

1940-41 / 248

The Reclassified Hydrographie Service and the *war Measures Act 1248*

Division of Hydrography / 249

Tidal and Current Survey / 252

Precise Water Levels / 253

Chart Construction / 253

Chart Distribution / 253

1941-42 / 254

Division of Hydrography / 254

Tidal and Current Survey / 257

Precise Water Levels / 258

Chart Construction / 258

Chart Distribution / 258

1942-43 / 258

Division of Hydrography / 259

Tidal and Current Survey / 262

Precise Water Levels / 263

Chart Construction / 263

Chart Distribution / 263

Expenditure 1939-42 / 263

1943-44 / 263

Division of Hydrography / 264

Tidal and Current Survey / 268

Precise Water Levels / 268

Chart Construction / 269

Chart Distribution / 269

1944-45 / 269

Division of Hydrography / 270

Sailing Directions / 274

Tidal and Current Survey / 274

Precise Water Levels / 274

Chart Construction / 275

Chart Distribution / 275

1945-46 / 275

Amendment of Wartime Staff Controls, 1945-47 / 276

Division of Hydrography / 276

Tidal and Current Survey / 280  
Precise Water Levels / 280  
Chart Construction / 280  
Chart Distribution/281

1946-47/281

Division of Hydrography / 282  
Sailing Directions, Headquarters / 285  
Tidal and Current Survey / 286  
Precise Water Levels / 286  
Chart Construction and Reproduction / 287  
Chart Distribution / 287

1947-48/287

Division of Hydrography / 289  
Sailing Directions / 294  
Tidal and Current Survey / 294  
Precise Water Levels / 294  
Chart Construction and Reproduction / 294  
Chart Distribution / 294

DEPARTMENTAL REORGANIZATION AND THE CANADIAN HYDROGRAPHIC  
SERVICE, 1947-48/295

RECAPITULATION, FISCAL YEARS, 1940-47 / 296

INDEX (prepared by Chesley W. Sanger and David R. Dawe) / 299

## INDEX

O.M. Meehan, *The Canadian Hydrographic Service: from the time of its inception in 1883 to the end of the Second World War (The Northern Mariner/Le Marin du Nord*, vol. XIV, nos. 1 and 2.

prepared by  
Chesley W. Sanger and Dennis R. Dawe

Given the highly particular nature of the manuscript, it was decided early on to ignore a fundamental rule of indexing. Normally passing references are not indexed, but it was felt that in this instance even single citations of persons, vessels and places involved in the establishment and growth of the Service and in the actual hydrographic surveying of Canada's coastal and inland waterways between 1883 and 1945 should be included. It was also necessary to adopt a number of specialized conventions:

1) although seldom provided by Meehan, secondary and tertiary place locations are identified in the index (Victoria, BC; Victoria Harbour, ONT; Victoria Harbour, PEI). It should be noted, however, that "regional" information of this nature was derived contextually, without reference to gazetteers and maps. Additionally, administrative and political boundaries changed dramatically after 1883, especially in western and northern Canada. *Place names should thus be considered accurate at the citation level only;*

2) unless generally accepted as an integral part of a port's name, the term 'Harbour', as commonly used throughout the text, is not included (St John's, NL / St John's Harbour, NL = St John's, NL);

3) for persons, given names (a minority) have been replaced by initials for consistency;

4) titles are generally ignored;

5) unless especially significant, items with more than 30 page citations are presented as (12-284:167) where the first reference is on page 12, and the last on 284, with a total of 167 individual references;

6) form and tense have been contracted to singular and present wherever possible;

7) entries for names beginning with 'Mac' or 'Saint' are alphabetized as if they are spelt out, even if contracted to 'M c' or 'St', but not 'Ste'.

Ed. Note: The text as published regrettably included some incorrect spellings. In the index, the correct spelling has been listed, with the incorrect spelling and the page where it was used in square brackets.

***The Northern Mariner/Le marin du nord*, XV No. 2 (April 2005), 299-357.**

- Abitibi Power and Paper Company, 230, 238
- Acadia*, 68, 76, 91-3, 98, 101, 103, 105, 107, 109-10, 112, 114, 117, 121-2, 124-5, 128-9, 132, 134-5, 146-8, 151, 153-4, 159-61, 163, 167-70, 172, 175-7, 183-4, 186, 191-2, 194, 196, 200, 204-5, 209, 218-19, 222-3, 228, 233-5, 240, 243, 246-50, 254, 259, 261, 264-6, 270-1, 275-7, 281-3, 288-90, 297
- Acadia Cove, Hudson Strait, 98, 191, 199, 266
- Act Respecting Technical Work in the Department of Marine and Fisheries (1892), 22, 140
- Act Respecting the Naval Service of Canada (1910), 72
- Adams Island, PQ, 224
- Addenbrooke Island, BC, 262
- Admirât Scheer*, 236
- Admiralty Hydrographical Office (Department), London, 9, 23, 69, 97, 100, 221
- Admiralty, London, (2-287:176)
- Admiralty, Lords Commissioners of, 2
- Admiralty MS XIV automatic sounding machine, 237
- Admiralty Surveyor, 2, 8, 26, 57, 108
- aerial (air) photography, 122, 148, 154, 159, 177, 183, 187-8, 193, 199-201, 205-6, 210, 212-13, 218, 223, 232, 241, 261, 267, 276, 284, 290. See also oblique
- Agamemnon Channel, BC, 273
- agriculture, 1. See also fishing (fishery); lumber(ing); mining; shipbuilding; tourist industry
- Aguanish River, PQ, 177
- Aguasabo River, ONT, 286
- aids to navigation, 4, 32, 61-2, 130, 162-3, 172, 185, 187, 189, 204-5, 220, 223, 232, 292
- Aids to Navigation Branch, Department of Marine (later Transport), 206, 209, 224, 229
- air base (port), 246, 250, 259, 261, 266, 284
- air force, 223, 248-9, 252
- Air Service (Air Board), 116, 128, 177
- air temperature, 14, 246, 257
- Akiavik Channel, Mackenzie River delta, NWT, 202
- Akiavik, Mackenzie River delta, NWT, 179, 201, 294
- Alaska, 31, 155, 201
- Alaskan border, 279
- Alberni Inlet, BC, 91
- Alberta, 43, 216, 218, 233
- Alberta Boundary Commission, 218
- Alberton Harbour, PEI, 76
- Alert Bay, BC, 101, 294
- Alette*, 92
- Alexandra Patch, BC, 66
- Algerine*, 266
- Algoma, ONT, 22
- Alice Arm, BC, 111
- Alien, L. B., 85
- Alien, T. W., 66
- Allford Bay, BC, 96
- Allison Harbour, BC, 130
- Alma*, 51
- Alma, NB, 254

- Almanac Office, London, 140  
Amadjuak Bay, Baffin Island, 144  
amalgamation, 43-5, 64, 102-3, 128-9, 138, 146, 190, 243, 245  
Amendment of Wartime Staff Controls (1945-1947), 276  
Amendment to the Civil Service Act (1908), 44, 64; (1919), 106, 121; (1947), 245  
American charts, 133  
American Geophysical Union, Washington, DC, 142  
American government, 24  
American Society of Civil Engineers, 49, 218  
American waters, 1, 15, 35  
Amet Sound, NS, 250, 260  
Amherst Basin, NS, 64  
Amherst, NS, 64, 68, 127, 206, 235  
Amherstburg, ONT, 89  
Amos, A., 45, 49, 55, 58, 60-1, 64, 67, 72, 229  
*Amphion*, 21  
anchorage, 8, 33-4, 75, 90, 98, 138, 150-1, 173, 181, 185, 198, 223-4, 266, 284  
Andersen, F., 124, 221  
*Anderson*, 246-7, 251, 259-60, 265, 271, 275, 277, 282-3, 288-90, 297  
Anderson, A., 147  
Anderson Channel, NWT, 202  
Anderson, F., 23, 35-7, 39-41, 45-7, 52, 55, 57-8, 61, 64-5, 68, 70, 73, 76, 78-84, 92, 95, 98, 102-4, 106-7, 109, 112-15, 117, 121, 124-5, 128, 132, 135, 137, 146-8, 151-2, 154-5, 157-9, 161, 167, 169, 171, 186, 204, 213, 215-16, 224, 260, 289, 293  
Anderson, H., 260  
Anderson, W. P., 3, 22, 24, 32-3, 38-40, 140  
Andrews, W. L., 123, 132, 136, 156, 165, 182, 203  
Anglo-Canadian Pulp and Paper Company, 229  
Angus, R., 143  
*Ann Long*, 11  
Annapolis Basin, NS, 260, 265  
Annapolis Royal, NS, 260, 265  
*Annie Geele*, 98, 103  
Anticosti Island, PQ, 129, 132, 135, 137, 140, 149, 151, 154, 183, 192, 205, 209  
Apple River Harbour, NS, 254  
Apple River, NS, 254  
*Arctic*, 80, 83-4  
Arctic, 4, 160, 175, 179, 189, 201-3, 259, 291  
Arctic Circle, 202  
Arctic Ocean (waters), 4, 163, 167, 184, 259  
Arctic Red River, NWT, 202  
Arctic tides, 142, 144  
*Argenteuil*, 220  
Argentia Bay, NL, 255  
Arisaig Brook, PEI, 290  
Aristazabel Island, BC, 152  
*Ark*, 65. See also *L'Arche*  
Arlington, Virginia, 107  
*Armentieres*, 211 -12, 231

- Arrow*, 51, 55  
*Arthur Orr*, 35  
 Arthur Passage, B C, 71, 78, 82  
 Arthur Young (and Company), Toronto, 105, 120  
 Ascroft, J., 202, 211, 238, 273, 279  
 Ashbury, F., 80  
 Ashe Inlet, Hudson Strait, 80, 261, 266  
 Ashe Island, Hudson Strait, 83  
*Asia*, 1-2, 12, 15, 19, 100  
 Association Internationale d'Océanographie Physique, France, 231  
 Assumption River, PQ, 113  
 Athabaskafn] River, A B, 163, 233, [285]  
 Atlantic cable (Bull's Arm, N L), 7  
 Atlantic Charter, 255  
 Atlantic Coast (seaboard), (4-297:127)  
 Atlantic Coast Survey, 43, 64, 68, 91, 98, 106, 114, 121, 124, 135, 147-9, 151  
 Atlantic Ocean (waters), 1, 76, 84, 86, 107, 139, 275  
*Atlas of Currents for the St Lawrence Estuary between Quebec and Father Point* (1939), 231, 240  
 Auditor General's Report, 123, 156, 182, 186, 215, 243, 273  
*Augusta*, 255  
 austerity, 159, 191, 208, 222  
 Australia, 7  
 Australian (Colonial) Survey, 7  
 automatic echo-sounding machine (automatic echo-sounder; automatic sounding machine), 159, 171, 200, 204, 209, 273, 297  
 Automatic Gauges Section (Unit), Hydrographie Survey (later Precise Water Levels Division), 3, 44, 87-9, 94, 103, 106-7, 109, 114, 117, 125, 132, 134, 145, 153, 158, 181, 201  
 automatic tide gauge, 124  
 automatic water-gauge, 3, 83, 86-9, 94, 97, 101, 103, 106, 108-9, 112, 114, 116, 119-20, 123, 131, 134-6, 140, 144, 150, 152, 155-7, 181, 231, 241  
*Aycliffe Hall*, 224
- Bachand, A. V., 186  
 Bachand, G. A., 55, 58, 61, 65, 70, 73-5, 78-9, 82, 89, 94, 100, 108-9, 111, 114, 124-5, 133, 135, 149, 151, 153, 162, 171, 176, 183, 185-6, 289  
 Baddeck, NS, 282, 289  
*Baffin*, 282  
 Baffin Island, 144, 160, 198-9, 203-4, 209  
 Bagot Point, PQ, 209  
 Baie Comeau, PQ, 229  
 Baie des Chaleurs, PQ, 53. See also Chaleur Bay (Bay Chaleur)  
 Baie Laval, PQ, 219  
 Baie Verte ship canal, 144  
 Bailley Brook, PEI, 290  
 Baker, G. W., 179, 188, 192, 200, 205, 219  
 Baker Inlet, B C, 225  
 Balcom Inlet, Hudson Strait, 198-9  
 Balcom, W. J., 191, 198-9, 208, 226, 240, 255, 261, 266  
 Baldock, E. D., 253

