,000

AVERAGE # OF EMPLOYEES: 2

RATIO COMMERCIAL/DEFENCE: 99/1

KEYWORDS:

Electrical/Electronic Components and
Systems.

CAPABILITIES:

Manufactures Navigation Light Panels,
Alarm Panels and DC and AC Switchboards
and Distribution Panels for small (up to 80
metres) vessels. Equipment is
manufactured to Canadian Coast Guard
Standards. Navigation Light Panels are
suitable for all size vessels and all voltage.

Sea-Tec Fabricators Ltd.

ADDRESS:

12220-2nd Ave.
Richmond, BC, V7L 3L8

CONTACT:

Mr. Frank Lyth

Tel: 604-271-7422
Fax: 604-271-7433

YEAR ESTABLISHED: 1976

GROSS SALES: \$750,000

AVERAGE # OF EMPLOYEES: 10

RATIO COMMERCIAL/DEFENCE: 100/0

KEYWORDS:

Hydraulic Components/Systems; Deck Machinery; Fabrication, Custom; Fittings, Hose.

CAPABILITIES:

Sea-Tec manufactures commercial fishing gear for fishing vessels ranging from 50-100 ft. in length built to the customers specifications. Sea-Tec also designs and installs complete hydraulic systems for vessels of this size.

TARGET MARKET:

Commercial.

Securiplex Technologies Inc.

ADDRESS:

549 Meloche Ave.
Dorval, PQ, H9P 2W2

CONTACT:

Mr. Victor Gameiro

Tel: 514-633-1000
Fax: 514-633-8338

YEAR ESTABLISHED: 1979

EXPORT SALES: \$11,000,000

GROSS SALES: \$24,000,000

AVERAGE # OF EMPLOYEES: 150

RATIO COMMERCIAL/DEFENCE: 50/50

KEYWORDS:

Fire Protection Systems; Integrated Machinery, Control Systems; Naval Damage Control and Surveillance Systems.

CAPABILITIES:

Securiplex Technologies Inc. is engaged in the design, manufacture and integration of sophisticated Fire Protection Systems for commercial, industrial, and Government clients worldwide.

TARGET MARKET:

Commercial, Industrial, Military, Fire protection.

SED Systems Inc.

ADDRESS:

18 Innovation Blvd.
P.O. Box 1464
Saskatoon, SK, S7K 3P7

CONTACT:

Mr. Robert D. Herbert

Tel: 306-931-3425
Fax: 306-933-1486

YEAR ESTABLISHED: 1965

EXPORT SALES: \$13,000,000

GROSS SALES: \$26,000,000

AVERAGE # OF EMPLOYEES: 280

RATIO COMMERCIAL/DEFENCE: 75/25

KEYWORDS:

Command and Control Systems;
Communications Equipment;
Communications, Ship.

CAPABILITIES:

SED Systems designed, integrated, qualified and delivered all the exterior and miscellaneous interior communication systems for the Canadian Patrol Frigate Program. Each system consists of approximately \$ 11M of electronic hardware mounted in 24 six-foot racks, four cabinets and six consoles. There are approximately 50,000 lines of code for the communication control and management system functions. The system operates in VHF, HF, UHF and satellite communication bands, and includes encryption devices.

Seimac Ltd.

ADDRESS:

271 Brownlow Ave.
Dartmouth, NS, B3B 1W6

CONTACT:

Ms. Jennifer Steeves

Tel: 902-468-3007
Fax: 902-468-3009

YEAR ESTABLISHED: 1975

EXPORT SALES: \$330,000

GROSS SALES: \$2,200,000

AVERAGE # OF EMPLOYEES: 33

RATIO COMMERCIAL/DEFENCE: 40/60

KEYWORDS:

Buoys; Communications Equipment; Data Acquisition Systems; Computer Software - Engineering Calculations and Analysis; Computer-Aided Design and Drafting (CADD) Systems and Training; Control and Instrumentation Systems Design; Electronics and Weapon Systems Design and Integration; Ocean Engineering; Underwater Technology; Acoustic Range Prediction System; Contact Motion Analysis; Ship Motion Sensing System; Environmental Monitoring Equipment.

CAPABILITIES:

Seimac Ltd., founded in 1975, has a professional staff of over 30, offering full environmental support services. We offer expertise in Instrumentation, Software and Meteorology. Our products and capabilities have evolved from a solid platform of science and user interaction, with emphasis on marine environmental sciences. Our mission is "to provide quality support to the marine science community." Unique Electronics - The design and manufacture of rugged data collection devices, i.e. oceanographic buoys. Environmental Sciences - Site specific weather forecasting. System Applications - Design, development and production expertise in system integration, i.e. Combat System Engineering services.

TARGET MARKET:

Marine/Environmental.

**Sensor Technology Limited
(BM Hi-Tech Division)**

ADDRESS:

20 Stewart Rd.
P.O. Box 97
Collingwood, ON, L9Y 3Z4

CONTACT:

Dr. S.E. Prasad

Tel: 705-444-1440
Fax: 705-444-6787

YEAR ESTABLISHED: 1983

EXPORT SALES: \$550,000

GROSS SALES: \$1,000,000

AVERAGE # OF EMPLOYEES: 16

RATIO COMMERCIAL/DEFENCE: 20/80

KEYWORDS:

Buoys, Sono; Sensors; Sonar Equipment
and Systems; Sonobuoys.

CAPABILITIES:

The company manufactures underwater
acoustic components including sonar
transducers, hydrophones and other
sensors.

TARGET MARKET:

U.S.A., Europe.

Sermatech Canada Inc.

ADDRESS:

747 Riddle Ave.
Dorval, PQ, H9P 1H4

CONTACT:

Mr. Danny Sirignano

Tel: 514-631-2240
Fax: 514-636-6196

YEAR ESTABLISHED: 1981

GROSS SALES: \$3,000,000

AVERAGE # OF EMPLOYEES: 30

RATIO COMMERCIAL/DEFENCE: 98/2

KEYWORDS:

Coatings; Metal Spray.

CAPABILITIES:

Sermatel Engineered Coatings for all
corrosion areas; High Energy Erosion
Resistant Coatings (Gator Gard); Corrosion,
Erosion Control for any high tolerance
areas.

