

carry on a general ship owning and shipping business.

The auxiliary schooner Elsie Bradford, sprang a leak and sank, near the Entrance island lighthouse, Nanaimo, Nov. 4. She was formerly a sailing vessel, named Selma, and was built at Victoria in 1893, her dimensions being, length 47.5 ft., breadth 13.8 ft., depth 6.8 ft.; tonnage, 23 gross, 10 register. She was equipped with a gasoline engine of 6 n.h.p., driving a screw.

The British Columbia Public Works Department has purchased the small steamboat Faloma for departmental work. She was built at Vancouver in

1910, and is equipped with engine of 5 n.h.p. driving a screw. Her dimensions are, length 63.3 ft., breadth 12.2 ft., depth 7.6 ft.; tonnage, 33 gross, 22 register.

Armstrong, Morrison and Co., Vancouver, have sold out their wharf and waterfront properties there to Champion and White. The property includes the steamboat Armoco, built at Vancouver in 1907. She is screw driven with engine of 10½ n.h.p., and her dimensions are, length 56.5 ft., breadth 14.5 ft., depth 7.2 ft.; tonnage, 46 gross, 32 register.

During the past summer the Dominion

Government survey steamboat Lillooet, completed the survey of the channels south of the Skeena River to the northern point of Pitt island, and also carried out other work in Hectate straits, near Graham Island, and surveyed the entrance to Skidegate Inlet. She is completing the season's work at Cousins Inlet, surveying Ocean Falls harbor.

The contract for the conversion of the Grand Trunk Pacific Coast Steamship Co.'s steamships Prince Rupert and Prince George to oil burners, has been awarded to the British Columbia Marine Railway Co., Esquimalt. The Dahl system of oil burners is specified, includ-

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To the Manufacturers of and Dealers in Steam and Electric Railway, Marine, Grain Elevator, Express, Telegraph, Telephone and Contractors' Supplies, &c.

Acetylene
Commercial Acetylene Co.Toronto.

Aerated Waters
E. L. DrewryWinnipeg.

Air Brakes and Fittings
Allis-Chalmers-Bullock, Ltd.Montreal.
Canadian Westinghouse Co. Hamilton, Ont.

Ales
E. L. DrewryWinnipeg.

Alloys
American Vanadium Co.Pittsburgh, Pa.
Titanium Alloy Mfg. Co.Montreal.

Angle Bars
Steel Co. of Canada, Ltd.Hamilton, Ont.

Anti Rail Creepers
The Holden Co., Ltd.Montreal.

Asbestos
Can. H. W. Johns-Manville Co., Ltd. Toronto

Automobiles
Preston Car & Coach Co.Preston, Ont.

Axes
James Smart Mfg. Co.Brockville, Ont.

Axles
Canadian Car & Foundry Co.Montreal.
James Hutton & Co.Montreal.
Nova Scotia S. & C. Co. New Glasgow, N.S.
Jas. W. Pyke & Co.Montreal.
Steel Co. of Canada, Ltd.Hamilton, Ont.

Babbitt Metal
C. H. Besly Co.Chicago, Ill.
Tallman Brass & Metal Co. Hamilton, Ont.

Batteries, Storage
T. A. Edison Co., Inc.Orange, N.J.

Battery Boards
Geo. C. RoyceWest Toronto, Ont.

Beacons
International Marine Signal Co.Ottawa.

Bearings, Side
Canadian Car & Foundry Co.Montreal.
Chicago Railway Equipment Co.Chicago.

Blankets and Bedding
The Hudson's Bay Co.

Blasting Powder
Curtis's & Harvey (Canada) Ltd.Montreal.

Boiler Checks
Nathan Manufacturing Co.New York.

Boilers
Babcock & Wilcox, Ltd.Montreal.
Polson Iron Works, Ltd.Toronto.
Robb Engineering Co., Ltd.Amherst, N.S.

Boilers, Portable
Babcock & Wilcox, Ltd.Montreal.
Polson Iron Works, Ltd.Toronto.
Robb Engineering Co., Ltd.Amherst, N.S.

Boilers, Stationary and Marine
Babcock & Wilcox, Ltd.Montreal.
Polson Iron Works, Ltd.Toronto.
Robb Engineering Co., Ltd.Amherst, N.S.