- Ballantynes Cove, PEI, 290  
Bamfield, BC, 143  
Banks, A. E., 295  
Banks Island, BC, 293  
Barachois, PQ, 255  
barge, 18, 179, 278, 292. See also canoe; craft; cutter; dinghy; dory; dredge; gig; houseboat; launch; motorboat; sail boat; tug; whaleboat; yacht  
Barker, H., 52  
Barkley Sound, Vancouver Island, 136, 143, 177, 180, 183, 188  
Barling, W. J., 226, 240, 288  
Barnaby Island, PQ, 229  
Baronet Passage, BC, 239  
Barra Strait, NS, 289  
Barrett, N., 21, 118, 127  
Barrier Inlet, Hudson Strait, 199  
Barrington Passage, NS, 148  
Bartlett, Captain "Bob," 74, 79  
Bartlett, S. W., 73, 83, 92  
barya chart, 258. See also egg route; harbour; isogonic; navigation; small boat; tourist; yachtsmen  
baseline, 10, 32, 185, 230  
Basque Harbour, PQ, 192  
Batchawana Bay, ONT, 37  
Bate, H. T., 99  
Bathurst, NB, 115  
Baxter, A. M., 271  
Baxter, A. W., 265  
Baxter, J. L., 90, 94  
Bay Bulls, NL, 259, 265, 271  
Bay of Exploits, NL, 264  
Bay of Fundy, 99, 112, 115, 124, 132, 137, 139, 142-4, 148, 153, 162, 165, 210, 221, 232, 254, 260, 265, 286  
Bay of Islands, NL, 234  
Bay of Quinte, ONT, 24, 32, 41, 173, 207, 219  
*Baychimo*, 201  
*Bayfield I* (formerly *Edsall*), 2, 11-16, 18-20, 22-8, 30-7, 122  
*Bayfield II* (formerly *Lord Stanley*), (38-297:150)  
Bayfield, H. W., 10, 29, 58, 187, 206, 210, 228, 235  
Baynes Sound, BC, 285  
BC Loan Building (Toronto-Dominion Bank), Victoria, BC. See buildings  
beacon, 17-19, 26, 37, 78, 99, 151-2, 154, 162, 179-80, 188, 192, 202, 206, 211, 228, 239, 249, 255, 265-6, 293  
*Bear*, 261, 267  
Bear's Rump, ONT, 11  
Beatty, E. W., 166  
Beatty Report, 166  
Beauchemin, J. U., 89, 94, 100, 108, 111, 113-14, 117, 121, 124, 130, 132, 135, 148-9, 152, 154, 162-3, 167, 175, 177, 183, 192, 200, 205, 209, 218, 222, 228, 234, 249, 254, 259, 264-5, 270, 276, 282, 289  
*Beaufort*, 169

- Beaufort Sea, 4, 179, 202, 272  
 Beauharnois Canal, PQ, 187  
 Beauharnois, Lake St Louis, PQ, 55  
 Beauharnois Power Company, 286  
 Beauieu Channel, PQ, 54  
 Beaujeu Bank, 8  
*Beaver*, 288  
 Beaver Harbour, NS, 228, 262  
 Beaver Lake, Mackenzie River, NWT, 284  
 Beaver Point, NS, 278  
*Beaverhill*, 272  
 Bedford Basin, NS, 107, 110, 115, 228, 235, 289  
 Bedford Institute of Oceanography, Halifax, 4  
 Bélanger, J. E., 107, 118, 129, 153, 162  
 Bélanger, V., 57, 60  
 Belfry Gut, NS, 250  
 Bell Island, Conception Bay, NL, 256, 259, 271  
 Bell, J., 190, 241, 253, 287, 295-6  
 Bell River, PEI, 277  
 Bella Coola, BC, 257  
 Belle Isle, NL, 137, 151, 176, 192, 222, 235, 240. See also Strait of Belle Isle  
 Belle River, ONT, 154, 178  
*Bellechasse*, 113, 220  
*Bellerophon*, 9  
 Bellman, J., 226  
 Belmont Building, Victoria, BC. See buildings  
 bench mark, 16, 88, 142, 144, 149, 152, 155, 164, 198, 228, 250, 268, 279-80, 289, 294  
*Bensas*, 267  
 Bent, E. D., 162-3  
 Bent, R. W., 226  
 Bent, R. W., 99, 108, 110, 113, 115, 117, 121, 124, 128, 132, 135, 149, 152-3, 162, 172, 176, 185-6, 195, 203, 207, 212, 221, 240, 266, 274  
 Bent Rock, PQ, 177  
*Beothic*, 83, 92  
 Berens River, M A N, 4, 36, 51, 188, 193, 206  
 Bernard Rock, ONT, 11  
 Bersimis River, PQ, 93, 132  
 Berthier, PQ, 201  
 Berthierville, Ottawa River, 65  
 Bertrand, A., 65.  
 Berts, H. H., 295.  
 Betty Island, NS, 276  
 Bic Island, PQ, 68, 76, 81, 221  
 Bickerdike, R. Jr, 45, 51, 55, 58, 61, 67  
 Big Bay, BC, 212  
 Big Black River, M A N, 36  
 Big Island, Lake Winnipeg, 36  
 Billard, G., 279, 292  
 Bird Rocks, PQ, 172, 200

- Black Bay, ONT, 66, 108-9, 111, 113, 116  
Black Bear Island, M A N , 36  
Black Hills Rock [Black Bills Rock], ONT, 20  
Black Island, M A N , 188, 193, 211  
Black Point, Cape Breton Island, 276  
Black Rock, NS, 282  
Blair Inlet, B C , 164  
Blair, R., 133  
*Blake*, 9  
Blanc Sablon, PQ, 218, 228, 234  
Bligh, Captain William ("Breadfruit"), 79  
Blockhouse Point, PEI, 210  
Bludworth deep recorder, 291  
Board of Works, Canada, 58, 65  
Boat Harbour, B C , 71  
Boer War, South Africa, 43. See also South African War  
Boisvert, J., 50, 57, 60  
Bond Head Harbour, ONT, 89  
Bonilla Point, B C , 193  
Bonne Bay, N L , 143  
Bonne Espérance, PQ, 218  
Borrowman, A. R., 82, 108, 118, 130, 133, 164, 194  
Borrowman Bay, B C , 130, 133  
Boston, U S A , 107, 156  
Botwood, N L , 246, 250, 264  
Bouchette, J., 29  
Boudreault, A. , 174, 207, 221  
*Boulton*, 148, 151, 153-4, 163, 178, 180, 187, 191, 195-8, 200-1, 204, 210, 219-20, 223-4, 229-30, 233, 237, 243, 251, 256, 261, 266, 272, 275, 278, 281, 283-4, 297  
Boulton, G. H. G. , 40  
Boulton, J. G. , 2-24, 26, 32-3, 40-1, 47, 54, 65, 67-8, 71, 87, 91, 97, 101, 114, 138, 148  
Boundary Bay, B C , 193  
boundary chart, 27, 72, 86-7  
Boundary Pass, B C , 150, 153, 220  
Boundary Treaty, Washington, DC (1908), 48, 66, 87, 117  
*Bounty*, 79  
Bourdon, H. , 189, 196, 226  
Bourdonnais, A. O. , 40, 45, 51, 55  
Bowes, L. T. , 93, 98, 106, 111, 113, 115, 117-18, 122, 124-5, 129, 132, 146-7  
Bowe[s?]-Evans, P. N. , 237, 251, 254-5, 260  
*Bradbury*, 179, 187  
Brading, K. D., 295  
Brannon, A. D. , 235  
*Brant*, 113, 115  
Bras d'Or Lakes, Cape Breton Island, 144, 235, 289, 297  
Bras d'Or Lake(s) Survey, 289  
Bremner, T. S. , 230, 238, 252  
Brewer, H. , 171-2  
Breynat Bight, Great Slave Lake, N W T , 173

- Bridgewater, NS, 254  
*Brightfan*, 198  
 Brigus, NL, 76, 259  
 Brion Island, PQ, 172, 200  
 British Admiralty chart, 75, 149, 190  
 British Admiralty Egeria Survey (1905), 212  
 British Admiralty, London, 3, 46, 57, 75, 107-8, 110, 140, 149, 168, 180, 183, 190, 200, 212, 221, 226, 246, 248, 277, 286  
 British Association for the Advancement of Science, 138  
 British Columbia, (21-297:144)  
 British Columbia Marine Railway Co. Ltd., Esquimalt, BC, 66  
 British Columbia Survey, 58, 62-3, 72, 92, 128, 134, 150, 152, 175  
 British Empire (Commonwealth), 48, 161  
 British government, 2, 48  
 British Government Surveys, 10  
 British Isles, 101, 236, 261  
 British North America Act (1867), 175  
*Britannic*, 90  
 Brockville Narrows, ONT, 187  
 Brockville, ONT, 51, 88, 172, 178, 187, 210, 230, 266  
 Brodeur, L. P., 72  
 Bronte, ONT, 100, 108  
 Brooklyn, NY, 169  
 Broughton Island, PEI, 283  
 Broughton River, PEI, 290  
 Brousseau, C, 45, 51  
 Brown, A., 90, 94  
 Brown, J, 136, 156, 182, 241  
 Brown, J. A., 285, 293  
 Brown, L. R., 150, 153, 156, [165]  
 Bruce County, ONT, 18  
 Bruce Mines, ONT, 20  
 Brudenell River, PEI, 290  
 Brule Harbour, NS, 250  
 Brunei, P., 295  
 Brunet, P., 258  
 Buccaneer Bay, BC, 251-2  
 Buctouche River, NB, 193, 271  
*Budge*, 62  
 Buffalo, NY, 1, 72, 86-7, 102, 109, 287  
 Buffalo River, Great Slave Lake, NWT, 164, 173, 272  
 buildings, 30, 50, 101, 127, 185, 283; BC Permanent Loan (British Columbia Loan; Toronto-Dominion Bank), Victoria, BC, 116, 133, 157, 202; Belmont, Victoria, BC, 292, 296; Confederation, Ottawa, 215-16, 242, 253, 296; Hunter, Ottawa, 157, 215, 241; J. A. Corry, Ottawa, 52, 60; Labelle, Ottawa, 215-16, 227, 242, 253, 296; Post Office, Victoria, BC, 202, 225, 242; Provincial, Charlottetown, PEI, 235; Rea (Daly), Ottawa, 101  
 Bull Rock, NS, 270  
 bulletin, 4, 83, 89, 97, 103, 116, 119, 174, 204, 208, 213, 227, 233, 241, 253, 268, 280, 287, 294, 297  
 Bull Arm, Trinity Bay, NL, 7