TARGET MARKET:

Turbines, Gas Turbines.

Siemens Electric Limited

ADDRESS:

7300 Trans Canada Hwy.
Pointe Claire, PQ, H9R 4R6

CONTACT:

Mr. Edward P.K. Bourgeau

Tel: 514-426-6163

Fax: 514-426-6071

YEAR ESTABLISHED:

EXPORT SALES: \$15,000,000

GROSS SALES: \$50,000,000

AVERAGE # OF EMPLOYEES: 5,000

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Alarm Systems; Consoles; Control Systems, Propulsion; Drives; Electrical/Electronic Components and Systems; Motors-Electrical AC and DC; Propulsion Systems; Integrated Machinery Control Systems; Control and Instrumentation Systems Design; Propulsion and Power Systems.

CAPABILITIES:

Design and Manufacture: Switchgear; Automated Control; Alarm Monitoring; Electric Propulsion; Variable Speed Drives; Motor Control Centres; and Trawl Winch Drives.

TARGET MARKET:

Marine Systems.

Simrad Mesotech Systems Ltd.

ADDRESS:

1598 Kebet Way
Port Coquitlam, BC, V3C 5W9

CONTACT:

Mr. Dan Gibson

Tel: 604-464-8144

Fax: 604-941-5423

YEAR ESTABLISHED: 1973

EXPORT SALES: \$9,000,000

GROSS SALES: \$10,000,000

AVERAGE # OF EMPLOYEES: 45

RATIO COMMERCIAL/DEFENCE: 75/25

KEYWORDS:

Sonar Equipment and Systems; Underwater Surveillance Equipment.

CAPABILITIES:

Development and manufacture of a wide range of hydro-acoustic equipment: high resolution colour imaging and profiling sonars, side scan sonars, trawl surveillance sonars, and echo sounders for depth measurements. Service and support from Simrad locations and agents around the world.

TARGET MARKET:

Mine Counter Measures (MCM), Remotely Operated Vehicles (ROV), Offshore Oil, Hydrographic, Military and Commercial.

Softac Systems Ltd.

ADDRESS:

3046 Westwood St.
Port Coquitlam, BC, V3C 3L7

CONTACT:

Mr. Ian Bowman

Tel: 604-464-8505
Fax: 604-464-2242

YEAR ESTABLISHED: 1971

EXPORT SALES: \$500,000

GROSS SALES: \$3,000,000

AVERAGE # OF EMPLOYEES: 25

RATIO COMMERCIAL/DEFENCE: 100/0

KEYWORDS:

Consoles; Control Systems, Propulsion;
Drives; Electrical Components
and Systems; Motors-Electrical AC and DC;
Power Supplies;
Rectifiers; Integrated Machinery Control
Systems; Control and
Instrumentation Systems Design.

Software Kinetics Ltd.

ADDRESS:

65 Iber Rd.
Stittsville, ON, K2S 1E7

CONTACT:

Mr. T.A. Moretto

Tel: 613-831-0888
Fax: 613-831-1836

YEAR ESTABLISHED: 1981

EXPORT SALES: \$250,000

GROSS SALES: \$9,000,000

AVERAGE # OF EMPLOYEES: 125

RATIO COMMERCIAL/DEFENCE: 40/60

KEYWORDS:

Data Acquisition Systems; Displays;
Computer Software - Computer
Based Training; Human Engineering and
MMI Design; Electronics and
Weapons Systems Design and Integration;
Naval Combat and
Electronics Systems Management.

CAPABILITIES:

Software Kinetics has a strong naval
combat systems background that includes
naval electronic warfare systems, shipboard
command and control systems, combat
system performance monitoring, sensor
integration and message handling systems.
The company has developed and supported
systems for both the TRUMP and Canadian
Patrol Frigate Programs.

TARGET MARKET:

Naval Combat Systems.

Spar Aerospace Ltd.

ADDRESS:

5090 Explorer Dr.
Suite 900
Mississauga, ON, L4W 4X6

CONTACT:

Mr. Ken Markay

Tel: 416-629-7727
Fax: 416-629-0854

YEAR ESTABLISHED: 1968

EXPORT SALES: \$242,000,000

GROSS SALES: \$484,000,000

AVERAGE # OF EMPLOYEES: 3000

RATIO COMMERCIAL/DEFENCE: 60/40

KEYWORDS:

Navigation Systems; Infrared;
Project/Program Management.

CAPABILITIES:

Integrated Digital Communication Systems,
Navigation Systems, Infrared Systems,
Project/Program Management, Naval
Surveillance Systems, Electrical/Electronic
Components and Systems.

TARGET MARKET:

Naval.

SPECIAL NOTE:

SPAR Aerospace Ltd. was one of the
recipients of the 1990 Canada
Export Award.

Sparton of Canada

ADDRESS:

99 Ash St.
P.O. Box 5125
London, ON, N6A 4N2

CONTACT:

Mr. Bruce Eidsvik

Tel: 519-455-6320
Fax: 519-452-3967

YEAR ESTABLISHED: 1930

AVERAGE # OF EMPLOYEES: 80

RATIO COMMERCIAL/DEFENCE: 30/70

KEYWORDS:

Buoys, Sono; Data Acquisition Systems;
Instrumentation; Power Supplies; Sonar
Equipment and Systems; Sonobuoys.

TARGET MARKET:

ASW and Oceanology.

Spirax Sarco Canada Limited

ADDRESS:

383 Applewood Cres.
Concord, ON, L4K 4J3

CONTACT:

Mr. Justin C. O'Dowd

Tel: 416-660-5510
Fax: 416-660-5503

YEAR ESTABLISHED: 1983

EXPORT SALES: \$1,250,000

GROSS SALES: \$12,500,000

AVERAGE # OF EMPLOYEES: 46

RATIO COMMERCIAL/DEFENCE: 99/1

KEYWORDS:

Humidifiers; Steam Traps; Strainers;
Moisture Separators; Valves and Fittings.

CAPABILITIES:

Spirax Sarco is the world's largest steam
ancillary manufacturer, with group

companies or representation in most countries. Spirax Sarco Canada Ltd. is the Canadian supplier of steam traps, strainers and other steam ancillaries, manufactured in Canada, for the Canadian Frigate Program. In addition, many other products are supplied to the Canadian Armed Forces (Bases) throughout Canada with direct support provide by outside sales staff and representatives, and inside engineering, marketing and service personnel. Spirax Sarco Canada provides quality products and services.