Boilers, Steam
Babcock & Wilcox, Ltd.Montreal.
Polson Iron Works, Ltd.Toronto.
Robb Engineering Co., Ltd.Amherst, N.S.

Boilers, Water Tube
Babcock & Wilcox, Ltd.Montreal.
Robb Engineering Co., Ltd.Amherst, N.S.
Polson Iron Works, Ltd.Toronto.

Bolsters
Canadian Car & Foundry Co.Montreal.
Whyte Railway Signal Co.Toronto.

Bolt Cutters
London Machine Tool Co., Ltd.Hamilton.

Bolts and Nuts
Steel Co. of Canada, Ltd.Hamilton, Ont.

Bolts, Track
Nova Scotia S. & C. Co.New Glasgow, N.S.

Borers, Car Wheel
John Bertram & Sons Co.Dundas, Ont.

Boring Mills
London Machine Tool Co., Ltd.Hamilton.

Brake Beams
Buffalo Brake Beam Co.Brantford, Ont.
Canadian Car & Foundry Co.Montreal.
Chicago Railway Equipment Co.Chicago.

Brake Shoes
Am. Brake Shoe & Fdry. Co. Mahwah, N.J.
Canada Iron Corporation, Ltd.Montreal.
The Holden Co., Ltd.Montreal.

Brake Shoes, Locomotive Driver
Am. Brake Shoe & Fdry. Co. Mahwah, N.J.
Canada Iron Corporation, Ltd.Montreal.
Dorner Railway Equip. Co.Chicago, Ill.
Railway Materials Co.New York.

Brass
C. H. Besly Co.Chicago, Ill.

Brasses, Car
T. McAvity & SonsSt. John, N.B.

Bridge Numbers
Acton Burrows, LimitedToronto.

Bridges
Canadian Bridge Co.Walkerville, Ont.
Cleveland Bridge & E. Co. Darlington, Eng.
Corbet Foundry Co. Ltd. Owen Sound, Ont.
Dominion Bridge Co.Montreal.

Bronze
American Vanadium Co.Pittsburgh, Pa.
Titanium Alloy Mfg. Co.Montreal.

Buckets, Coal, Ore and Concrete
M. Beatty & Sons, Ltd.Welland, Ont.
Brown Hoisting Machinery Co.Cleveland.

Buildings, Steel
Canadian Bridge Co.Walkerville, Ont.
Cleveland Bridge & E. Co. Darlington, Eng.
Dominion Bridge Co.Montreal.

Bumping Posts
Dominion Equip. & Supply Co.Winnipeg.
The Holden Co., Ltd.Montreal.
McCord & Co.,Chicago, Ill.

Buoys
International Marine Signal Co.Ottawa.

Cables, Electric and Feeder
Canada Wire & Cable Co., Ltd.Toronto.
Chapman & Walker, Ltd.Toronto.
E. F. Phillips Electrical Works.Montreal.
The Wire & Cable Co.Montreal.

Capstans
Dake Engine Co.Grand Haven, Mich.

Car Furnishings
Gulford S. WoodChicago, Ill.

Car Movers
Dominion Equip. & Supply Co.Winnipeg.
F. H. Hopkins & Co.Montreal.
Mussens, Ltd.Montreal.

Car Roofing
Franklin Railway Supply Co.New York.

Cars
R. M. Burns & Co.Chicago, Ill.
Crossen Car Mfg. Co.Cobourg, Ont.
Canadian Car & Foundry Co.Montreal.
Dorner Railway Equip. Co.Chicago, Ill.
J. T. GardnerChicago, Ill.
Hart-Otis Car Co., Ltd.Montreal.
Ottawa Car Co., Ltd.Ottawa.
Pay-As-You-Enter Car Co.Montreal.
Preston Car & Coach Co., Ltd.Preston.
Russel Wheel & Fdry Co.Detroit, Mich.
Western Wheeled Scraper Co.Aurora, Ill.

Car Signal Systems
Ohio Brass Co.Mansfield, Ohio.

Cars, Logging
Russel Wheel & Fdry Co.Detroit, Mich.

Castings
American Vanadium Co.Pittsburgh, Pa.
Canadian Car & Foundry Co.Montreal.
Crossen Car Mfg. Co.Cobourg, Ont.
Lumen Bearing Co.West Toronto, Ont.
Russel Wheel & Fdry Co.Detroit, Mich.
Titanium Alloy Mfg. Co.Montreal.