- buoy, (17-292:40). See also flag; gas; platform; sono; spar  
Bureau of Northwest Territories and Yukon Affairs, 278  
Burgess, F. R., 88-9, 94, 97  
*Burleigh*, 80, 83-4  
Burlington Bay, ONT, 173  
Burlington Canal, ONT, 100  
Burlington, ONT, 70  
Burns, G. E., 295  
Burrard Inlet, BC, 4, 20-1, 26, 41-2, 47, 58, 150, 155, 239, 252  
Burrard Inlet Survey, 20-1, 58, 150, 239  
Butler, T., 80  
Button Islands, Hudson Strait, 80, 83, 98  
Byng Inlet, ONT, 15-16, 19-20, 100, 108, 195, 233, 288
- Caamano Sound, BC, 133, 136, 231  
cable, 7, 239, 252, 254, 264-5  
cable survey, 257, 264  
Cabot Strait, 107, 132, 141-2, 209-10, 219  
Cabot's Head, ONT, 13, 15, 18  
Cacouna, PQ, 54  
Cadboro Point, BC, 206  
Cailloux, M., 89, 94, 99, 108, 110, 117, 119, 122, 127, 132  
Calder Act (Amendment to the Public Service Retirement Act, 1920), 121-2. See also Public Service Retirement Act (1920)  
Caldwell, M., 295  
calibration, 163, 176  
Calvert Island, BC, 257, 262  
Cameau, H. J., 166  
Cameron, W. M., 4  
Camp Fairview, BC, 59, 62-3  
Campbell, D. C., 14, 23  
Campbell, E., 156, 165, 174  
Campbellton, NB, 133, 136, 212, 255  
Camsell, C., 214  
Canada-American boundary, 66, 86-7, 117  
Canada-American War, 1  
Canada-Labrador boundary, 125, 134, 145, 153, 222  
Canadian Army, 252  
Canadian artillery, 110  
*Canadian Catalogue of Marine Charts* (1914), 157  
Canadian chart(ing), 4, 18, 20, 36, 39, 42, 51-2, 55, 58, 60, 63, 69-70, 75-6, 81, 85, 97, 101-3, 106-7, 110-12, 114-15, 118, 122, 125, 128-9, 155, 163-4, 173, 175, 182, 185, 187, 190-1, 193, 196, 201-2, 205-6, 208-10, 214, 222-3, 225-6, 228, 232, 237, 241, 243, 256, 261, 267, 275, 285, 287-9, 292, 297  
Canadian colonists, 1  
Canadian engineers, 43, 108  
Canadian Expeditionary Force, 100-2  
Canadian Great Lakes. See Great Lakes  
Canadian High Commissioner, London, 2, 48, 185

- Canadian Joint Committee on Oceanography, 248  
 Canadian Militia, 11  
 Canadian National Railway, 212  
 Canadian National Steamship Co, 169  
 Canadian Navy, 78, 105, 107, 110, 114-15, 117-18, 123, 143, 161,233,235-6, 238,240, 246, 250, 267, 292. See also Royal Canadian Navy  
 Canadian Northern Ontario Railway, 61  
 Canadian Notices to Mariners, 274  
 Canadian Pacific Railway, 1, 20-1, 58, 62, 69, 141, 176  
*Canadian Port(s) and Shipping Directory* (1934), 203, 212  
 Canadian Press Association, 195, 286  
 Canadian Railway Construction Corps, 107  
*Canadian Recruit*, 150  
 Canadian sailing directions, 65, 67, 103, 114, 164, 185, 297  
*Canadian Surveyor*, 10, 17, 164, 168, 171, 177, 211  
 Canadian waters, 1, 3-4, 8, 25, 27, 39, 60, 66, 70, 72, 83, 87, 128, 138, 147, 168, 178, 182, 190, 232  
 canal, (1-284:57)  
 Cann, J. S., 132, 151, 154, 162, 167, 183, 234, 290  
 canoe, 84, 98, 106, 162, 186. See also barge; craft; cutter; dinghy; dory; dredge; gig; houseboat; launch; motorboat; sail boat; tug; whaleboat; yacht  
 Canoe Pass, Seymour Narrows, BC, 267, 279  
 Canso, NS, 117, 121, 128, 140, 151, 192. See also Strait of Canso  
 Cap Carouge, PQ, 237  
 Cap Chat, PQ, 107, [192], 255  
 Cap Rosier, PQ, [129], 132  
 Cap Rouge, PQ, 237  
 Cape Bald, NB, 271  
 Cape Ball, BC, 96  
 Cape Breton Island, NS, 137, 165, 172, 174, 200, 209-10, 223, 228-9, 235-6, 250-1, 254-6, 270-1, 276, 282, 289-90, 297  
 Cape Canso, NS, 124, 137  
 Cape [Cap?] Chat, PQ, [107], 192, [255]  
 Cape [Cap?] Rosier, PQ, 129, [132]  
 Cape Caution, BC, 180, 188  
 Cape Chidley ("Chudleigh"), 8, 98, 137  
 Cape Chignecto, NB, 162  
 Cape Churchill, Hudson Bay, 167  
 Cape Columbia, PQ, 85  
 Cape Cook, BC, 211,220  
 Cape Croker, ONT, 18  
 Cape Diggs, Hudson Strait, 76  
 Cape Egmont, PEI, 266, 271, 277, 283  
 Cape Flattery, BC, 188  
 Cape Gargantua, ONT, 37, 66, 108  
 Cape Gaspé, PQ, 200  
 Cape George, NS, 290  
 Cape Henrietta Maria, James Bay, 98  
 Cape Hopes Advance, Hudson Strait, 176, 184, 266  
 Cape Hurd, ONT, 33

- Cape Ipperwash, ONT, 34  
Cape John, NS, 283  
Cape LaHave, NS, 259, 264, 270  
Cape Lazo, BC, 273  
Cape Magdalen, PQ, 181  
Cape Moses Oates, Charles Island, Hudson Strait, 192  
Cape Mudge, BC, 78, 273  
Cape North, PEI, 136  
Cape of Good Hope, SA, 7  
Cape Prince of Wales, Hudson Strait, 185, 191  
Cape Race, NL, 181  
Cape Rich, ONT, 24  
Cape Sable, NS, 124, 129  
Cape St George, NL, 210, 219, 234  
Cape St Lawrence, Cape Breton island, 219  
Cape St Lewis, LAB, 228  
Cape Smith, ONT, 11, 15  
Cape Smokey, Cape Breton Island, 219, 223  
Cape Spencer, NB, 153  
Cape Tatnam, Hudson Strait, 92  
Cape Tormentine, NB, 76, 122, 172, 205, 265, 277, 283  
Cape Weggs, Hudson Strait, 80, 191-2, 209  
Cape Weymouth, Hudson Strait, 198-9  
Cape Whittle, PQ, 162, 172, 176, 181, 192, 228  
Caraquet, NB, 130, 172, 178, 187, 271  
Carbonneau, A., 60, 101, 112, 116, 137, 153, 155, 165, 196, 242, 253  
Cardigan Bay, PEI, 290  
Cardin, P. J. A., 175  
Caribou Channel, ONT, 277  
Caribou Harbour, ONT, 228, 237, 250, 271, 283, 290  
Caribou Island, ONT, 66, 90, 108, 118, 178, 236  
Carillon, PQ, 77  
Carleton Point, PQ, 209  
Carling Rock Channel, ONT, 32  
Carpmael, C., 139-40, 268  
carrier, 1, 69, 73, 185, 236, 249. See also coal steamer; ferry; icebreaker; lightship; mail steamer; minesweeper; police vessel; schooner; scow; ship; steamer; vessel  
Carter Basin, LAB, 124  
*Cartier(1)*, (26-276:154)  
*Cartier(2)*, 277-8, 281, 288-9, 291, 297  
Cartier, Jacques, 204-5  
Cartwright, R. J., 46  
Cassidy, M., 258, 295  
casualties, 1, 201, 273, 279, 289, 297. See also catastrophes; disaster; founder; grounding; shipwreck; wreck  
*Catalogue of Marine Charts*: (1914), 157; (1928), 161; (1931), 182  
*Catalogue of Nautical Charts*: (1939), 243; (1945), 280  
Cataraqui Bay, ONT, 178  
catastrophes, 2, 83. See also casualties; disaster; founder; grounding; shipwreck; wreck

- Caughnawaga, PQ, 86  
 Cedar Rapids, PQ, 81  
 Celestial Reef, B C, 78  
 Centre Brother Island, ONT, 24  
 chainmen, 45. See also draftsmen; engineer; hydrographer  
 Chaleur Bay (Bay Chaleur), 73, 115, 130, 133, 136, 146, 178, 254-6, 297. See also Baie des Chaleurs  
*Challenger*, 7, 170  
*Champlain*, 204-6  
 Champlain Drydock, 237  
 Chance Harbour, Bay of Fundy, 115  
 Chandler, PQ, 255  
 Chantry Island, ONT, 35  
 Chapel Point, NS, 256, 276  
 Chapleau, S. J., 45, 47, 50-1  
 Charbonneau, H., 186  
 Charles, D. A. H., 205, 266, 282, 289  
 Charles Inlet, Hudson Strait, 98  
 Charles Island, Hudson Strait, 198  
 Charlottetown, PEI, 2, 10, 68, 127, 133, 139, 144, 147, 160, 172, 176, 185-7, 200, 204, 206, 208-12, 214, 219, 223, 228, 235-7, 242-3, 250-1, 255-6, 260, 265-6, 270, 277, 282, 296  
 Charlton Island, James Bay, 99, 106, 207  
 Chart Compilation and Chart Drafting Division (formerly Chart Construction Division), 281  
 Chart Construction Division (later Chart Compilation and Chart Drafting Division), 153, 156-7, 165, 174, 182, 190, 195, 203, 208, 213, 223, 227, 232-3, 241, 253, 258, 263, 269, 276, 280-1, 287, 294, 296-7  
 Chart Distribution Section, 60, 70, 101, 103, 128, 132, 134, 137, 151, 153, 155-7, 161, 165, 174, 182, 190, 196, 203, 208, 213, 222, 227, 233, 240-3, 247, 253, 257-8, 263, 269, 275, 279, 281, 287, 292, 295  
 Chart Drafting Unit (Section), 106, 153, 157, 253, 281, 287, 295  
 Chart No. 2, "Montreal Harbour, Longue Pointe to Varennes" (1905), 55  
 Chart No. 8, "Head of Lake St Peter" (1906), 58  
 Chart No. 50, "Upper St Lawrence River, Lake St Louis" (1909), 69  
 Chart No. 99, "Great Lakes: Georgian Bay - Key Harbours and Approaches" (1909), 70  
 Chart No. 148, "Observation Point to Grindstone Point" (1934), 193  
 Chart No. 201, "Lower St Lawrence River: White Island to Orignaux Point" (1909), 69  
 Chart No. 214, "Seven Islands" (1924), 129  
 Chart No. 218, "Pointe des Monts to Father Point" (1918), 110  
 Chart No. 301, "Prince Rupert Harbour" (1909), 70  
 Chart No. 336, "River Niagara and Welland Canal" (1897), 30  
 Chart No. 401, "Churchill Harbour" (1912), 75  
 Chart No. 402, "Nelson Roads" (1913), 81  
 Chart No. 404, "Anchorages in Hudson Bay and Strait" (1913), 75  
 Chart No. 405 (later 5000), "Hudson Bay and Strait" (1913), 76, 123, 232  
 Chart No. 407, "Anchorages in Hudson Strait" (1916), 98  
 Chart No. 410, "Bedford Basin, Halifax Harbour" (1918), 115  
 Chart No. 411, "Egg Island to Pennant Point" (1918), 115  
 Chart No. 413, "Bathurst Harbour, Chaleur Bay" (1918), 115  
 Chart No. 414, "Plans of Harbours (Bay of Fundy), Chance Harbour, Dipper Harbour, Musquash Harbour and Lomeville Harbour" (1918), 115