TARGET MARKET:

General steam using installations within the marine and naval sites and crafts - world-wide through the Canadian or other group organizations, as appropriate.

Steel and Engine Products Limited

ADDRESS:

110 Water St.
P.O. Box 1120
Liverpool, NS, BOT 1K0

CONTACT:

Mr. L. Perry

Tel: 902-354-3483
Fax: 902-354-4308

YEAR ESTABLISHED: 1898

AVERAGE # OF EMPLOYEES: 180

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Barges; Repair Work - Steam, Compressed Air, Ballast Water, Fresh Water, Acetylene,

Oxygen, Conversions, Overhauls, Tank Cleaning, Oil Cleaning, Grit/Sand Blasting, Tank Coating, Precision Machining, Retrofits, Electrical Repairs, Metal Spraying, Engine Repairs, Hull Repairs, Refurbishing, Underwater Repairs, Welding Services, Repairs Afloat, Re-engining, Steel Fabrication, Refits; Bearings, Bilge Water Separators; Bronze Fittings; Buoys; Castings; Coatings; Control Systems, Propulsion; Engines - Diesel; Fabrication, Custom; Fittings - Pipe, Flanged, Screw and Welded; Fittings, Hose; Gears, Propulsion; Generators - Diesel Electric; Glands Stuffing Box (Bronze); Gratings; Indicators, Rudder Angle; Marine Exhaust Mufflers; Plates, Deck; Pollution Control Equipment; Pressure Vessels; Propellers; Steering Gear; Stern Tubes; Structures and Underwater; Stuffing Boxes; Tanks; Certification and Classification - Computer Numerically Controlled Milling; Government/Industry Relations; Oil Water Separators; Oil Skimmer Recovery Equipment.

CAPABILITIES:

Ship repair/refit marine railway, along side; machine ship; metal fabrication; foundry; marine engines and accessories; hydraulic and electronic and steering gear servicing.

TARGET MARKET:

Commercial Vessels and Naval Vessels.

Stephens-Adamson

ADDRESS:

P.O. Box 5900
Belleville, ON, K8N 5C8

CONTACT:

Mr. R.W. Frederick

Tel: 613-962-3411
Fax: 613-962-9792

YEAR ESTABLISHED: 1927

AVERAGE # OF EMPLOYEES: 203

RATIO COMMERCIAL/DEFENCE: 100/0

KEYWORDS:

Conveyors, Belts; Screws; Elevators;
Loading/Unloading Systems; Self
Loading/Unloading Systems; Trimmers;
Winches; Hoists.

CAPABILITIES:

Designers and Manufacturers of Dry Bulk
Material Handling Systems for
self-unloading vessels with the patented
Loop Belt Elevator; Shore-Based bulk
material handling engineering systems for
ports, harbours and terminals including ship
loaders and unloaders.

TARGET MARKET:

International.

Stone Boilers

ADDRESS:

6 Scanlon Crt.
Aurora, ON, L4G 3G9

CONTACT:

Mr. Bryan Heppell

Tel: 416-727-8182
Fax: 416-727-8656

YEAR ESTABLISHED: 1975

EXPORT SALES: \$1,000,000

GROSS SALES: \$9,000,000

AVERAGE # OF EMPLOYEES: 85

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Barges; Bulk Carriers; Ferries; Naval
Vessels; Offshore Drill Rigs; Oil/Gas
Production Platforms; Repair Work - Boiler;
Boilers.

CAPABILITIES:

Aux Steam Boilers; Thermal Fluid Heaters;
Full Service Dept. for Stone and Vapor
Clarkson Boilers.

TARGET MARKET:

Navies and Commercial Marine.

Stone Marine Canada Ltée

ADDRESS:

420 9th Ave.
Iberville, PQ, J2X 1K3

CONTACT:

Mr. J.G. McLoughlin

Tel: 514-347-3789
Fax: 514-358-2795

YEAR ESTABLISHED: 1967

EXPORT SALES: \$520,000

GROSS SALES: \$3,000,000

AVERAGE # OF EMPLOYEES: 24

RATIO COMMERCIAL/DEFENCE: 50/50

KEYWORDS:

Propeller Repairs; Precision Machining; Propellers; Bronze; Butterfly; Computer Propeller; Propellers, Propeller Models and Ship Models; Propeller Calculations, Drawings and Performance Curves.

CAPABILITIES:

Stone Marine Canada Ltée has the capacity to melt 36 tonnes of bronze and the ability to mould, handle and machine single castings up to 6.6 metres in diameter. Single castings up to 4 metres in diameter, weighing 9,000 kg and can be finished machined by milling on a 6-axes machining centre using up to 5 axes simultaneous movement of the cutting tool. Marine Propellers, Blades, Hubs and Cones; Aluminum Bronze Castings; Services: Repair of Marine Propellers; Inspection of Damaged Propellers, with report issued if required; Design of Marine Propellers; Machining of complex sculptured surfaces (5 axes simultaneous movement); General Machine Shop Operations; Drawing office services using AUTOCAD 10 and 3D surface modelling using STRIM 100.

TARGET MARKET:

U.S.A, Southeast Asia, Europe.

**Stork Werkspoor Canada Ltd.
(Stork Canada)**

ADDRESS:

47 Marie-Victorin Blvd.
Candiac, PQ, J5R 1B6

CONTACT:

Mr. T. Morse

Tel: 514-659-6571
Fax: 514-659-1035

YEAR ESTABLISHED: 1960

GROSS SALES: \$740,000

AVERAGE # OF EMPLOYEES: 60

RATIO COMMERCIAL/DEFENCE: 40/60

KEYWORDS:

Condensers; Containers, Environmental Equipment; Engineering Calculations and Analysis (HVACER); Computer Aided Design and Drafting (CADD) Systems and Training (HVACER); Marine Consultants and Engineers (HVACER); Set to work Trials Teams (HVACER); Systems Engineering (HVACER).

