

THE OFFICIAL INAUGURATION OF THE 271/2 FOOT CHANNEL.—The 7th of November, a bright, crisp morning, at 6.30 sharp the splendid Allan Line steamship Sardinian is unmoored, towed into the stream, and glides down the is unmoored, towed into the stream, and glides down the broad St. Lawrence, to test the depth of the channel. The method adopted for this purpose is simple and conclusive. A huge piece of timber, about 18 inches square and 50 feet long, has been firmly lashed to the side of the ship with ropes and chains, 27½ feet of its length being submerged in an upright position. If its lower end do not strike or scrape the bed of the river (and if it should, the vessel would tremble from stem to stern), then the feat is accomplished; the Montreal Harbour Commissioners have made the St. Lawrence safe for vessels drawing 27½ feet of water. The deck was well crowded, and when the sun came out with genial warmth, the Sardinian's passengers settled down to enjoy themselves. Among those present were: with genial warmth, the Sardinian's passengers settled down to enjoy themselves. Among those present were:—Sir Hector Langevin, Minister of Public Works; Hon. C. H. Tupper, Minister of Marine and Fisheries; Messrs. Andrew Robertson, (chairman), Henry Bulmer, J. O. Villeneuve, Hugh McLennan, Charles H. Gould, Andrew Allan, Harbour Commissioners; and Alex. Robertson, secretary; Acting-Mayor Clendinneng, Alphonse Desjardins, M.P.; J. J. Curran, Q.C., M.P.; Senator Ogilvie, Thomas C. Keefer, C.E.; John Sirois, C. Herchell, C.E., of Holyoke, Mass.; Wm. Smith, deputy minister of marine; D. O'Brien, R. Prefontaine, M.P.; G. Balcer, secretary of the Three Rivers Harbour minister of marine; D. O'Brien, R. Prefontaine, M.P.; G. Balcer, secretary of the Three Rivers Harbour Commission; Charles Gariepy, G. M. Kinghorn, M. Lefebvre, Hon. B. D. Babcock, Mayor of Cleveland; W. B. Anderson, engineer of the Marine Department; Commission; Charles Gariepy, G. M. Kinghorn, M. Lefebvre, Hon. B. D. Babcock, Mayor of Cleveland; W. B. Anderson, engineer of the Marine Department; P. B. Valin, chairman Quebec Harbour Commissioners; A. Trudel, editor L'Etendard; Henry F. Perley, chief engineer Department of Public Works; D. H. Henderson, Ald. J. D. Rolland, A. A. Ayer, W. R. Elmenhorst, Jas. Williamson, G. E. Jaques, Capt. Labelle, M.P., Professor Bovey, E. B. Hannaford, chief engineer of the Grand Trunk; R. M. Esdaile, A. F. Riddell, R. W. Shepherd, W. M. Stewart, F. A. Routh, H. Wallis, mechanical superintendent Grand Trunk Railway; City Surveyor St. George, T. D. Hood, James Slessor, A. B. Lavigne, J. Kennedy, chief engineer Montreal Harbour Commissioners; D. McCarthy, Sorel; H. Buchanan, A. A. Taillon, Mayor of Sorel; H. Harvey, editor Trade Review; W. G. Sproule, G. R. W. Notman, G. Baird, W. W. L. Chipman, Ontario Bank; G. E. Desbarats, Dominion Illustrated; H. Archibald, J. H. R. Molson, B. Beaudet, Capt. Douglas, R.N.R.; W. L. Scott, Capt. R. W. Shepherd, W. S. Kennedy, J. R. Dougall, editor Witness; Daniel Wilson, A. D. Milloy, E. Schultz, Austro-Hungarian Consul; Ald. Richard White, J. O'Neil, J. C. Sinton, G. Lessard, L. Bruille, Adaptit, barbour, prosets. A. D. Milloy, E. Schultz, Austro-Hungarian Consul; Ald. Richard White, J. O'Neil, J. C. Sinton, G. Lessard, L. Bruille, deputy harbour master, St. Louis; Ald. M. Malone, G. A. Robertson, Thos. Long, Calcutta; Lieut.-Col. Forsyth, Quebec Harbour Commission; E. L. Bond, A. Demartigny, R. R. Dobell, G. M. Dufresne, City Clerk Glackmeyer, Harbour Master Thos. Howard, Jos. Howden, C. B. Lenghon, M.D. Spasiek, Vice Consult, Alexander Glackmeyer, Harbour Master Thos. Howard, Jos. Howden, C. B. Leprohon, M.D., Spanish Vice-Consul; Alexander Murray, Wm. Muir, Chas. McLean, C. Cantin, Collector of Customs Ryan, City Comptroller Robb, E. Roy, L. J. Seargeant, Jas. G. Shaw, Ald. Stevenson, Hon. L. O. Taillon, Ald. Villeneuve, Molyneux St. John, editor Herald; Geo. Hadrill, secretary Board of Trade; W. D. Master, Alex. Milloy, F. Gardner, W. P. Wonham, E. D. Pease, Bank of Halifax; Lieut. W. H. Smith, R. N.R., steamship, Parision. The party consisted alterether of steamship Parisian. The party consisted altogether of about 120 persons. The steamer's masts were gaily decorated with flags and bunting, and everybody was in the highest spirits. A more successful outing it would be hard to imagine. Off Longueuil breakfast was announced and was done full justice to. The deck, after breakfast, was the favourite parade. During the early part of the trip Mr. Desbarats, of the DOMINION ILLUSTRATED, utilized the Desbarats, of the DOMINION ILLUSTRATED, utilized the time in obtaining several groups for the next issue of the paper. The Board of Harbour Commissioners, the M.P.'s, with the two ministers, the aldermen and the Press were honoured. As we slip down the river, past the miles of wharfage, the early morning is beginning to glow with promising brilliancy. The smoke is rising from thousands of homes; as we pass the great Hudon Cotton Mills, their twin chimneys are belching forth a murky cloud. Here we risk a plate, and photograph the waking city, still enshrouded in the morning's mists. A little further down, as we pass one of the Harbour Commissioners' steam dredges, we take a shot at her, and secure, at the same time, a view of the fast receding Mount Royal, and of the huge buildings of the fast receding Mount Royal, and of the huge buildings of the St. Lawrence Sugar Refining Company. These two views, taken from mid-stream, before 7 o'clock, and bespread with the glory of early morn, serve well to give people at a distance an idea of the ample width of our St. Lawrence, away up in the heart of the continent, a thousand miles from see. nawrence, away up in the heart of the continent, a thousand miles from sea. Six miles below Montreal, we pass the pretty church of Longue Pointe, of which we get a picture, together with the St. Benoit, or St. Benedict, asylum for infirm, epileptic and aged men, and, we are told, for inebriates also, kept by the Brothers of Charity. In the background is the Asile St. Yean de Dieu, commonly known as the Long Point Insane Asylum. Later on we get several beautiful photographs of the Canada Shipping Company's steamer