*The Canadian Hydrographic Service - Index*

---

- Chart No. 461, "Cabot Strait to Magdalen Islands" (1936), 210  
Chart No. 462, "Grand Lake and Salmon Arm to Chipman" (1936), 210  
Chart No. 463, "Cape Smokey to St Paul Island" (1937), 219  
Chart No. 464, "Cheticamp to Cape St Lawrence" (1937), 219  
Chart No. 501, "Wakeham and Fisher Bays and Approaches" (1932), 185  
Chart No. 502, "Cape Prince of Wales to Cape Weggs" (1933), 191  
Chart No. 906, "Cabot Head to Cape Smith and Entrance to Georgian Bay" (1886), 15  
Chart No. 907, "Georgian Bay to Chapperton Island" (1887), 18  
Chart No. 1338, "Head of Lake St Peter to Lavaltrie" (1946), 283  
Chart No. 1701, "Cove Island to Great Duck Island, and Entrance to Georgian Bay" (1901), 35  
Chart No. 2203, "Parry Sound to Byng Inlet, Georgian Bay" (1964), 233  
Chart No. 3014, "Great Duck Island to Detour Passage" (1901), 35  
Chart No. P2170 (later 6370), "Slave River to Mackenzie River" (1930), 173  
Chart No. P2171 (later 6371), "Plans of Harbours in Great Slave Lake" (1932), 173  
Chart No. P2172, "Tuktoyaktuk Harbour" (1933), 202  
Chart No. P2174, "Approaches to Tuktoyaktuk Harbour" (1933), 202  
Charting Division (Unit), 157, 161, 253  
charting (recharting), (3-293:200)  
Charton, P., see Chartrand, P. R.  
charts, (1-297:392). See also baryta; egg route; harbour; isogonic; navigation; small boat; tourist;  
yachtsmen  
Chateau Bay, L A B, 228  
Chatham Channel, B C, 113  
Chatham, ONT, 27, 129  
Chatham Sound, ONT, 63, 66  
Chatigny, A., 45  
Chatigny, H., 52  
Chebucto, Halifax, 117  
Chedabucto, NS, 124  
Chenier, M. P., 288  
Chester, J., 198  
Chester, NS, 260, 264, 270-1, 282, 289  
Cheticamp, NS, 187, 219, 223  
*Chicago*, 82  
Chicago drainage systems, 188  
Chicago, USA, 18, 108, 120  
Chicora Shoal, ONT, 224  
Chicoutimi Channel, PQ, 162  
Chicoutimi, PQ, 107, 132, 201, 210, 262, 268  
Chief Engineer's Branch, 22-3, 25, 32, 39-40, 140, 147  
Chief Hydrographer, (9-296:69)  
Chief Hydrographie Surveyor, 3, 39, 47  
Chief, Surveys and Mapping Bureau, 218, 288, 296  
Chipman, NB, 210  
Chippewa Bay, N Y, 178  
*Chrissie C. Thomey*, 73-6, 79-80, 83, 85, 91-3  
Christian Island, ONT, 23  
chronometer, 107, 199  
*Churchill*, 73, 92

- Churchill (Port Churchill), M A N , 73, 75-6, 80-1, 83-4, 138, 160, 162, 167, 176, 184-5, 189, 207, 209, 252, 267
- Churchill, Prime Minister Winston, 255
- Cinq-Mars, M. , 45, 52
- Citadel, Halifax, 177
- Civil Employment List, 119
- Civil Service Act (1908; 1919; 1947)*, 40, 44, 63-4, 105, 119-21, 157, 245
- Civil Service Commission, 44, 64, 105, 117, 119-21, 159, 161,222, 227, 231,234, 248
- Clam Point, NS, 148
- Clapperton Island, ONT, 14, 18
- Clarke, L. M. , 178, 187, 192, 195, 200, 205, 209, 219, 234
- classification (40-296:66). See also reclassification
- Classification Committee, Hydrographie Group, 166
- Classification of the Civil Service of Canada, 120
- Clawson, F.A., 99
- Clayoquot Sound, BC, 177, 180, 183, 188, 193,202,211,268
- Clayton, NY, 172
- Clearville, ONT, 31
- Clinton, G., 86
- Clio Channel, BC, 231
- Club Harbour, ONT, 13, 15
- Club Island, ONT, 11
- Coacocho Bay, PQ, 192
- coal, 15, 29, 62, 69, 71, 80, 83, 90, 271, 273, 283, 285, 290. See also grain; iron ore; minerals
- coal steamer, 271. See also carrier; ferry; icebreaker; lightship; mail steamer; minesweeper; police vessel; schooner; scow; ship; steamer; vessel
- coast pilot, 8, 182, 189, 212, 221-3
- coast survey, 3, 16, 20-1,23,52, 64, 68,91,98, 106, 114, 121, 124, 135, 147-9, 151, 157, 164, 236, 264, 273
- coastal water, 1, 22, 26, 43, 49, 67, 96, 100, 141, 194, 222, 243, 247, 280
- coast(ing)chart(ing)l, 14-18,26,35,39,42, 52, 59, 67, 115, 153, 173, 182, 185, 196, 199,202,219, 231, 236-7, 260, 265, 269, 283, 285
- coastline, (13-293:41)
- Coats Island, Hudson Bay, 267
- Cochrane, ONT, 84, 93, 98-9, 106, 209
- Cockburn Island, ONT, 25, 32
- Coffin, T. E., 277
- Cohen, H., 40
- Coldwater River, ONT, 237
- Cole, A. W., 208,241,258, 263
- Collingwood, ONT, 5, 9-11, 18-19, 22-4, 29, 66, 73, 87, 96, 150, 194, 224
- Collingwood Shipyards Company Limited, 183
- Collins Bay, ONT, 229
- Collins Inlet, ONT, 15-16
- Collins, P. E., 206
- Colonial Offices, London, 2
- colonies (colonists), 1, 3, 46, 223
- Comox, BC, 294
- Comox Bar, BC, 285

- compass, 13, 17-18,21,26,47,91, 132, 148-9, 159-60, 163, 167-8, 175, 178-80, 183, 185-6, 188, 192, 196, 202, 236
- Conception Bay, NL, 256, 271
- Condon, C. A., 112, 116, 119, 155,240, 288
- Confederation Building, Ottawa. See buildings
- Confederation (Canada), 7, 43, 63, 180, 215, 235
- Conference on Communications (1921), 48
- conical projection, 182. See also mercator; polyconic
- Connaught, Duke of, 102
- Conneaut, Ohio, USA, 29
- Conquerall Bank, 254
- Conroy, K., 240, 254
- Consolidated Revenue Fund, 191
- contour, 1, 43, 89, 128, 137, 149, 167, 169, 184, 192, 196, 205
- Contrecoeur,PQ, 278, 283
- convoy, 236, 250
- Cook, Captain James, 79, 237
- Copper Bay, BC, 82
- Copper Island, BC, 90, 108
- copper plate, 102, 106, 109, 156, 165, 182, 190, 195, 213, 241
- copper-plate engraver, 127, 136, 156, 159, 227, 234, 241, 253
- Coppermine Point, ONT, 37
- Cora*, 89
- Coral Harbour, Hudson Strait, 246, 261, 267
- Corbay Point, ONT, 37
- Corkum, P. L., 270
- Cornell University, 48, 86, 94, 99
- Corner Brook, NL, 234
- Cornwall Canal, ONT, 77, 90, 133
- Cornwall, ONT, 32, 43, 49, 61, 81, 83, 87, 272, 278
- Cornwallis*, 246, 260
- Corry, J. A., 52, 60
- Cosford, J., 95
- Coste, L., 86
- Cote, T, 86
- Coudres Island Lightship*, 174
- Coudres Island, PQ, 115
- Couillard, J., 84
- Cousins Inlet, BC, 82, 90
- Cove Island Lighthouse, ONT, 10, 25, 32-3
- Cove Island, ONT, 31,34-5
- Cowell, E, 287, 295
- Cowichan Bay, BC, 224
- Cowie, F. W., 55
- Cowley, F. P. V., 66,71,78
- Cox, H. L., 7
- Coxford, J, 90
- craft, 28, 45, 103, 160, 162, 175, 180, 204, 210, 219, 232-3, 238, 251, 253, 265, 273. See also barge; canoe; cutter; dinghy; dory; dredge; gig; houseboat; launch; motorboat; sail boat; tug;

- whaleboat; yacht
- Cranberry Island Lighthouse, NS, 117
- Cranberry Island, NS, 117
- Cranston, C., 271
- Cranton, T. C., 277
- Creelman, E. F., 176-7, 181
- Crerar, T. A., 214
- crew, (13-291:59). See also employment (employees); personnel
- Cribbean Head, PEI, 290
- Crichton, G. L., 72, 87, 102, 109, 112, 114, 117, 119, 123, 132, 134, 136, 145, 151, 153, 156, 165, 174, 182, 190, 195, 203, 208, 233, 240-1, 248, 253, 287
- Crocker, C. R., 230, 238, 249
- Crossover Light, ONT, 187
- Crown Assets Disposal Corporation, 236
- Cultus Inlet, BC, 252
- Cumberland*, 1, 39
- Cumberland Basin, NS, 64, 68
- Cumberland Basin Survey, 64
- Cumbers, M. L., 174, 240, 288, 294
- Cumshewa Inlet, Queen Charlotte Islands, 136, 150
- Cunningham, R., 132, 165
- Cunningham, R. H., 127, 156, 182
- Cunningham, W., 132, 165
- Cunningham, W. A., 127, 156, 182, 227, 241
- Cunningham, W. C., 127, 132, 136, 156, 165, 182, 241, 253
- Curacao*, 7
- Curley current meter, 279
- current measurement (investigation; survey), 89, 91, 94, 107, 110, 112-13, 216, 237, 257, 266, 272, 277-8, 286, 291
- current meter, 237, 279
- Custom(s) Act* map, 227, 232, 253, 297
- Cuthbertson, D., 263, 295
- cutter, 21, 267. See also barge; canoe; craft; dinghy; dory; dredge; gig; houseboat; launch; motorboat; sail boat; tug; whaleboat; yacht
- D. P. W.*, 111, 113
- Dalhousie, NB, 133, 136, 178
- Dalton, Capt, 73
- Daly (Rea). See buildings
- Dark, H. G., 293
- Dark Point, ONT, 34-5
- Dartmouth, NS, 4, 205
- Davies, L. R., 58, 62, 66, 71, 78, 82, 90, 96, 100, 108, 111, 113, 116, 118, 123, 127, 130, 133, 136, 150, 152, 155, 164, 173, 180, 188, 193, 202, 206, 211-12, 220, 224-5, 238, 251, 257, 262, 279, 285, 292
- Davis Inlet, L A B, 8
- Dawson (1)*, 246-7
- Dawson (2)*, 247, 251, 270-1, 275-6, 282, 288-9, 297
- Dawson Bay, Great Slave Lake, NWT, 173

- Dawson City, Yukon Territory, 141  
Dawson, G. M. , 141  
Dawson Landing, Great Slave Lake, NWT , 173  
Dawson, R. M. , 120  
Dawson Rock, ONT , 11  
Dawson, Sir William, 141  
Dawson, W. B. , 21, 25, 40, 72, 103, 106, 127, 138, 140-6, 214, 240, 251, 268, 270, 286  
daylight saving time, 105  
Deadman Island, PQ, 192  
Decary, A. R. , 45, 49  
Decca, 240. See also DF (RDF) station; loran; radar; radio acoustic ranging (RAR); radio direction finding (RDF); shoran; wireless  
declination, 31, 84, 110, 117  
Deep Bay, BC, 262  
Deep River Atomic Energy Plant, 272  
*Defence Act* (1922), 128  
defence forces, 246, 248-9, 257, 259, 263-4, 269, 273, 275, 287  
DeHorse Island, BC, 101  
Delaute, F. J. , 55, 58, 60-1, 72, 102, 109, 117, 119, 132, 136, 156, 165, 182, 208  
*Delevis*, 45, 49, 55, 58, 190  
Delory, F. A. , 290  
Dennison, H. , 179  
Department of Agriculture, 246, 257  
Department of Energy, Mines and Resources (formerly Mines and Technical Surveys), 4, 87, 216. See also Department of Mines and Resources; Energy, Mines and Resources; Mines and Resources  
Department of External Affairs, 48, 120. See also External Affairs  
Department of Fisheries, 153-4, 175, 212, 274, 294. See also Department of Marine and Fisheries; Fisheries Department  
Department of Justice, 118, 124, 134, 145, 153. See also Justice  
Department of Marine and Fisheries, 2-4, 9, 11, 14, 22, 24-6, 30-1, 34, 36-7, 39-47, 51-3, 56, 63, 66, 68-70, 72-3, 82, 94, 106, 128-9, 138-41, 144-5, 147, 157, 161, 167, 174-5, 215. See also Department of Fisheries; Fisheries Department; Marine and Fisheries  
Department of Militia and Defence, 43, 128, 177. See also Department of National Defence; Militia and Defence  
Department of Mines and Resources, 4, 51, 148, 159, 214-18, 222, 231-2, 234, 237, 242. See also Department of Energy, Mines and Resources; Energy, Mines and Resources; Mines and Resources  
Department of National Defence, 43, 161, 177, 211-12, 231, 233, 235-6, 239, 246, 252, 275, 279, 296. See also Department of Militia and Defence; National Defence  
Department of National Revenue, 106, 153, 161. See also National Revenue  
Department of Public Printing, 102, 159, 234, 241, 280. See also Department of Public Printing and Stationery; Public Printing  
Department of Public Printing and Stationery. See Department of Public Printing  
Department of Public Works, 3, 9, 16, 22, 37, 43-7, 49, 51-2, 65, 86-8, 99, 115, 127, 133, 136, 146, 152, 157, 172, 190, 216, 229, 237, 241, 246, 264-5, 267, 272-3, 275, 278, 284-5, 287, 289, 291. See also Public Works  
Department of Railways and Canals, 3, 32, 43-7, 50, 67, 146, 162, 174, 182, 189-90, 195. See also Railways and Canals