CAPABILITIES:

Marine Suppliers of Heating, Ventilation, Air Conditioning and Refrigeration equipment for merchant marine, passenger, offshore, and naval vessels. This equipment is manufactured to meet the rigid requirements of military standards regarding quality control and assurance programs. Also manufacturer of heat exchangers/pressure vessels ('U' Stamp). Perform complete design/engineering for HVAC and Refrigeration Systems, Heat Exchangers and Pressure Vessels. The office is equipped with a CAD System of assist in the design and drawings. i.e. Schematics, flow charts, load calculations.

TARGET MARKET:

U.S.A.

T. Thompson Ltd.

ADDRESS:

P.O. Box 91506
W. Vancouver, BC, V7V 3P2

CONTACT:

Mr. Terry Thompson

Tel: 604-921-8300
Fax: 604-921-8301

YEAR ESTABLISHED: 1972

EXPORT SALES: \$1,000,000

GROSS SALES: \$5,000,000

AVERAGE # OF EMPLOYEES: 6

RATIO COMMERCIAL/DEFENCE: 40/60

KEYWORDS:

Atmospheric Diving Systems.

CAPABILITIES:

Manufacturers Representatives;
Oceanographic and Offshore Equipment;
Equipment Sales; Equipment Applications
Consulting; Equipment Lease; Manned
Submersible; Sales; Service and Operations.

TARGET MARKET:

Commercial/Defence Offshore Operations.

T.N.T. Total Naval Technological Associates Inc.

ADDRESS:

4039 Violet St.
North Vancouver, BC, V7G 1E4

CONTACT:

Mr.. John Mackenzie

Tel: 604-929-4342
Fax: 604-929-3565

YEAR ESTABLISHED: 1980

GROSS SALES: \$200,000

AVERAGE # OF EMPLOYEES: 4

RATIO COMMERCIAL/DEFENCE: 100/0

KEYWORDS:

Doors, Hangar, Marine; Marine Consultants
and Engineers; Marine Surveys; Materials
Handling Systems; Naval Architects; Ocean
Engineering; Project/Program Management;
Propulsion and Power Systems;
Transportation - Arctic and otherwise;
Vibration Analysis and Control; Strain
Gauging; Non Destructive Testing; Control
Systems, Navigation and Steering; Load
Measuring; Crane Testing; Bollard Pull;
Torque/HP Measurement; Doors - Cargo,
Marine; Ramps - Vehicle, Marine; Elevators,
Cargo; Propeller Nozzles.

CAPABILITIES:

Specialist and General Naval Architecture
and Marine Engineering Services, including
Design, Specifications, Project Management
for New Construction or Conversions.
Torque, Horsepower, Noise, Vibration,
Strain Gauging Investigations and

Non-destructive Testing; Surveys of all types, Evaluations, Costing, Crane Testing, Bollard Pull and Load Measurements. Design (and construction) of W.T. Cargo Doors, Ramps, Elevators, Bow Visors etc. Fuel Saving Barge Steering Systems.

TARGET MARKET:

Commercial Vessels.

Techno Scientific Inc.

ADDRESS:

60 Caster Ave.
Woodbridge, ON, L4L 5Y9

CONTACT:

Dr. M. Macecek

Tel: 416-851-9958
Fax: 416-851-6314

YEAR ESTABLISHED: 1980

EXPORT SALES: \$1,500,000

GROSS SALES: \$3,000,000

AVERAGE # OF EMPLOYEES: 20

RATIO COMMERCIAL/DEFENCE: 70/30

KEYWORDS:

Instrumentation; Sensors; Transducers; Non Destructive Testing or Non-Destructive Inspection; Ultrasonic Instrumentation; Level Monitoring; Pressure Sensors; Robotics; Inspection Tanks.

CAPABILITIES:

Design and manufacture of non-destructive testing systems and related components

such as ultrasonic transducers, immersion tanks, sensors, ultrasonic level monitoring. Robotics system integrators, design and manufacture robotics fixtures. Also develop and manufacture doppler ultrasonic bubble monitor which detects bubbles in the bloodstream and is used for decompression research. Act as distributors of Stresstel Thickness Gauges and Quanix Coating Thickness Gauges.

TARGET MARKET:

Government Research Departments; Labs and Testing Facilities.

Techwest Data Systems Ltd.

ADDRESS:

200-7680 River Rd.
Richmond, BC, V6X 1X6

CONTACT:

Mr. Alan Stewart

Tel: 604-273-6336
Fax: 604-273-4430

YEAR ESTABLISHED: 1991

EXPORT SALES: \$1,500,000

GROSS SALES: \$1,500,000

AVERAGE # OF EMPLOYEES: 7

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Communications Equipment.

CAPABILITIES:

Producer of "Startrask Stabilized

Communication System" providing satellite communications for ocean going vessels worldwide.

Teleflex (Canada) Ltd.

ADDRESS:

3831 6th Rd.
Richmond, BC, V6V 1P6

CONTACT:

Mr. Doug Paul

Tel: 604-270-6899
Fax: 604-270-7172

YEAR ESTABLISHED: 1940

EXPORT SALES: \$12,000,000

GROSS SALES: \$14,000,000

AVERAGE # OF EMPLOYEES: 115

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Control Systems, Navigation and Steering; Steering Gear; Coolant Pre-Heaters for Diesel Engines; Governors for Cummins Diesel Engines.

CAPABILITIES:

Marine Hydraulic Steering Systems for Vessel to 100 ft. in length; Diesel Engine Preheaters (Fuel Fired Coolant Heaters) for truck, bus, military and off-highway applications; Special purpose hydraulic and fuel controls.

TARGET MARKET:

Marine (Vessels under 100ft.); Truck and

Bus (Heavy Duty Diesel).

Thiele Canada Inc.

ADDRESS:

5501 Vanden Abeele
St. Laurent, PQ, H4S 1S1

CONTACT:

Mr. Werner F. Glier

Tel: 514-335-7794
Fax: 514-335-4553

YEAR ESTABLISHED: 1911

GROSS SALES: \$300,000

AVERAGE # OF EMPLOYEES: 2

RATIO COMMERCIAL/DEFENCE: 10/90

KEYWORDS:

Anchor Chain; Chain and Accessories; Chain and Inspection Service.