Lake Ontario, of the Beaver Line, which, on her way to the ocean, convoys the excursion, hovering sometimes on the starboard, sometimes on the larboard quarter, and, again, dropping dead astern, as we see her in the picture taken as we pass Three Rivers. Here the tooting of a score of steamers and tugs, saluting our passage, makes diversion. Few of us had ever seen Three Rivers by daylight, and the impression made by the shimmering of substantial buildings and shining roofs, through the lace-like veil of trees, was and snining roots, through the lace-like veil of trees, was very pleasant. The shipping men viewed, with an eye of envy, the great piles of lumber stacked along the shore. But the feature of the morning was, undoubtedly, the photographing of the groups. There was an amount of enthusiasm and good humour displayed by those subjected to the process that spoke volumes for the excellence of the breakfast they had on board. Volunteers were found to muster and convene the members of the several bodies, and, at the signal, all came forward with alacrity, although they had signal, all came forward with alacrity, although they had, for the most part, to sit in the sharp north wind, on the shady side of the ship. Thus the genial Captain Labelle convened the ministers and members of Parliament, who all look happy and comfortable in the picture we give of the group. As the names are all given beneath the engraving, it is not necessary to repeat them here. Sir Hector and Mr. Taillon look rather chilly. They were chilly; but they bore up like men. We next record, with photographic accuracy, the Montreal Harbour Commissioners present on curacy, the Montreal Harbour Commissioners present on this occasion. The legend under the picture gives the names. We wish we could have had the Commission complete. We miss Mr. Edward Murphy and Mr. Victor Hudon, unavoidably absent, and Hon. Mr. Abbott, away in England. We hope to have an opportunity of giving their portraits later on. Mr. Alex. Robertson, secretary of the Board, was the convener. Next come the Quebec Harbour Commissioners, kindly marshalled by Mr. Edmond Giroux. Their presence on board was a source of great satisfaction to the guests, as betokening a friendly and liberal interest in the great work. Mr. J. M. Dufresne, president of the French Chamber of Commerce, of Montreal, mustered his own men, and to show he was not exclusive, managed to get an Irishman, an Englishman and a German managed to get an Irishman, an Englishman and a German into his group. The shippers, forwarders and merchants naturally formed a numerous body on this occasion. Mr. Wm. Stewart, of the Montreal and Kingston Forwarding Company, took charge of them and gathered a representa-tive group of shipowners, shipbuilders, ship captains, for-warders, bankers, manufacturers, sugar men and vinegar men, Customs officers and Post officers, to share his immormen, Customs officers and Post officers, to share his immortality. And every one of the twenty four is a perfect likeness. Now comes the Press gang. They all speak for themselves, generally and frequently, and of.en, as on this occasion, all together, but not, as on this occasion, unanimously. Here they were all of one opinion—that they were having a fine time. Excellent engravings of the members and officials of the City Council of Montreal, of the Civil Engineers present, of Senator Ogilvie, Mr. Seargeant and Mr. Allan, and a very artistic picture of the Steamship Lake Ontario, will be published next week, together, probably, with large portraits of the Minister of Public Works and of the chairman of the Montreal Harbour Commissioners, accompanied by the continuation of our Commissioners, accompanied by the continuation of our narrative and commentary.