- Department of the Interior, 43, 75, 128, 159, 174, 177, 189-90, 214-16, 218, 229, 243. See also Interior
- Department of Transport, 45, 159, 174-5, 206, 214-16, 224, 229-30, 239, 246, 252, 259, 261-2, 264, 266, 268, 274-5, 277, 287, 292
- Department of the Naval Service, 43, 60, 72, 79, 83, 85, 88-9, 99, 101-3, 107, 116, 120, 128, 130, 144-5, 155, 250, 253, 260-2, 264-8, 270-1, 273, 275, 278, 296. See also Naval Service
- Departure Bay, BC, 211
- Depot Harbour, Parry Sound, ONT, 32
- depression (economic), 4, 106, 121, 124, 156, 191, 204, 213, 222, 227, 243
- Desbarats, G. J., 72-3, 103, 144
- Desoronto, ONT, 24
- Detector*, 237
- Detour Passage, ONT, 35
- Detroit River, 70, 83, 88-9, 94
- Detroit, USA, 221
- Deveault, J. A., 167, 175, 183, 192, 200, 205, 209, 218, 222, 229, 234, 249, 254
- Deville, E., 59, 145, 218
- DF (RDF) station, 124-5, 128, 132, 147, 151, 160, 209, 222, 283. See also Decca; loran; radar; radio acoustic ranging (RAR); radio direction finding (RDF); shoran; wireless
- Diana Bay, Hudson Strait, 184
- Digby Island, BC, 267, 279
- Digby, NS, 260, 265
- Digges Harbour, Hudson Strait, 208-9
- Digges Island, Hudson Strait, 209, 240
- dinghy, 62. See also barge; canoe; craft; cutter; dory; dredge; gig; houseboat; launch; motorboat; sail boat; tug; whaleboat; yacht
- Dipper Harbour, Bay of Fundy, 115
- direction finding apparatus (RDF), 160
- Director: Civil Service Commission, 222; Geological Survey, 14; Marine Service, 215, 229; Radio Service, Department of Marine, 189; Surveys and Engineering Branch, 214, 231, 295; Surveys and Mapping Branch, 51; Topographical and Air Surveys, 215
- disaster, 12, 129, 178, 291. See also casualties; catastrophes; founder; grounding; shipwreck; wreck
- Discovery*, 197-9, 204, 209, 219, 223, 265, 289
- Discovery Island, BC, 193
- Discovery Passage, BC, 279
- Distributor*, 202, 273
- District of Franklin, NWT, 4, 75-6
- District of Keewatin, NWT, 4, 76
- District of Mackenzie, NWT, 4, 173, 233, 269
- Dixon Entrance, BC, 71, 78, 91, 96, 101, 108
- dockyard, 72, 78, 82, 96, 101, 107, 110, 116, 118, 128, 130, 135, 184, 223, 235-6, 249, 259, 265. See also dry-dock; shipyard
- document, 30, 46, 161, 216, 226, 249
- Dodge, G. B., 58-9, 62-3, 66
- Doherty, A., 240
- Dolphin, J. W., 230, 238, 251-2
- Dominion Astronomer, 86
- Dominion Bridge Company, 141
- Dominion Fisheries Commission, 154

- Dominion government, 2-3, 9-11, 21-2, 43, 63, 143, 189  
Dominion Hydrographer, 5, 10, 41, 61, 101, 125, 168, 178, 184, 224, 245-8, 288, 296-7  
Dominion land surveyors, 59, 218, 229, 258, 284  
Dominion Land Surveyors Association, 10, 218  
Dominion Lighthouse Depot, Prescott, ONT, 58, 70, 108  
Dominion Observatory, 48, 226, 255  
Dominion Water (and) Power Board (Branch), 48, 190, 216  
Domino Harbour, L A B , 81  
Doodson, A. T. , 240  
dory, 80, 185, 191, 199, 243, 249, 259, 264, 270, 272, 276, 283, 289. See also barge; canoe; craft; cutter; dinghy; dredge; gig; houseboat; launch; motorboat; sail boat; tug; whaleboat; yacht  
Douglas, B. , 140, 143-5  
Douglas Harbour, Hudson Strait, 191  
Dow's Lake, Ottawa, 284  
draftsman, 45, 56, 58, 64, 72, 102-3, 119, 123, 132, 145, 156-7, 165, 174, 182, 190, 203, 227, 241, 251, 253, 258, 262-3, 269, 276, 280-1, 285, 187-8, 292, 295. See also chainmen; engineer; hydrographer  
Drainey Inlet, B C , 239  
draughting office (room), 24, 32  
dredge, 29, 39, 115, 127, 178, 212, 285, 290. See also barge; canoe; craft; cutter; dinghy; gig; houseboat; launch; motorboat; sail boat; tug; whaleboat; yacht  
*Dredge No. 16, MA*  
Drew Harbour, B C , 285  
Drummond Island, ONT , 25, 33  
Drummond, ONT , 31  
Drummond, T. , 24.  
dry-dock (drydock), 13, 29, 89, 109, 132, 141, 149, 152, 172, 177, 237, 267-8. See also dockyard; shipyard  
*Duck*, 281, 285  
Duck Islands, ONT , 25-6, 31-4, 90  
Dufresne, A. , 70  
Duke of Connaught, 102  
Duluth, Minnesota, U S A , 39  
Dunn, A. M. , 241, 253, 258  
Dupuis, J. R. , 60, 101, 112, 134, 145, 155, 175-6, 189  
Dupuis, J. U. , 116  
duty, (2-261:31). See also tax  
  
*Eagle*, 281, 285  
*Earl Grey*, 75  
Earl of Minto, 44, 46  
East Ironbound Island, NS , 276  
East LaHave, NS , 254, 259  
Eastern Passage, NS , 235  
Ebborn, K. R. , 284  
echo (sounder), 26, 117, 154, 159-60, 167-71, 177, 191-2, 196-201, 204-6, 209, 211, 219, 223, 228, 249, 255-6, 259, 260-2, 265-7, 270-2, 275, 281, 288-91, 297: apparatus, 110; gear, 159, 169; machine, 148, 154, 159, 168, 204, 238, 243, 246, 262, 278, 289, 297; method (technique), 160, 170-1, 196; tank, 182

- echometer, 185  
*Eclipse*, 1  
 Ecole des Fonts et Chaussées, Paris, 141  
 Ecole Polytechnique, Montreal, 89  
 Edinburgh, Scotland, 140  
 Edmonds, K. M., 101, 112, 116, 119  
 Edmonton, A B, 163, 179, 273, 284  
*Edsall* (later *Bayfieldfl*), 11  
 Edward VII, King, 76  
*Egeria*, 55, 58-9, 71, 78-9, 96, 143, 292  
 Egg Island, NS, 106-7, 109-10, 115, 117  
 Egg River, NS, 184  
 egg route chart, 257. See also baryta; harbour; isogonic; navigation; small boat; tourist; yachtsmen  
*Eider*, 277, 281, 283  
 Eldon, PEI, 223  
 Elliott, W. F., 162, 171, 176, 185-6, 192, 200, 205, 209, 211, 218, 222, 229, 237  
 Ellis Bay, PQ, 154  
 Ellis, D., 89, 94, 99  
 Ells, S. C., 84  
 Elsdale, H., 177  
 employment (employees), (1-296:69). See also crew; personnel  
*Empress of Britain*, 176-7  
*Empress of Ireland*, 69  
 Energy, Mines and Resources. See Department of Energy, Mines and Resources  
 engineer, (1-295:272). See also chainmen; draftsmen; hydrographer  
 Engineering Institute of Canada, 49, 142, 148, 218  
 England, 2, 7-9, 12, 24, 46-7, 49, 76, 81, 84, 89, 91, 102, 116, 145, 150, 163, 168-9, 171, 185, 189-90, 231  
 Englefield Bay, BC, 220  
 English Bay, BC, 21, 229, 257  
 English Harbour (Havre a L'Anglais; Louisburg), Cape Breton Island, 223  
 English Rapids Portage, M A N, 206  
 Engraving Section (Unit), Printing Bureau, 69, 156, 165, 174, 182, 208, 213, 253  
 enquiry, 2, 10, 27, 154, 222  
 Entry Harbour, PQ, 228  
 Entry Island, PQ, 172  
 Epinette Point, L A B, 124  
 Erie Canal, 1  
*Erik*, 80-1  
 Erik Cove, Hudson Strait, 83, 208-9  
*Ernest La Pointe*, 268  
 Ernest, O. H., 86  
*Escapade*, 270  
 Escuminac, NB, 129  
 Eskimo pilot, 198  
 Esperanza Inlet, BC, 133, 193, 202, 206, 211, 220  
 Esquimalt, BC, 21, 66, 71-2, 78, 82, 90, 96, 100, 111, 116, 133, 220, 239, 257, 262, 273, 285, 292-3  
 Esquimalt Dockyard, 72, 78, 96, 101, 116, 128, 130, 152  
 Estevan, BC, 202

- Estevan Islands (Langley Passage), BC, 257  
estimate, 18-19, 45, 53, 73, 139, 180, 188, 208, 216, 221  
Ettershank Cove, BC, 273  
Ettershank, R. H., 155, 164, 173, 180, 188, 202, 206, 211, 220, 224, 238, 251-2, 257, 262, 267, 273, 279, 285, 292  
Europe, 48, 97, 100, 105, 107, 110, 112, 114, 142, 144, 168, 227, 244, 270, 275  
Evandale, NB, 193  
Evans, F., 2  
Examination Service, 99, 116  
expenditure, (2-297:43)  
External Affairs. See Department of External Affairs
- Fairechild camera, 177  
Fairway Bank, 228  
False Creek, BC, 155  
False Detour Channel, ONT, 31, 33, 108, 155  
False Ducks Island, Lake Ontario, 70, 78  
*Farnworth*, 185  
Father Point, PQ, 69, 81, 86, 110, 114, 143, 160, 162, 200, 203, 221, 226, 231, 262, 268  
Fegan, F., 236  
Fellow of the Royal Society of Canada, 142  
Ferguson, J., 79, 83  
Fern Passage, BC, 231  
ferry, 28, 70, 76, 122, 133, 144, 205, 250, 277. See also carrier; coal steamer; icebreaker; lightship; mail steamer; minesweeper; police vessel; schooner; scow; ship; steamer; vessel  
Ferry Command, 261  
ferry service, 250  
field ice, 176. See also ice field  
field office, 23  
field methods and equipment: current, 94; equipment, 233, 256; magnetometer, 31; survey, 185  
field personnel: assistant, 212, 251, 256, 290; engineer, 163; hydrographer, 109, 158; officer, 23, 45, 56, 96-7, 121, 204, 221, 263, 287; staff (party; personnel): 14, 30, 32, 40, 44, 49, 55-6, 72, 102, 111, 124, 132, 143, 158, 160, 162, 166, 175, 180, 183, 191, 195-6, 212, 214-15, 222, 232-3, 240, 242, 269, 271, 292, 296  
Field, R. H., 177  
field season (day; year), 18, 22-3, 32, 42, 48, 52, 55, 60, 65, 85, 90-1, 96, 101, 109-12, 119, 127-8, 136, 140, 147, 151, 154, 162, 164, 168, 170, 180, 186-7, 193, 197, 202, 206, 219-21, 224-5, 227, 229-31, 233, 236-7, 239, 249, 251, 256, 260, 266-7, 269, 270, 279, 282, 285, 288, 290.  
See also field work  
field sheets, 11, 67  
field work (activity; assignment; duty; function; inspection; operation; project), 4, 14, 50, 52, 60, 73, 85, 89, 97, 99, 102, 113-14, 119, 122, 140, 145, 162, 186, 189, 195, 204, 206, 209-10, 213, 222, 224, 226, 230, 232, 238, 240, 247-8, 251-2, 254-5, 258-9, 262-71, 275-6, 278-9, 281-3, 291. See also field season  
Fifth Pacific Science Congress, 171, 239  
Fighting Island, ONT, 88-9  
First Narrows Bridge, Vancouver, 207, 213  
First Narrows, Vancouver, 123, 127, 130, 133, 146, 150  
Fish-breeding Service, 116