CAPABILITIES:

Anchor-Chains and Fittings (up to 7"); Mooring Chains and Fittings (Oil-Rig Quality); Ship-Chains and Fittings (Corrosion Protected); Stainless Steel Chains and Fittings; Alloy Steel, Grade-80 Chains and Fittings (Corrosion Protected); Chain Inspection Services; Anchor-Chains (Studded and Studless); Accessories; Mooring and Ship-Chains and Accessories; Alloy Grade 80 Chains and Fittings (Corrosion Resistant).

TARGET MARKET:

Marine/Naval Industry, Defence.

Thomson-CSF Systems Canada Inc.

ADDRESS:

18 Auriga Dr.
Nepean, ON, K2E 7T9

CONTACT:

Mr. Ken Bowering

Tel: 613-723-7000
Fax: 613-723-5600

YEAR ESTABLISHED: 1984

GROSS SALES: \$5,000,000

AVERAGE # OF EMPLOYEES: 50

RATIO COMMERCIAL/DEFENCE: 10/90

KEYWORDS:

Bridge, Electrical/Electronic Components and Systems; Command and Control Systems; Communications Equipment (Receivers, Transmitters, Transceivers, Radio, Telephones, Base Stations, Antennas, Tuners, Remotes and others); Communications, Ship; Consoles; Control Systems, Navigation & Steering; Data Acquisition Systems; Displays; Electrical/Electronic Components and Systems - Automation Systems, Consoles; Bridge and Engine Room; Computer System/Software; Infrared Systems; Instrumentation; Marine Training Simulators; Navigation Aids; Radar Antennas; Radar Sets and Equipment; Radar Systems (Navigation/Surveillance); Sensors; Signalling Equipment; Sonar Equipment and Systems; Surveillance Equipment; Vessel Traffic Management Systems (VTMS).

CAPABILITIES:

Thomson-CSF Systems Canada Incorporated (Thomson Systems) is a subsidiary of Thomson-CSF, the world's third largest defence electronics company. Established in 1984, Thomson Systems is a systems engineering/integration company which designs, develops, integrates, and delivers systems on a turnkey, fully supported basis. The company specializes in Mission Systems Integration, Command and Control, Countermines, Space and Robotics, and Integrated Logistics Support for the defence and aerospace market. As a defence/aerospace systems engineering/integration company, Thomson Systems has extensive experience and capabilities in the technologies used for design and development of complex systems including command and control, computer systems and software development, simulation and modelling, artificial intelligence, communications and navigation, and sensor and weapons systems. Thomson Systems' 20,000 square foot facility in Nepean, Ontario features a 3,000 square foot system assembly and integration area, technical library, CAD area, two TEMPEST rooms, as well as large engineering design and development areas. Currently with a staff of 50, Thomson Systems' staff will increase to 80 in 1993/1994 due to success in being selected as the mission systems integrator for the Navy's Maritime Coastal Defence Vessel (MCDV) project.

TARGET MARKET:

Defence/Aerospace.

Thordon Bearings Inc.

ADDRESS:

3225 Mainway
Burlington, ON, L7M 1A6

CONTACT:

Mr. David Read

Tel: 416-335-1440
Fax: 416-335-4033

YEAR ESTABLISHED: 1916

EXPORT SALES: \$5,000,000

GROSS SALES: \$6,000,000

AVERAGE # OF EMPLOYEES: 40

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Bearings.

CAPABILITIES:

In-house design and manufacture of Thordon propeller shaft bearing systems, rudder pintle stock and carrier bearings, bearings for deck machinery, pumps and other ship-board applications. Thordon is an environmentally friendly non-metallic bearing polymer alloy with excellent abrasion resistance and wear life.

TARGET MARKET:

Commercial and Naval Ship Repair Yards, Naval Architects/Designers and owners.

Timberland Equipment Limited

ADDRESS:

459 Industrial Ave.
P.O. Box 490
Woodstock, ON, N4S 7Z2

CONTACT:

Mr. James R. Leslie

Tel: 519-537-6262
Fax: 519-539-5853

YEAR ESTABLISHED: 1947

EXPORT SALES: \$6,500,000

GROSS SALES: \$9,000,000

AVERAGE # OF EMPLOYEES: 52

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Cranes; Deck Machinery; Hoists; Winches; Windlasses.

CAPABILITIES:

Timberland Equipment Limited designs and manufactures marine deck machinery, mooring system winches, anchor and windlass winches, cranes, davits, oceanographic winch systems, cable laying and recovery systems, deck fairleads, horizontal and vertical deck sheaves. Timberland backs up its equipment with worldwide customer service. This includes on-site preventative maintenance, repairs, or start up and operator training by qualified service personnel.

TARGET MARKET:

Marine/Naval and Offshore equipment.

Trenton Works

ADDRESS:

Main St.
Box 130
Trenton, NS, B0K 1X0

CONTACT:

Mr. Rob MacEachern

Tel: 902-752-1541
Fax: 902-752-6648

YEAR ESTABLISHED: 1872

EXPORT SALES: \$7,000,000

GROSS SALES: \$70,000,000

AVERAGE # OF EMPLOYEES: 450

RATIO COMMERCIAL/DEFENCE: 85/15

KEYWORDS:

Buoys; Cargo Handling Equipment;
Fabrication, Custom; Pontoons; Pressure
Vessels; Shafts; Loading/Unloading
Systems; Sonobuoys.

CAPABILITIES:

Marine and Hydro Shafting/Rudder
Stocks/Drill Ship, Oil Rig and Production
Platform Components/Buoy
Casings/Railcars/Land Transportation and
Storage Equipment (Military Trucks and
Trailers)/ Land Based Support Equipment.

TARGET MARKET:

Middle East.

Tulmar Safety Systems Inc.

ADDRESS:

760 Tupper St.
P.O. Box 497
Hawkesbury, ON, K6A 2Y2

CONTACT:

Mr. B.E. Bangs

Tel: 613-632-1282
Fax: 613-632-2030

YEAR ESTABLISHED: 1992

EXPORT SALES: \$100,000

GROSS SALES: \$1,000,000

AVERAGE # OF EMPLOYEES: 30

RATIO COMMERCIAL/DEFENCE: 50/50

KEYWORDS:

Lifeboats; Lights.

