

James Playfair & Co., Midland, have made these appointments for this season: Steamer "St. Andrew," Capt. W. H. Featherstonhaugh, Engineer Thos. Crossley; steamer "Magnolia," Capt. R. H. Gilbertson, Engineer A. E. House; steamer "Metamora," Capt. James Tindell, Engineer George N. Smith; steamer "Minataga," Capt. Edward Burke, Engineer James McGregor; steamer "Margherita," Capt. James O'Connor, Engineer Henry Hewitt.

The Northern Navigation Company, of Ontario, Ltd., has made the following appointments for the season of 1900:

Steamer.	Captain.	Engineer.
Majestic	P. M. Campbell	W. J. Asten
City of Collingwood	W. J. Bassett	C. Robertson
City of Midland	F. X. La France	Wm. Whipps
Germanic	R. D. Foote	Jos. Asten
City of Toronto	John O'Donnell	D. McQuade
Atlantic	Jas. Wilson	H. Clelland
City Parry Sound	Ernest Walton	James Smith
Britannic	C. A. Jacques	Samuel Beatty

The Toronto Ferry Co., Ltd., has made these appointments for the season:

Steamer.	Captain.	Engineer.
Mayflower	G. Moulton	E. Abby
Primrose	R. Williams	S. A. Mills
Shamrock	T. Jennings	Isaac Jamieson
Thistle	A. Martin	W. Hopkins
Island Queen	M. Corcoran	T. Good
Luella	C. H. Tufford	J. Smiley

The following appointments have been made in the Montreal Transportation Co.'s fleet for season of 1900:

Steamer.	Captain.	Engineer.
Active	John Gaskin	John Hamilton
Bronson	Joseph Murray	Robert Hepburn
Bannockburn	Alex. Milligan, Jr.	Richard Taylor
D. G. Thompson	Jas. Murray	Geo. Henderson
Glide	Thos. Murphy	M. Rankin
Glengarry	Gordon Kean	Chas. Napper
Jessie Hall	Chas. Martin	Geo. Tuttle
Rosemount	Jas. Mawdesley	John Evans

The Calvin Co., Ltd., Garden Island, Ont., has made the following appointments for 1900:

Steamer.	Captain.	Engineer.
India	A. H. Malone	Thos. C. Smith
Bothnia	Geo. A. Brian	Robt. Veech
D. D. Calvin	Chas. Coon	W. H. Cunningham
Reginald	John Doyle	John Kennedy
Chieftain	John Sullivan	Thos. Gray
Parthia	David Lefave	George Sauvé
W. Johnston	Chas. E. Felix	Thos. Campeau
Blue Bell	John Dix	Chas. Le Riche

The Richelieu & Ontario Navigation Co. has made the following appointments to the various steamers of the fleet for this season:

Steamer.	Captain.	Engineer.
Quebec	L. O. Boucher	F. Gendron
Montreal	L. St. Louis	F. N. Hamelin
Berthier	C. Gouin	E. Arcand
Terrebonne	E. Gouin	A. de Martigny
Chambly	J. A. S. Paulet	C. Gendron
Three Rivers	F. St. Louis	J. Matte
Laprairie	P. McLean	G. Gendron
Hochelaga	H. Maudeville	F. Chapdelaine
Longueuil	F. Jodoin	N. Beaudet
Hosanna	D. Mongeau	E. Gendron
Mouche-a-Feu	F. Crepeau	B. Plantal
Sorel	A. Berthiaume	F. Beauceage
Saguenay	C. Lapierre	E. Hamelin
Canada	Jos. Dugal	E. Denis
Carolina	G. Riverin	M. Latulippe
Toronto	H. Esford	Wm. Black
Hamilton	A. J. Baker	R. Marshall
Spartan	H. P. Grange	N. Beaudin
Corsican	John McGraw	W. Parker
Algerian	D. Mills	— Hazley
Bohemian	A. Dunlon	A. R. Milne

The Georgian Bay Navigation Co. has recently ordered a 300-light dynamo from the Electrical Construction Co., London, Ltd., for one of its boats, to take the place of a 150-light dynamo installed two years ago by the same company, which has given every satisfaction.

It has been announced that in order to meet the requirements of its growing trade, between Cape Breton and Boston, Mass., the Dominion Coal Company has decided to have three large steamers built in Newcastle, Eng. It is understood that each will have a capacity of 6,000 tons, and a speed of 20 knots.

A serious accident occurred March 19th, on the tug "Ymir," at Kootenay Landing, B.C., when R. L. Brown, chief engineer, and Hedley St. Clair, second engineer, were scalded by escaping steam. The engineers were overhauling when a valve broke; the steam rushed out and enveloped them from head to foot. Both were frightfully burned.

The Richelieu & Ontario Navigation Co. has placed under contract a sister ship to the "Toronto," to be called the "Kingston." The new boat will be 14 feet longer than the "Toronto;" the interior fittings, etc., will all be designed by Bond & Smith, architects, Toronto, whose work in the "Toronto" we have referred to at length in former issues.

## Mining Matters.

Owing to the amount of space devoted to the report of the Canadian Mining Institute meeting the Editor has been obliged to hold over a large amount of mining news.

The Pembroke Observer says: J. W. Munro has secured, in bond, the Gallagher coal oil well on Allumette Island.

The deep well of the Standard Oil Co., at Inwood, Ont., is said to have proved a failure. A depth of 2,700 feet had been reached.

Sir Wm. Macdonald is about to endow the teaching faculty of mining and chemistry at McGill University, Montreal, with additional sums amounting to almost a quarter of a million dollars.

The Parry Sound district has been recently visited by Dr. N. Lechuen, St. Paul, Minn., on behalf of those interested in the Parry Sound Copper Co. After examining the Wilcox mine on Spider Lake Bay he estimated that the copper ore in this property to the depth to which the shaft has now been sunk might be valued at \$9,000,000. This is one of a number of promising properties in this district, and large development is looked for.

—The Hamburg-American Line and North German Lloyd's are each having their new two mail vessels fitted with ice-making and refrigerating machinery. These steamers are now being built by the Vulcan Works, Stettin, for the mail service between Germany, Australia, and China, under contract with the Government. One of the vessels has already left on her first voyage, and a matter of interest is that in addition to the usual cold chambers and ice-making plant, two of the staterooms have been cooled. One of these was recently occupied by Sir Claude Macdonald, on his return to China, and the cool atmosphere added great additional comfort to the voyage. We believe this is the first instance of staterooms being cooled by means of refrigerating machinery, though in several cases such machinery is used for cooling dwelling houses on land. We think that there will be a wide field for this special application, and it will certainly add enormously to the comfort of passengers during a voyage through tropics.

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