- Fisher Bay, Hudson Strait, 185  
 Fisher Channel, B C, 279  
 Fisher Inlet, B C, 90  
 Fisheries Department. See Department of Fisheries; also Department of Marine and Fisheries; Marine and Fisheries Department  
 Fisheries Research Board, 206  
 fisheries study, 107  
 Fisherman Bay, B C, 108  
 Fishery Protection Service, Marine and Fisheries, 72, 82, 116, 140  
 fishing (fishery), 1, 8, 59, 111, 135, 150, 197, 226, 238, 272, 290, 294. See also agriculture; lumber(ing); mining; shipbuilding; tourist industry  
 Fitzgerald, D. J., 286  
 Fitzhugh Sound, B C, 262, 279  
 flag buoy, 17. See also buoy; gas; platform; sono; spar  
 Flint Island, NS, 223, 228, 235-6  
 float-pole (pole-float) method, 273, 278, 284  
 Flores Island, B C, 206  
 Flowers Cove Light, NL, 234  
 Flowers Cove, NL, 234  
 Foley, F. H., 287, 295  
 Foreman, J. L., 98, 106, 109, 112, 114, 117, 122, 125, 129, 132, 135, 148, 152, 154, 163, 172, 179, 187, 193, 201, 206, 211, 224, 230, 237, 258, 263, 292, 295-6  
 Forneret, V. W., 94.  
 Fort Beausejour, NB, 235  
 Fort Chimo, Ungava Bay, 8, 267  
 Fort Churchill, Hudson Bay, 73-4, 216  
 Fort Norman, Mackenzie River, NWT, 201  
 Fort Providence, Mackenzie River, NWT, 284, 292  
 Fort Resolution, Great Slave Lake, NWT, 163, 173, 185  
 Fort Simpson, Mackenzie River, NWT, 278  
 Fort Smith, District Of Mackenzie, NWT, 164, 173, 179, 188, 201-2, 204, 291-2  
 Fort William, ONT, 39, 51, 70, 96, 111, 113, 207  
 Forteau Bay, L A B, 142-3  
 Fortier, R. L., 82, 90, 92, 96  
 Foster, E., 138  
 Fournier, A., 127  
 Found, H. R., 208, 213  
 founder (loss of vessel), 1, 15. See also casualties; catastrophes; disaster; grounding; shipwreck; wreck  
 Fox River, PQ, 250  
 France, 107, 205, 221, 231  
*Frank Burton*, [Benton sic], 36-7, [40], 42, 52  
*Franklin*, 235  
*Fraser*, 130, 133, 164, 180, 188, 191, 193, 211-12, 220  
 Fraser, J. F., 24, 32  
 Fraser, J. K. C., 283, 290  
 Fraser River, B C, 30, 118, 142, 173, 206, 225, 231, 257, 262, 273  
 Fraser, R. J., 5, 10, 23-4, 41, 49, 61-2, 65, 70, 73-4, 79, 88, 90, 92-3, 98, 106, 109, 112-14, 117-19, 122, 126, 129, 133, 135, 148, 151, 155, 159, 164, 168-9, 172-3, 180, 195, 203, 207, 220-1, 224, 236-7, 240, 246-8, 272, 288, 290, 292, 296-7

- Fredericton, NB, 155, 160, 183, 200, 210  
Freeman, C. A., 293  
freight, 1, 32, 285, 289, 290, 292  
French Cable Wharf, Halifax, 264  
French River, ONT, 16, 87  
Frenchman's Cove, ONT, 94  
Frenette, A., 60, 65  
Frenette, T., 50  
Frobisher Bay, Baffin Island, 205, 267  
Furness Line, 259  
Fusey, E., 45, 50, 55, 58
- Gabriel Strait, PQ, 204  
Gaburus Bay, NS, 235  
Gagetown, NB, 193  
Gait, A. T., 2  
Galop Canal, ONT, 187  
Galops Rapids, ONT, 224  
Gamble, K. M., 82, 101  
Gander, NL, 250  
Gargantua Harbour, ONT, 37, 122  
gas buoy, 266. See also buoy; flag; platform; sono; spar  
Gaspe Bay, PQ, 135, 151  
Gaspe Coast, PQ, 107, 110, 118, 122, 125, 129, 132, 146, 149, 286  
Gaspe Current, 143, 181, 195  
Gaspe Harbour, PQ, 192, 204-5, 231, 250  
Gaspe Peninsula, PQ, 183, 254-5  
*Gazetteer of British Columbia Coast Names* (1946), 279  
General Superintendent of the Lighthouses (and Hydrographie Service), 22, 32, 39  
Genoa Bay, BC, 133  
geodetic benchmark (control point; position; network), 155, 230, 232, 234, 256, 268, 280  
geodetic levelling, 88, 153  
Geodetic Survey of Canada, 43, 109, 111, 118, 144, 152, 155-6, 160, 162, 174, 212, 226, 252  
geodetic (survey) station, 28, 130, 272  
geographic feature, 43  
Geographic(al) Board of Canada, 49, 148, 150, 286, 294  
Geographical Bureau, 295  
Geological Survey of Canada, 14, 36, 43  
George Bay, NS, 151  
George Island, M A N, 36  
Georgetown, PEI, 139, 176, 283, 290  
*Georgian Bay and North Channel Pilot* (1892), 4, 11, 14-15, 22, 26, 31, 33-4  
*Georgian Bay and North Channel Pilot* (1914), 97  
Georgian Bay, ONT, (1-294:179)  
Georgian Bay Ship Canal Survey, 51-2, 87, 181, 216  
Georgian Bay Survey, 2-3, 7, 9-10, 12, 14, 21-6, 39-40, 45, 47, 138, 147  
Georgian Strait, BC, 202. See also Strait of Georgia  
Germany, 46, 221  
Ghysen, E. A., 69, 78, 82, 89, 93, 99, 107, 110, 113, 115, 117, 122, 124-5, 129, 132, 135, 148, 151,

- 154, 163, 172, 178, 187, 195, 201, 207, 210, 219, 223, 229, 233, 240, 242
- Gibbons, G. C., 86
- Gibbs, A., 189, 190
- gig, 17, 21, 41, 59, 62, 70-1, 80, 95, 98, 103, 149, 159-60, 179, 184-7, 193, 199, 205, 233, 250, 255, 272, 278, 283, 291. See also barge; canoe; craft; cutter; dinghy; dory; dredge; houseboat; launch; motorboat; sail boat; tug; whaleboat; yacht
- Gin Islands, ONT, 237
- Girouard, E., 53, 57
- Gobeil, A. A., 45, 51, 55, 58
- Goderich, ONT, 70, 88, 150, 152, 178, 274
- Goletas Channel, BC, 189, 279, 285
- Good Hope, Mackenzie River, NWT, 202
- Goodwill, J. E. V., 252, 256, 261, 266-7, 272, 278, 282, 289-90
- Goose, 281, 285
- Goose Bay, LAB, 124, 246, 261, 266-7
- Goose Cape, PQ, 53, 113, 207
- Goose Island, PQ, 113, 172
- Goose Island reef, PQ, 113
- Gordon, A. R., 75, 138-40
- Gordon Channel, BC, 285
- Gordon (*Neptune*) Expeditions, 10, 75, 84, 138
- Gordon Rock Channel, ONT, 32
- Gore Bay, ONT, 18
- Gould, R., 173, 240, 288
- Governor-in-Council, 233
- Gowgan Bay, BC, 211
- grain trade, 18. See also coal; iron ore; minerals
- Granby Bay, BC, 91
- Grand Banks, 140
- Grand Entry, PQ, 127, 187, 209, 283
- Grand Lake, NB, 193, 210
- Grand Manan, NB, 151
- Grand Manitoulin Island, ONT, 25, 31-2
- Grand River, PQ, 27, 255
- Grand Trunk Railway, 52
- Grand Trunk System, 29
- Grandy Bay, BC, 101
- Gravel Point yards, Hudson's Bay Company, 202
- Gray, D., 12, 50, 57
- Gray, N. G., 41, 125, 178, 187, 193, 201, 206, 210-12, 219-20, 223, 229, 235-6, 238, 250, 254-5, 260, 265, 271-2, 277, 282-3, 289-90
- Gray Strait, Hudson Strait, 81
- Great Bear Lake, NWT, 291
- Great Bear River, NWT, 288, 291
- Great Bras d'or Lake, Cape Breton Island, 165, 174, 200, 223, 256, 282, 289
- Great Britain, 31, 48, 86, 142, 144. See also United Kingdom
- Great Duck Island, ONT, 31, 35
- Great Lakes, (1-294:198). See also Canadian Great Lakes
- Great Lakes Survey, 3, 5, 39-41, 73, 89, 94, 100, 103, 108, 111, 118, 122, 147. See especially Chap. 1

- Great Mecatina Island, PQ, 186  
Great Slave Lake, District of MacKenzie, NWT, 4, 160, 163-4, 173, 179, 182-3, 188-9, 202, 204, 246, 270, 272-3, 277-8, 281, 284-5, 291, 297  
Greely Island, PQ, 209  
Green Island Harbour, ONT, 33  
Green Island, ONT, 68, 235, 237, 278  
Green Island Rapids, Mackenzie River, NWT, 278  
Greenly Island, PQ, 218  
Greenwich, England, 199  
Grenadier Island, ONT, 178  
*Grenville*, 266, 278, 291  
Grenville Channel, BC, 262, 279  
Grenville, ONT, 231, 258  
Griffenhagen, E. O., 120  
Griffenhagen Report (1919), 120, 166, 190  
Griffith, F. H., 66, 82, 108, 118, 130, 249  
Grindstone Harbour, PQ, 127, 288  
Grindstone Island, PQ, 136, 141  
Grindstone Point, PQ, 193, 211  
*Griper*, 199  
Griper Rock, Hudson Strait, 198-9  
Gros Cap, Lake Superior, 152  
Grosse Isle, PQ, 237  
grounding (aground; grounded), 15, 66, 69, 90, 109, 111, 150, 181, 230, 246, 256. See also casualties; catastrophes; disaster; founder; shipwreck; wreck  
Guenard, S. C., 76, 127  
Gulf Islands, BC, 96  
Gulf of St Lawrence, 17, 41, 52-3, 55-6, 121-2, 124, 126, 129, 137, 139-43, 151, 153-4, 160, 162-4, 169-72, 175-7, 181-3, 185-7, 192, 198, 200, 204-6, 209-10, 218-19, 221-2, 228, 232, 234-5, 240, 248, 252, 254-5, 257, 260, 271, 275-6, 286, 289-90  
Gulf Stream, 107  
Gull Harbour, Lake Winnipeg, 36, 179, 188, 193, 201  
*Gulnare*, 2, 8, 53-4, 56, 96, 128, 143, 160, 174, 181, 187, 207, 210, 212, 214, 221, 228  
Gunboat Passage, BC, 130  
Gurley current meter, 237  
Gurley printing gauge, 131  
Gushue, T., 73, 76, 79. See also Black Tom o'Brigus  
Guyon Island, NS, 228, 235-6  
gyro (scope) compass, 26, 148-9, 159, 161, 163, 167-8, 175, 180, 183, 185, 192, 196, 202, 236. See also compass; magnetic  
  