CAPABILITIES:

Tulmar is a manufacturer of inflatable
safety equipment and military tie down
gear. Tulmar is licensed by Canadian Coast
Guard FAA/DOT to Certify liferafts,
lifevests, escape slides. The company also
sells spare parts and is a distributor for
Dunlop-Beaufort (Canada) Ltd. and Eastern
Aero Marine.

Ulstein Maritime Ltd.

ADDRESS:

96 North Bend St.
Coquitlam, BC, V3K 6H1

CONTACT:

Mr. Bertil Johansson

Tel: 604-942-1100

Fax: 604-942-1125

YEAR ESTABLISHED: 1960

EXPORT SALES: \$8,000,000

GROSS SALES: \$8,000,000

AVERAGE # OF EMPLOYEES: 45

RATIO COMMERCIAL/DEFENCE: 95/5

KEYWORDS:

Bow Thrusters; Steerable Rudder Propellers.

CAPABILITIES:

Fixed pitch Steerable Rudder Propellers with the brand name "Z-Drives" ranging from 120 to 3000 Hp are made and delivered in a complete scope of supply including remote control and intermediate shaft system, deck fitted or through hull configuration. Fixed pitch Tunnel Thrusters the same.

TARGET MARKET:

Mainly U.S. thereafter worldwide.

**Ultimateast Data
Communications Ltd.**

ADDRESS:

P.O. Box 5933
St. John's, NF, A1C 5X4

CONTACT:

Mr. Roderick J. White

Tel: 709-576-4747

Fax: 709-576-2125

YEAR ESTABLISHED: 1985

EXPORT SALES: \$2,000,000

GROSS SALES: \$3,000,000

AVERAGE # OF EMPLOYEES: 35

RATIO COMMERCIAL/DEFENCE: 90/10

KEYWORDS:

Communications Equipment - Receivers, Transmitters, Transceivers, Radio, Telephones, Base Stations, Antennas, Tuners, Remotes and Others; Communications, Ship; Marine and Aeronautical Radio; Patrol Data Management Systems Software; Satellite Systems KU, C, L; Networks; Fleet Management; Integrated Information Workstations; Inter-Operability, Defence, Fisheries, Coast Guard.

CAPABILITIES:

INMARSAT A-B-M-C Systems; INMARSAT-C, Enhanced Access, Dispatch, and Switching Systems, Low Speed, High Frequency Data Communications Systems, System Integration and Project Management.

TARGET MARKET:

Remote and Mobile Communications.

**United Marine (division of
Cansim Simulators Ltd.)**

ADDRESS:

1260 Old Innes Rd.
Ottawa, ON, K1B 3V3

CONTACT:

Mr. Richard Church

Tel: 613-748-5505
Fax: 613-748-3972

YEAR ESTABLISHED: 1967

EXPORT SALES: \$700,000

GROSS SALES: \$4,000,000

AVERAGE # OF EMPLOYEES: 30

RATIO COMMERCIAL/DEFENCE: 70/30

KEYWORDS:

Communications, Ship.

CAPABILITIES:

Specializing in Interior Communications Systems for commercial vessels and rigs. Product offerings include marine dial telephone systems and peripherals; Ship's announcing and PA systems; Marine mission intercom systems. Recent specialization in integrated systems combining telephone, PA and SRE (rec/entertainment) in one system.

TARGET MARKET:

Canada, U.S.A., Europe.

Utopia Fabricating Co. Ltd.

ADDRESS:

R.R. 1
Pennfield, NB, E0E 1E0

CONTACT:

Mr. Ken Bourque

Tel: 506-755-6168
Fax: 506-755-3784

YEAR ESTABLISHED: 1987

EXPORT SALES: \$8,000,000

GROSS SALES: \$10,000,000

AVERAGE # OF EMPLOYEES: 50

RATIO COMMERCIAL/DEFENCE: 100/0

KEYWORDS:

Oil Purifiers.

CAPABILITIES:

Manufacturers of the Shurtleff Waste Oil Refining Systems that produces #2 and #3 Diesel and heating type fuel from waste automotive oil. One system can produce up to 7,000,000 litres per year.

TARGET MARKET:

Global.

Valcom Ltd.

ADDRESS:

175 SouthGate Dr.
P.O. Box 603
Guelph, ON, N1H 6L3

CONTACT:

Mr. Paul R. MacPherson

Tel: 519-824-3220

Fax: 519-824-3411

YEAR ESTABLISHED: 1957

EXPORT SALES: \$3,000,000

GROSS SALES: \$21,000,000

AVERAGE # OF EMPLOYEES: 225

RATIO COMMERCIAL/DEFENCE: 85/15

KEYWORDS:

CADD; Computer Software, Project Management and Productivity; Government/Industry Relations; Industrial Benefit Management; Reliability, Availability and Maintainability (RAM); Integrated Logistics Systems and Support Analysis (ILS/LSA); Project/Program Management; Systems Engineering; Communications Equipment - Receivers, Transmitters, Transceivers, Radio, Telephones, Base Sensors, Antennas, Tuners, Remotes, and Others; Communications, Ship.

CAPABILITIES:

Valcom Guelph offers its customers a complete product/service package consisting of design, engineering, manufacturing (build to print), software development and repair and overhaul. Valcom's Ottawa division provides a range of engineering services such as program management and integrated logistic support, as well as translation, publication and temporary professional management support on a contract basis.

TARGET MARKET:

United States Military.

**Vancouver Shipyards Co.
Ltd.****ADDRESS:**

50 Pemberton Ave.

North Vancouver, BC, V7P 2R2

CONTACT:

Mr. Bill Armstrong

Tel: 604-988-6361

Fax: 604-984-1651

YEAR ESTABLISHED: 1902

AVERAGE # OF EMPLOYEES: 350

KEYWORDS:

Barges; Bulk Carriers; Crew Boats; Dry Cargo; Dry Docks; Ferries; Fishing Vessels - Steel; Ice Breakers; Naval Vessels; Oceanographic Vessels; Offshore Drill Rigs; Oil/Gas Production Platforms; Patrol Craft; Product Carriers; Self Loading and/or Unloading; Semi-Submersibles; Supply Vessels; Tankers; Tugs; Work Boats; Repair Work - Steam, Compressed Air, Ballast Water, Fresh Water, Acetylene, Oxygen, Conversions, Lengthening, Overhauls; Flying Squads, Underwater Cleaning, Voyage Repairs, Slop Disposal/Reception, Tank Cleaning, Oil Cleaning, Grit/Sand Blasting, In Situ Grinding/Machining, Underwater Surveys, Offshore and Semi-Submersible, Propeller Repairs, Tank Coating, Precision Machining, LPG/LNG and Chemical Services, Retrofits, Gas Freeing Station, Electrical Repairs, Metal Spraying, Engine Repairs, Hull Repairs, Refurbishing, Anchor and Chain Repairs, Refrigeration, Reactivation, Underwater Repairs, Welding Services, Repairs Afloat, High Pressure Water, Re-Engining, Steel Fabrication, Refits.