Public Works and of the chairman of the Montreal Harbour Commissioners, accompanied by the continuation of our narrative and commentary.

HISTORY OF THE WORK.

Previous to the date of Confederation, July 1st, 1867, the ship channel had been improved at various times, until at that time there was, throughout the whole distance between Montreal and Quebee, a minimum width of 300 feet, with a depth of 200 feet at ordinary low-water. Shortly after that the growing trade of the St. Lawrence, and the increasing size of vessels, demanded that the ship channel should be further deepened, and an act was passed by Parliament in May, 1873, authorizing the Government to contract a loan of \$1,500,000 to defray the expenses of completing the ship channel from Montreal to tide-water, above Quebec, to a depth of not less than 22 feet at low water, and a width of not less than 300 feet, the work to be performed under the superintendence of the Department of Public Works, either by the Harbour Commissioners or in such other manner as the Governor-in-Council might determine. It was further provided that the interest on the loan fixed at 5 per cent. should be paid by the Harbour Commissioners out of the revenue of the port of Montreal. Operations were commenced in the spring of 1874 with one dredge and a stone-lifter, and contracts were entered into for the building of six large elevators or ladder dredges, and also for the purchase of tugs, scows and other plant required. The new plant was finished and set to work in the spring of 1875 and was kept steadily at work during the season of navigation of each year, until the close of 1878, when a minimum depth of 22 feet had been attained at all points, except between Cap Levrant and Cap Charles, where it was necessary to take advantage of the tide. Up to that time there had been spent for new plant \$523,902, and for working expenses \$528,610, or in all \$1,153,312. It was then decided, in view of the rapid increase in the size of vessels engaged in the Atlantic trade, and the moderate

that all except Cap Charles and Cap la Roche would have been practically finished by the close of navigation, and to accomplish it the greater part of the dredging fleet was worked night and day. Its accomplishment was, however, found impossible owing mainly to unusually great interruptions by storms and for repairs, and to the dredging in several places having proved harder than was anticipated. Above Cap la Roche several small pieces of dredging remain to be done, but there are no considerable sections, except about 2½ miles of very soft clay in Lake 5t. Peter, and about ½ of a mile, mostly detached lumps, at Point aux Trembles, en haul, all of which can be finished by the time of low water next summer." The work has this season been prosecuted to a successful completion at all points, and the 2½ foot channel from Montreal to Quebec has been formally opened. The following statement shows the growth of the sea going shipping trade at Montreal since the work of deepening from 20 feet at low water to 27½ feet was begun:

									1873	Tons.	
								No.	Tons.	No.	1000
Steamships.								242	245.237	600	807,47
Ships								72	65,823	6	43,275
Barques								164	75,594	68	43,118
Brigs				•				18	4,660	2	2,031
Brigantines.	٠.							59	8,581	.7	8,194
Schooners			٠	٠		٠	•	149	12,583	83	
Totals										767	870,773
rotais								704	412.478	707	. 1.