Ha Ha Bay, PQ, 162, 224  
Haaffand, V., 292  
Hakai Passage, BC, 225, 251  
Half Moon Bay, BC, 251  
Halifax, NS, 4, 68, 73-6, 80-1, 83-5, 91-3, 98-9, 105-7, 109-10, 114-15, 117, 123-5, 129, 132-3, 135, 139-41, 143, 153-4, 162, 167-8, 171-2, 175-7, 183-4, 192, 200, 205, 209, 219, 223, 228, 234-6, 242, 247, 249, 259, 264-5, 276, 282, 286, 289, 297  
Halifax Shipyard (Dockyard; naval yard), 110, 135, 168, 184, 223, 235-6, 259, 265

- Hall, J., 262  
 Hamilton Bay, ONT, 108,  
 Hamilton Harbour Commission, 212  
 Hamilton Inlet, LAB, 8, 124-5, 130, 134, 145, 261  
 Hamilton, ONT, 94, 173, 212, 280  
 Hamilton, R. C., 295  
 Hamm, Obed (boat-builder), Mahone Bay, NS, 151, 256  
 Hammersley, H. L., 292  
 handline sounding, 71  
 Hannah Bay, James Bay, 84  
 Hannington, C. F., [C. G.], 102, 109, [112], 114, 116-17, 119, 131, 134, 136  
 Hanrahan, J., 295  
 Hanson, R. E., 172, 177, 187, 192, 195, 200, 205, 209, 219, 223, 228, 230, 238, 251, 254-5, 256, 261, 266-7, 272-3, 278, 284-5, 291-2  
 Hantsport, NS, 254  
 harbour chart, 1, 26, 41, 58, 103, 115, 192, 249, 254. See also baryta; egg route; isogonic; navigation; small boat; tourist; yachtsmen  
 Harbour Grace, NL, 259, 271  
 Hardy Bay, BC, 262  
 Hardy, E., 288  
 Hare Bay, NL, 176  
 Hare Island, PQ, 54, 60  
 Haro Strait, BC, 202  
 harpoon sentry (sounder), 125-6  
 Harrington Harbour, PQ, 172, 176-7, 183, 185-6, 209, 218, 222, 228, 234, 240, 252  
 Harris, J., 29  
 Haskell, E. E., 48, 86, 94, 99  
 Haskell Gauge, 86-7, 131  
 Haufman, Capt, 174  
 haven, 23  
 Havre a L'Anglais (English Harbour; Louisburg), Cape Breton Island, 223  
 Havre St Pierre, PQ, 149, 200  
 Hawkins, G. E., 292  
 Hay River, ONT, 84, 173, 188, 284-5  
 Hayden, S. C, 143, 146, 150, 153, 156, 165, 203, 207, 238, 240, 249, 251-2  
 headland, 8  
 Hearn Island, Hudson Strait, 266  
 Hecate Strait, BC, 96, 108, 113, 118, 123, 127, 239  
 Hecla Island, Lake Winnipeg, 188, 201, 211  
 Heisler, R., 260, 270  
 Hemfray Channel, BC, 293  
*Henry Hudson*, 160, 208-9, 218, 222-3, 229, 236-7, 243, 250, 254-6, 260, 265, 271, 275-7, 283, 288, 290, 297  
 Henry Hughes & Son(s), Ltd., England, 168-9, 197  
 Herbert Arm, BC, 193  
 Heron Bay, Lake Superior, 229  
 Herring Cove, NS, 264  
 Herschel Island, Beaufort Sea, 201  
 Hesquiat Harbour, BC, 193

- Hewitson, A. C. [A. G.?], 283, [291]  
High Bank, PEI, 277  
High Cape Light, Spanish Bay, NS, 256  
Hillsboro (Hillsborough) Bay, PEI, 210, 212, 219, 223, 228, 250, 265, 271  
Hillsborough River, PEI, 210  
Historical Society of Quebec, 10  
Hjort [Bjort], J., 107 [154]  
Hodgins, W. O., 253, 287, 295  
Hogan, D. I., 291  
Holberg Inlet, BC, 220  
Holmes, T. F., 271  
Holyrood Bay, NL, 259, 271  
Hope Island, ONT, 23-4  
Hotham Sound, BC, 273  
Houghton Sand Hills, ONT, 29  
Houlahan, D. J., 295  
Houliston, J., 45, 49  
House of Commons, Ottawa, 9, 11, 72  
houseboat, 50-1, 55, 58, 61, 65, 69, 77, 98, 106, 130, 133, 150, 155, 160, 162, 164, 173, 175, 180, 188, 191, 193, 202, 211, 219, 222, 224-5, 233, 238-9, 243, 246, 248, 256-7, 259, 262, 264, 267, 270, 273, 275, 278-80, 285, 288, 292-3, 297. See also barge; canoe; craft; cutter; dinghy; dory, dredge; gig; launch; motorboat; sail boat; tug; whaleboat; yacht  
Houston Passage, ONT, 268  
Howe Sound, BC, 153, 231, 239, 273  
Hubbard Point, Hudson Strait, 176, 184  
Hubbards, NS, 276  
Hudson Bay, (4-272: 133)  
Hudson Bay Railway, 162, 167, 252  
Hudson Bay Survey, 79, 96, 129  
Hudson River canal, NY, 153  
Hudson Strait, 4, 44, 73-6, 79-80, 83-4, 91, 97-8, 103, 137, 144, 160, 167, 170-1, 176, 184-5, 189, 191, 195-6, 198-200, 203-4, 207-9, 219, 226, 232, 240, 259, 261, 265-7  
Hudson Strait Survey, 82, 259  
Hudson's Bay Company, 84-5, 92-3, 98, 124, 144, 146, 150, 201-2, 232  
Hughes, A. J., 169, 171  
Hughes, K., 169  
Humboldt Bay, ONT, 230, [238]  
Humphrey, A. E., 61, 65, 67  
Hunter Building, Ottawa. See buildings  
Hunter Channel, BC, 252  
Hunter, R. L. B., 9, 181, 183, 192, 200, 205, 208, 212, 218, 223  
Hydrographer, (2-297:279). See also chainmen; draftsmen; engineer  
Hydrographer of the (Royal) Navy (Admiralty), Great Britain, 2, 9, 14, 29, 33-4, 46, 78, 146, 150  
hydrographie, (2-297:925)  
Hydrographie and Map Service, 51, 159, 215, 218, 224, 234, 241, 243, 245, 281, 287-8  
hydrographie chart(ing), 14, 46, 60, 179, 196, 213, 223, 226, 235, 247, 258, 267  
Hydrographie Service (of Canada; Canadian Hydrographie Service), (2-297:101). See also Hydrographie Survey  
Hydrographie Survey (of Canada; Canadian Hydrographie Survey), 3-5, 9, 21, 25, 27, 36, 39, 42-158,

- 160-1, 166, 181, 241, 243-4, 287. See also Hydrographie Service
- hydrographie surveyor, 2-3, 10, 15, 39-40, 46-7, 63-4, 134, 216
- Hydrographic(al) Office, 3, 23, 30, 69, 75, 78, 85, 97, 100, 161, 182, 190, 221, 234, 240, 242, 246, 248, 252, 270, 275, 286
- hydrophone, 110, 168-71, 177, 239
- Hyndman, G. W., 30, 32
- ice, 18, 75-6, 80, 83-4, 88, 91-3, 98, 129, 131, 138, 164, 167, 176, 189, 192, 201, 203, 205, 207, 220, 230, 234, 242, 278, 292
- ice fields, 80, 85, 98, 201. See also field ice
- ice patrol, 176, 183
- ice pilot, 74, 79
- icebergs, 176
- icebreaker (breaking), 79, 83, 129, 170, 191, 198, 205, 208, 224, 254-5, 259, 261, 266. See also carrier; coal steamer; ferry; lightship; mail steamer; minesweeper; police vessel; schooner; scow; ship; steamer; vessel
- Idol Point, BC, 133
- Ile aux Coudres, PQ, 261
- Ile du Mort, Great Slave Lake, NWT, 173, 272
- Imperial Shipping Committee, London, 185
- Indian Harbour, L A B, 81, 124
- Indian Harbour, NS, 282
- Indiantown, NB, 155
- Ingonish, NS, 219
- inland chart, 39
- inland waters (waterway), 4, 10, 22, 26, 36, 41, 43, 47, 49, 55, 61, 83, 97, 101, 103, 114, 147, 152, 155, 162-3, 174-6, 214, 216, 222, 230, 233, 237, 242, 246, 264, 269, 271-2, 281, 284, 288, 297
- inshore chart(ing), 160, 223, 243
- inshore navigation, 1
- inshore survey, 14, 84, 101, 117, 198, 246
- Inside Service, 22-3, 40, 63-4, 103, 119-20, 141, 157. See also Outside Service
- Institute of Civil Engineers, London, 49, 142
- instruments, 11-12, 28, 125, 165, 167-8, 173, 202, 235, 270
- Interior. See Department of the Interior
- International boundary (line), U S A - C A N, 27, 38, 48, 61, 86-7, 109, 112, 114, 117, 126, 130, 158, 202, 237
- International Hydrographic Bureau, Monaco, 110, 145, 183, 221, 248, 275, 292, 296
- International Joint Commission, 1909 (formerly International Waterways Commission), 48, 72, 83, 87, 89, 94, 102, 108
- International Lake Superior Board of Control, 227
- International Pulp and Paper Company, Dalhousie, NB, 178
- International Union of Geodesy and Geophysics, Rome, 49, 142
- International Waterways Commission (later International Joint Commission), 27, 44, 48, 52, 72, 83, 86-7, 89, 94, 102, 108, 112, 117, 144, 158, 216, 287
- Inverness, BC, 66, 101
- Ipperwash, ONT, 34
- iron ore, 62. See also coal; grain; minerals
- Iroquois, ONT, 114

- Isabelle, M. , 165, 182, 241, 253, 295  
Isacor Point, ONT, 65-6. See also Point Isacor  
Island Point, BC, 66  
Isle aux Pêches, ONT, 88-9  
Isle Royale, (now Cape Breton Island), 223  
Isle Royale, ONT, 39, 178  
islet, 15,201,209,212  
isogonic chart, 31, 84. See also baryta; egg route; harbour; navigation; small boat; tourist; yachtsmen  
Italy, 221  
Ithica, N Y , 86
- J. A. Corry Building, Ottawa. See buildings  
Jackass Shoal, PQ, 266  
Jackfish Bay, ONT, 61-2, 95-6  
Jackson, W. E. W., 79, 83-4, 293  
Jacques Cartier Passage (formerly Mingan Strait), PQ, 148  
James Bay, 4, 44, 73, 82-5, 91, 97-8, 103, 106, 111, 145, 147, 207, 209, 232  
James Bay Survey, 85, 92-4  
James Island, BC, 285  
Japan, 142, 221,255,257  
Jehu, L., 175-6, 181  
Jennings, H. H. [?], 295  
Jericho Beach, Vancouver, 257  
**Jervis Bay**, 236  
Jervis Bay, BC, 193  
Jervis Inlet, BC, 251-2, 273, 279, 285  
Jobin, R. P. , 45, 50, 56,58,61,64, 68, 70, 78, 84, 93,98, 106, 111, 113, 115, 118,232  
Jodoin, E., 55, 64, 68, 77, 81, 90, 97  
Johnson, J. O., 180, 188, 193,202, 206,211,220, 224,238,251  
Johnston, A., 145, 175  
Johnstone Strait, BC, 130, 150, 231  
Joneas, F. A., 183  
Jones Island, ONT, 35  
Jones Sound, N W T, 4  
Jones, H. W., 134, 139, 143-6, 150, 153, 156, 165, 174, 181, 192, 195, 200, 203, 207, 212, 221, 226, 231,240, 248, 252, 268,286  
**Josephine**, 50, 55, 58, 61, 65, 69, 77  
Jourmain Shoal (near Cape Tormentine), NB, 172  
Juan de Fuca Strait, BC, 127,174,188,193, 195,202, 206  
Justice. See Department of Justice
- Kagan Bay, BC, 130  
Kaministiquia River, ONT, 39  
**Keenora**, 201,206,211  
Kellett, Capt, 171  
Kelly, J. C, 98, 106  
Kelson, H. M., 213, [241], 253, 295  
Kelvin Hughes, Montreal, 169. See also Smiths Industries North America Industries (a division)  
Kemp Head, NS, 276