CAPABILITIES:

Shipbuilding/Ship Repair.

Velan Inc.

ADDRESS:

2125 Ward Ave.
Montreal, PQ, H4M 1T6

CONTACT:

Mr. Tom Velan

Tel: 514-748-7743

Fax: 514-748-8635

YEAR ESTABLISHED: 1950

AVERAGE # OF EMPLOYEES: 550

KEYWORDS:

Valves and Fittings - Angle, Ball, Bronze, Gate, Hydraulic, Globe, Needle, Platon, Plug, Pressure.

CAPABILITIES:

Velan Inc. is North America's largest manufacturer of gate, globe and check valves. The company also produces ball, knife gate, pressure seal and bellows seal valves ranging in size from 1/4" to 48" in cast or forged carbon, stainless or alloy steel.

**Victoria Machinery Depot
(1986) Co. Ltd**

ADDRESS:

343 Bay St.
P.O. Box 670
Victoria, BC, V8W 2P3

CONTACT:

Mr. M.D. Parfitt

Tel: 604-382-2141

Fax: 604-382-2565

YEAR ESTABLISHED: 1986

GROSS SALES: \$10,000,000

AVERAGE # OF EMPLOYEES: 70

RATIO COMMERCIAL/DEFENCE: 91/9

KEYWORDS:

Propeller Repairs; Tank Coating; Precision Machining; Refurbishing; Welding Services; Steel Fabrication; Buoys; Fabrication, Custom; Heat Exchangers; Pressure Vessels; Propellers; Propeller Nozzles; Rudders; Shafts; Stern Tubes.

CAPABILITIES:

Heavy plate forming and welding capacity up to 8" thickness; Materials - Carbon, Low Alloy, Chrome Nickel, Stainless and Clad Steels, HY80, HY100, and T.1 high strength Steel; Monel, Nickel; Full NDE and NDT Facilities; CWB, ASME code stamps U, U2, and S Full Heat Treating to 2000 deg. F.; Manufacture Air Receivers - Lloyd's etc.; Build tourist type submarines - to ABS certification; Built Spheres for Pisces; Heavy Machining Capabilities - Propeller Shafts/Liners, eg. HMCS Protecteur, B.C. Ferries, Rudder Stock, Stern Tubes, Refurbishing Large Valves and Fittings;

Subsidiary Company with mobile equipment for sandblasting, painting and special coatings.

TARGET MARKET:

Petrochemical, Marine, Mining, Pulp and Paper.

W.R. Davis Engineering Limited

ADDRESS:

1260 Old Innes Rd.
Ottawa, ON, K1B 3V3

CONTACT:

Mr. W. Roland Davis

Tel: 613-748-5500
Fax: 613-748-3972

YEAR ESTABLISHED: 1975

EXPORT SALES: \$3,000,000

GROSS SALES: \$7,000,000

AVERAGE # OF EMPLOYEES: 50

RATIO COMMERCIAL/DEFENCE: 50/50

KEYWORDS:

Active Shaft Grounding - Active Shaft Grounding Systems; Sensors; Integrated Logistics Systems and Support Analysis (ILS/LSA); Infrared Suppression Systems; Infrared Computer Simulations.

CAPABILITIES:

W.R. Davis Engineering Limited was established in 1975 to provide high technology Research, Development and

Design services in the fields of Mechanical, Electronic and Electrical Engineering. Computer System and Software Development as well as design and production of proprietary products for Navy ships and marine institutes. The company is Canadian-owned and controlled.

TARGET MARKET:

NATO Navies.

Wartsila Diesel Canada Inc.

ADDRESS:

50 Akerley Blvd.
Burnside Industrial Park
Dartmouth, NS, B3B 1R8

CONTACT:

Mr. Terje Lieng

Tel: 902-468-1264
Fax: 902-468-1265

YEAR ESTABLISHED: 1992

EXPORT SALES: \$1,500,000

GROSS SALES: \$3,000,000

AVERAGE # OF EMPLOYEES: 12

RATIO COMMERCIAL/DEFENCE: 70/30

KEYWORDS:

Re-Engining; Control Systems, Propulsion; Diesel; Diesel Electric; Engine Control Modules; Gears, Propulsion; Generators - Diesel Electric, Electric; Propellers; Propeller Nozzles; Propulsion Systems.

CAPABILITIES:

Responsibility for sales, service and spare parts of the Wartsila Diesel Groups range of medium and high speed diesel engines for Canada. This range include Wartsila's Vasa-Nohab-Stork and SACM diesel engines and Wartsila Wichmann propulsion plants.

TARGET MARKET:

EDC of similarly supported market areas.

Westinghouse Canada Inc.**ADDRESS:**

202 Brownlow Ave.
Cambridge Tower 2, Suite 306
Dartmouth, NS, B3B 1T2

CONTACT:

Mr. Don O'Brien

Tel: 902-468-8081
Fax: 902-468-6558

YEAR ESTABLISHED: 1940

GROSS SALES: \$100,000,000

AVERAGE # OF EMPLOYEES: 700

KEYWORDS:

Overhauls; Repair Work - Overhauls, In Situ Grinding/Machining, Electrical Repairs, Metal Spraying, Refurbishing, Repairs Afloat; Alarm Systems; Bearings; Consoles; Control Systems, Propulsion; Data Acquisition Systems; Drives; Electrical/Electronic Components and Systems - Annunciator Systems, Automation Systems, Consoles: Bridge and Engine Room, Circuit Breakers,

Switchboards; Computer-Aided Design and Drafting (CADD) Systems and Training; Control and Instrumentation Systems Design; Training Systems/Programs; Marine Consultants and Engineers; Marine Maintenance Systems; Marine Surveys; Project/Program Management; Propulsion and Power Systems; Vibration Analysis and Control; Reverse Engineering; Automation; Custom Component Manufacturers; Telegraph Systems.