Castings, Brass
Canada Iron Corporation, Ltd.Montreal.
Canadian Bronze Co.Montreal.
Corbet Fdry Co., Ltd.Owen Sound, Ont.
Kerr Engine Co.Walkerville, Ont.
Lumen Bearing Co.West Toronto, Ont.
Tallman Brass & Metal Co.Hamilton, Ont.

Castings, Car
Am. Brake Shoe & Fdry. Co. Mahwah, N.J.
Canada Iron Corporation, Ltd.Montreal.
Russel Wheel & Fdry Co.Detroit, Mich.

Castings, Iron
Allis-Chalmers-Bullock, Ltd.Montreal.
Canada Iron Corporation, Ltd.Montreal.
Corbet Fdry Co., Ltd.Owen Sound, Ont.
Kerr Engine Co.Walkerville, Ont.
Russel Wheel & Fdry Co.Detroit, Mich.

Castings, Iron and Steel
Am. Brake Shoe & Fdry. Co. Mahwah, N.J.

Castings, Malleable
Galt Malleable Iron Co.Galt, Ont.
Pratt & Letchworth Co.Brantford, Ont.
Taylor & ArnoldMontreal.

Castings, Manganese Steel
Canadian Steel Foundries, Ltd.Montreal.
Lumen Bearing Co.West Toronto, Ont.

Castings, Steel
American Vanadium Co.Pittsburgh, Pa.
Canada Iron Corporation, Ltd.Montreal.
Canadian Steel Foundries, Ltd.Montreal.
W. Kennedy & Sons, Ltd.Owen S'd, Ont.
Pratt & Letchworth Co.Brantford, Ont.
Titanium Alloy Mfg. Co.Montreal.

Catenary Materials
Ohio Brass Co.Mansfield, Ohio.

Chains
B. J. Coghlin & Co.Montreal.

Circuit Breakers
Geo. C. RoyceWest Toronto, Ont.

Closets, Car
Duner Co.Chicago, Ill.

Coal
Nova Scotia S. & C. Co.New Glasgow, N.S.

Compressors, Air
Allis-Chalmers-Bullock Ltd.Montreal.
Canadian Rand Co.Montreal.
The Holden Co., Ltd.Montreal.
Mussens, Ltd.Montreal.

Concrete Mixers and Rock Crushers
Dominion Equip. & Supply Co.Winnipeg.
F. H. Hopkins & Co.Montreal.
Mussens, Ltd.Montreal.

Contractors' Supplies
American Hoist & Der. Co. St. Paul, Minn.
Dominion Equip. & Supply Co.Winnipeg.
F. H. Hopkins & Co.Montreal.
Rice Lewis & SonToronto.
Russel Wheel & Fdry Co.Detroit, Mich.
Western Wheeled Scraper Co.Aurora, Ill.

Conveyors, Coal and Ash
Babcock & Wilcox, Ltd.Montreal.

Copper
C. H. Besly Co.Chicago, Ill.

Copying Presses
James Smart Mfg. Co.Brockville, Ont.

Couplers, Car and Locomotive
Canadian Car & Foundry Co.Montreal.
Canadian Steel Foundries, Ltd.Montreal.
McConway & Torley Co.Pittsburgh, Pa.
Ohio Brass Co.Mansfield, Ohio.
Taylor & ArnoldMontreal.

Couplers, Steam
Consolidated Car Heating Co. Albany, N.Y.

Cranes
Brown Hoisting Machinery Co.Cleveland.
Dominion Equip. & Supply Co.Winnipeg.
Northern Engineering Wks.Detroit, Mich.

Cranes, Electric
Babcock & WilcoxMontreal.
Dominion Bridge Co.Montreal.
Mussens, Ltd.Montreal.
Northern Engineering Wks.Detroit, Mich.

Cranes, Locomotive
American Hoist & Der. Co. St. Paul, Minn.

Cranes, Wrecking
Mussens, Ltd.Montreal.

Crowbars
B. J. Coghlin & Co.Montreal.

Curtains and Fixtures, Car
The Holden Co., Ltd.Montreal.
Preston Car & Coach Co.Preston, Ont.