This is one of the sweet visions of Sir Frederick Leighton, President of the Royal Academy of Art. shapely head stands well balanced on the shoulders, and is the crowned with a wealth of straight hair, as black as the raven's wing. The broad side-face, relieved by the Grecian nose and nostril, full lip and large eye, combine to make a face that arrests the gaze of the beholder. The necklace of pearls, large as anricots the graceful pearls, large as apricots, the graceful sweep of the white sleve, bound by the embroidered bodice or corsage of black velvet, bring out the figure gracefully, as far as the bust goes. Who is this Viola, and what countrywoman is she? Every one of our readers may green as he lists, but she? Every one of our readers may guess as he lists, but we have a fancy of linking her with the arch and fair heroine of Shakespeare's "Twelfth Night, or What You Will." Viola was an Illyrian maid, and she won her suit—the hand of Orsino, the Duke of Illyria—by percenting a page, un of Orsino, the Duke of Illyria—by personating a page, under the name of Cesario. Who knows but that the demure girl whom we have before us, thoughtful and ingenuous as she seems, is now planning berelet with the capitain the seems, is now planning her plot with the coast captain and his sailors:

And his sailors:

I prythee (and I'll pay thee bounteously),
Conceal what I am; and be my aid
For such disguise as, haply, shall become
The form of my intent. I'll serve this Duke.
It may be worth thy pains; for I can sing,
And speak to him in many sorts of music,
That will allow me very worth his service.

And the Duke was taken in at once, and he fed his soul on

the music of love:

That strain again: it had a dying fall;
O, it came o'er my ear, like the sweet s
That breathes upon a bank of violets,
Stea'ing at d giving odour!

COLERIDGE is at the head of the Lake of Bays, Muskoka, and is the end of the free grant road known as Bobcaygeon Road. It is the place where hunting parties hire canoes to start on their fishing and shooting excursions to Hollow, Bear, Round and Kimball's Lakes, where deer and bear have been very plentiful, sad inroads upon which have been made by insatiate hunters. Zach. Cole, the first settler, after whom the place was named, is a characteristic specimen of the Canadian pioneer. He died last winter, after a chequered career of twenty-five years in this spot. The drawing which we reproduce is a pen and ink sketch by Mr. Thos. Mower Martin, R.C.A., from which this artist intends to paint a large water-colour picture of the scene.

CALGARY.—Here is another of the wonders of the COLERIDGE is at the head of the Lake of Bays, Muskoka

to paint a large water-colour picture of the scene.

CALGARY.—Here is another of the wonders of the Northwest. Five years since there would have been nothing of Calgary to show in a photograph. To-day it is spread before us, within sight of the Foot Hills, within easy distance of the great Ranche territory, with all the appliances of a modern town—a railway, a river, churches, schools, newspapers, public buildings. The people have unbounded faith in their growing town, saying that Alberta is the sirloin of Canada and Calgary the tenderloin of Alberta.

A SKETCH IN MONTREAL HARDOUR. The engraving

A SKETCH IN MONTREAL HARBOUR.—The engraving on our cover is a fitting accompaniment to the main features of this number. of this number. A fug is towing into midstream a heavily laden steamer about to sail for Europe. The photograph was evidently taken in the spring, at high water.

LITERARY NOTES.

Mr. Rameau, the French Publicist, has received a dipl ma from the Laval University conferring on him the title of Doctor of Letters.

The Abbé Bois, curate of Maskinongé, and one of the most learned collectors of Canadian antiquities in the Province, is lying danger and the collections of the colle Province, is lying dangerously ill.

The *Progress* is the name of a bright and able literary weekly published at St. John, N.B. Among the contributors are C. G. D. Roberts. M.A tors are C. G. D. Roberts, M.A.

The Almafilian is a neat little monthly paper, of quarto shape, published at Alma College, St. Thomas, Ontario. It is edited mainly in the interests of the young ladies of the institution, but has also a considerable the restriction the institution, but has also a considerable subscription list outside.

We are glad to learn that Mr. Gerald E. Hart has in mind to put forth a second edition of his important work on "The Fall of New France," with notes and additions suggested by the wild warmen. suggested by the wide range of review which the volume has received.

The Montreal Society for Historical Studies opened its winter session last week with two interesting papers, one "The Family Compact," by Mr. John Fair, jr., John and the other on "Marquette," by the President, Mr. John Talon-Lesperance.