CAPABILITIES:

Westinghouse Canadian Services Division has over 30 locations across Canada. Our repair plants specialize in rewind, rerate, rebuild, repair for AC and DC motors, generators, transformer, switchgear, and circuit breakers; mechanical repairs to shafts, couplings, bearing babbitting and machining. Field engineering services are staffed with experienced engineers and technicians specializing in on site repairs, troubleshooting and maintenance to rotating equipment, control systems, alarm monitoring systems, complete power systems; engineering, PCB management services, advisory services. Products: Switchboards, telegraph systems, consoles - obsolete component manufacturing.

TARGET MARKET:

Shipyards, Offshore, Coast Guard, Department of National Defence, Department of Fisheries and Oceans, Marine Atlantic, Marine Market.

SPECIAL NOTE:

Westinghouse Canada Inc. was one of the recipients of the 1990 Canada Export Award.

White's Manufacturing Ltd.

ADDRESS:

6820 Kirkpatrick Cres.
RR 3
Victoria, BC, V8K 3X1

CONTACT:

Mr. Frank White

Tel: 604-652-8554
Fax: 604-652-8553

YEAR ESTABLISHED: 1956

KEYWORDS:

Gaskets; Hatch Covers; Seals; Dry Suits, Diving; Wet Suits, Diving; Survival/Search and Rescue Suits; Dry Bags; Boots, Glove, Hoods.

CAPABILITIES:

The Original Canadian Manufacturer (since 1956) for Neoprene Wetsuits, Neoprene Drysuits and Nylon/Polyurethane Dry Suits and accessories (hoods, boots, gloves, bags). White's currently manufactures suits for the Canadian Navy, U.S. Navy, Canadian Coast Guard, U.S. Coast Guard, R.C.M.P., Police Dive/Rescue Teams and various special task units. Sport dive and watersports products are distributed throughout Canada, U.S.A. and Japan. Special services include Custom Fit (tailor made) sizing and Custom Suit designs for Diving, Search and Rescue and Navy/Military applications.

TARGET MARKET:

Dry Suits, Wetsuits and Accessories, Diving, Survival, Search and Rescue.

Wilson Machine Co. Ltd.

ADDRESS:

2299 Lapierre St.
Lasalle, PQ, H8N 1B7

CONTACT:

Mr. Peter Wilson

Tel: 514-365-4101
Fax: 514-365-7511

YEAR ESTABLISHED: 1913

EXPORT SALES: \$1,000,000

GROSS SALES: \$8,000,000

AVERAGE # OF EMPLOYEES: 80

RATIO COMMERCIAL/DEFENCE: 80/20

KEYWORDS:

Capstans; Cargo Handling Equipment; Davits; Deck Machinery; Winches.

CAPABILITIES:

Gears, Gear Boxes, Winches, Deck Machinery, Radar Pedestals, Radar Drives, Custom Machinery, Screw Jacks, Actuators.

TARGET MARKET:

Marine, Steel Mill, Pulp and Paper, Mining, Defence.

York Fluid Controls Ltd.

ADDRESS:

2 Westwyn Crt.
Brampton, ON, L6T 4T5

CONTACT:

Mr. M. Knapman

Tel: 416-454-4013

Fax: 416-454-8423

YEAR ESTABLISHED: 1960

KEYWORDS:

Filters; Filtration Systems; Pressure Vessels; Pumps.

CAPABILITIES:

Pumps - liquids, chemicals, sludges, oils, etc. transfer; Filtration - liquids, all fluids from 1 to 800 micron; Vessels - all shapes and sizes of vessels (CRN and ASME).

TARGET MARKET:

Most industries.

Zenon Environmental Inc.

ADDRESS:

845 Harrington Crt.
Burlington, ON, L7N 3P3

CONTACT:

Mr. John H. Klie

Tel: 416-639-6320

Fax: 416-639-1812

YEAR ESTABLISHED: 1980

EXPORT SALES: \$5,000,000

GROSS SALES: \$30,000,000

AVERAGE # OF EMPLOYEES: 350

RATIO COMMERCIAL/DEFENCE: 70/30

KEYWORDS:

Oil Purifiers; Sewage Treatment; Bilge Water Treatment Systems; Naval Environmental Engineering; Reverse Osmosis Equipment.

CAPABILITIES:

Zenon Environmental Systems Inc. is an advanced technology environmental corporation which provides systems for water purification and wastewater treatment for marine applications. Water purification systems include a complete family of Reverse Osmosis units from small systems for minehunters and Coast Guard vessels to full military-qualified units for frigates. Zenon has RO systems in-service on the Canadian Patrol Frigates, DDH-280 class vessels, the Maritime Coastal Defence Vessels, the Canadian Coast Guard and several international maritime customers. Waste water systems included membrane-based treatment units for blackwater, grey water and oily bilge water for shipboard and dock side applications.

TARGET MARKET:

Maritime Auxiliary Equipment.

Zodiac Hurricane Technologies Inc.

ADDRESS:

10751 River Dr.
Richmond, BC, V6X 1Z2

CONTACT:

Mr. Ernie Hammond



Tel: 604-273-0451
Fax: 604-270-1739

EXPORT SALES: \$5,000,000

GROSS SALES: \$13,000,000

AVERAGE # OF EMPLOYEES: 65

RATIO COMMERCIAL/DEFENCE: 70/30

KEYWORDS:

Crew Boats; Oceanographic Vessels; Patrol Craft; Tugs; Work Boats; Pontoons; SOLAS Approved Rescue Boats; MOB Boat.

CAPABILITIES:

Regis inflatable boats for the naval and marine market.

TARGET MARKET:

U.S.A., Europe, Middle East, South America.

DOCS
CA1 EA660 93G71 ENG
Guide to Canadian marine/naval
related companies 1993/1994
32782077

*Printed on
recycled paper.*



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