- Kennebecasis Bay, NB, 176, 187  
 Kennedy Bank, ONT, 19  
**Kenneth**, 188  
 Kenneth MacAlpine, Shelburne, NS, 198  
 Kent, J. C., 279, 285, 292  
 Kernahan, G. M., 278, 291  
 Key Harbour, ONT, 61-2, 70, 152  
 Key Inlet, ONT, 61  
 Kiel Canal, Germany, 236  
 Kierstead, K. V., 162, 167  
 Kildala Arm, BC, 231  
 Kilidit Inlet, BC, 252  
 Killamey, ONT, 10-11, 18, 20, 24  
 Killeen, T. L., 67  
 Kincardine, ONT, 34  
 Kindle, Dr., 124  
 King Edward VII, 76  
 King, L. V., 74-5, 110  
 King, W. F., 48, 86  
 King William Island, Western Arctic, 201  
 King's Printer, 102, 108, 111, 135, 166, 231, 243  
 Kingston, ONT, 9, 11, 14, 22, 24, 32, 45, 47, 51, 60, 86, 88-9, 94, 108, 113, 115, 118, 152, 160, 178, 221, 231, 233, 238, 258, 281, 284, 297  
 Kite Cove, NL, 264  
 Kittigazuit, Western Arctic, 202  
 Klik-tso-atlai (near Bella Coola), BC, 257  
 Klotz, O. F., 48  
**Knight Errant**, 9  
 Knight, J. H., 83, 85, 92, 96, 100-1, 108, 111, 118, 123, 127, 130, 133, 136, 150, 152, 155, 164, 173, 180, 188, 193-4, 202, 206, 211, 220, 224, 230-1, 238, 256, 262  
 Koenig, J., 84  
 Koksoak River, PQ, 266  
 Kootenay Lake, BC, 233  
 Kootenay River, BC, 233  
 Kyuoquot Sound, BC, 220
- La Canadienne**, 56-7, 60, 65, 68, 72, 76-7, 83, 90-1, 94-6, 100, 103, 105, 108-9, 111, 113  
**L'Arche**, 50, 55, 58, 61, 65, 69, 77, 219. See also *Arch*  
 Labarge [Laberge?], C. H., 231, [277]  
 Labelle Building, Ottawa. See buildings  
 labour, 111, 116, 145, 201, 238, 263-4, 270, 283. See also crew; employment (employees); personnel; worker  
 labour problems (disputes; troubles), 105, 122-3, 258, 262  
**Labrador**, 24  
 Lacey, A. M., 83, 97  
 Lachine, PQ, 86  
 Lachine Rapids, PQ, 50  
 LaCroix, G. W., 180, 188, 202, 206, 211, 220, 224, 238, 251-2, 256-7, 262, 267, 273, 279, 292-3  
**Lady Grey**, 220

- LaFreniere, A., 65  
LaHave, NS, 151  
LaHave River, NS, 254, 259, 264  
Laing, A. K., 175, 180, 185, 195, 203, 207, 209, 229  
Lake Athabaska, 163  
Lake Champlain, 130, 237  
Lake Erie, 27-31, 41-2, 48, 87, 89, 103, 114, 118, 147, 152, 178, 189, 224, 294  
Lake Erie Survey, 30  
Lake Erie Water-level Investigations, 89  
Lake Harbour, Hudson Strait, 80, 198, 266  
Lake Huron, 2, 9-11, 13, 18, 23, 25-7, 29, 30-5, 37, 41-2, 48, 52, 56, 69, 87, 90-1, 97, 100-1, 103, 108, 147, 152, 178, 274, 294  
Lake Huron Survey, 2, 11, 23, 25-7, 31, 33, 35, 42, 90, 147, 178  
Lake Melville, L A B, 73, 124-5, 134, 145, 261, 266  
Lake Melville Survey, 124, 145  
Lake Memphremagog, PQ, 136  
Lake Nipigon, ONT, 230, 238  
Lake Nipissing, ONT, 51, 216  
Lake of the Woods, 48, 158, 288  
Lake of Two Mountains, St Lawrence River, 56, 58, 61, 65, 69, 77, 219  
Lake Ontario, 12-13, 24, 28-9, 33, 41, 70-1, 78-9, 82-3, 87, 89-90, 94, 100, 103, 108, 111, 113, 115, 118, 131, 133, 147, 158, 169, 173, 178, 180, 207, 219, 280, 294  
Lake St Clair, 27, 126, 153-5, 163  
Lake St Francis, 50, 55, 58-9, 61, 72, 77, 79, 81  
Lake St Louis, 50, 55, 58, 61, 69-70, 79, 81, 83, 90, 220-1, 224, 266, 291  
Lake St Louis Survey, 32, 45, 50, 55-6, 58, 86, 219, 221  
Lake St Peter, PQ, 58, 99, 107, 113, 174, 189, 251, 256, 261, 266, 278, 283  
Lake Superior, (1-286:96)  
Lake Superior Board of Control, 190, 227  
Lake Superior Survey, 2, 11, 33, 35, 37, 48, 61, 66-7, 93-4, 111, 118, 122  
Lake Winnipeg, 4, 36-43, 48-9, 51-2, 75, 103, 147, 152, 158, 160, 162, 172, 179, 183, 187, 193, 201, 206, 208, 211, 250  
Lakehead, ONT, 101, 122  
*Lakingford* [?], 289  
Lamb Island, Lake Superior, 61, 90  
Land, H, 268  
Landry, L., 186  
Lands Branch, Department of Mines and Resources, 231  
Lands End, NB, 176  
*Lansdowne*, 142  
Langley Passage, BC, 257  
Lanorale, PQ, 94  
Lapointe, E., 78  
Laprairie, PQ, 79  
Laprairie Basin, PQ, 81  
launch, (13-297:340). See also barge; canoe; craft; cutter; dinghy; dory; dredge; gig; houseboat; motorboat; sail boat; tug; whaleboat; yacht  
*Laura*, 143  
Laurentian shore, 20

- Laurier, Sir Wilfred, 44  
 Lauzon Drydock, Levis, PQ, 141  
 Laval Bay, PQ, 229  
 Lavaltrie, PQ, 272, 278, 283  
 Lavoie, J. C., 282  
 Lawson, H. H., 78-9, 83, 92, 95, 99, 100, 108  
 Lawyer Island, BC, 62  
 Leach Island, ONT, 37  
 Leadman, H. L., 41, 95, 100, 108, 111, 113, 116, 118, 122, 126, 128, 133, 135, 148-9, 151, 154, 163, 169, 171-2, 177, 187, 192, 195-7, 200, 205, 209-10, 219, 223, 228, 235-6, 250-1, 254-6, 259-60, 269-71, 276-7, 282-3, 286, 289-90, 297  
 Lee, A. R., 94, 97, 101, 109, 112, 119, 131, 134  
 Lee, R. B., 144, 146, 150, 153, 156, 165, 192, 195, 200, 203, 207, 212, 221, 226, 240, 252, 286, 294, 296  
 Lefebvre, L., 50  
 Legal Surveys and Map Service, 218, 245, 281, 295-6  
 LeSage, R., 45, 50  
 Leslie, G. E., 190, 241, 253, 287, 295  
 Lewis Island, BC, 78  
 Lewis, J. B. T., 124, 130, 133  
 Life-saving Service, 116  
 Lighthall, A., 70  
 lighthouse, 10, 18, 22, 24-5, 31-3, 36, 39, 50, 58, 70, 90, 93, 108, 113, 117, 130, 150, 174, 212, 231, 234  
 Lighthouse Board of Canada, 148  
 Lighthouses and Hydrographie Service, 22, 39  
 lightship, 81, 128, 143, 160, 174, 181, 203, 207, 226. See also carrier; coal steamer; ferry; icebreaker; mail steamer; minesweeper; police vessel; schooner; scow; ship; steamer; vessel  
*Lightship No. 23*, 203  
*Lightship No. 25*, 181, 226  
*Lillooet*, 56, 66-7, 71, 76, 78, 82, 90-1, 96, 100-1, 103, 108, 111-13, 116, 118, 123, 127-8, 130, 133-4, 136, 150, 152, 155, 160, 163-4, 169, 173, 175, 180, 183, 188-9, 193-4, 196-7, 202, 204, 208, 225, 231  
 Limestone Islands, Georgian Bay, 12, 19-20, 123  
 Lindsay, ONT, 252  
 Linter, C., 12, 14-15, 41  
 Lion's Head Harbour, ONT, 18  
 Lisbon Shoal, James Bay, 99  
 Liscomb Harbour, NS, 110, 117, 121, 128, 140  
 L'Islet, PQ, 113  
 Little Bras d'Or, Cape Breton Island, 256, 276  
 Little Current, Manitoulin Island, 11, 16-18, 22, 87, 90, 100, 108  
 Little George Island, M A N, 36  
 Little Lake, ONT, 237  
 Little Mecatina Island, PQ, 186  
 Little Narrows, NS, 236, 282, 289  
 Liverpool, NS, 235-6  
 Livingston Channel, Detroit River, 89  
 Lockeport Harbour, BC, 130, 211

- Lockeport, NS, 110, 135, 151, 228, 270, 289  
Logan, H., 64  
Logan Point, NL, 283  
Lomeville Harbour, Bay of Fundy, 115  
London, England, 2-3, 14-15, 23, 34, 48-9, 93, 140, 142, 164, 185, 189, 247, 255  
London, ONT, 86, 111, 169, 216  
Long Point Island, ONT, 29  
Long Point, ONT, 27-31  
Longtin, E., 58  
Longue Pointe, PQ, 50, 55, 88, 115, 283  
loran, 240. See also Decca; DF (RDF) station; radar; radio acoustic ranging (RAR); radio direction finding (RDF); shoran; wireless  
**Lord Stanley** ( later **Bayfield**'[2]), 36-8, 41  
Lords Commissioners of the Admiralty, London, 2  
Loredo Channel, BC, 101, 268  
Loredo Sound, BC, 150, 155, 168  
**Lotbiniere**, 51, 55, 58  
Louisbourg (English Harbour; Havre a L'Anglais), Cape Breton Island, 139, 223, 228, 231, 236  
Louise Basin, Quebec City, 110, 149  
Lowe, G. E., 176-8, 187, 193, 197, 200, 205, 210, 218, 222, 228, 234-5, 249, 254, 259, 264-5, 270, 276, 282, 289  
Lower Honey Harbour, ONT, 237  
Lower Savage Harbour, Hudson Strait, 204, 207  
Lower Savage Island(s), Hudson Strait, 98, 204-5  
Lucas (steam) sounding machine, 62, 125, 160, 168, 197  
Lucy Island, BC, 66  
lumber(ing), 1, 12, 16, 59, 226, 289. See also agriculture; fishing (fishery); mining; shipbuilding; tourist industry  
Lumsden, H. R., 290  
Lunan, J. F., 66, 70  
Lunenburg, NS, 73, 135, 148, 264  
**Lurcher**, 128  
Lyal Island, ONT, 33-4  
Lyall, BC, 220  
Lyne, W.O., 79  
  
Mabee, J. P., 86  
MacAlpine, K., 198  
McCausland, G. C., 289, 294  
MacColl, E. B., 83, 92, 94, 100, 108, 110, 114  
McCoy Islands, ONT, 20  
MacDonald, C. B. R., 98  
MacDonald, J. C., 133  
MacDonald, L. C., 253-4, 258  
Macdonald, Sir John A., 138  
McGee, W. R., 45, 60, 65, 67  
McGill University, 74, 107, 110, 141, 144  
McGough, H. J., 60, 65, 76, 107, 118, 125  
McGreevy, C., 45, 49, 55, 58, 61, 64, 68, 77, 80-1, 86, 101, 112-13, 116, 132, 137, 153, 155-7, 165,

- 174, 190
- McGregor, A. M., 12, 18, 37, 41
- McGregor Harbour, ONT, 18
- Mack, A. L., 233, 237, 242, 251, 254-6, 261, 264, 266-7, 276, 283-4, 291
- McKay, H. M., 145
- MacKenzie, D. R., 251, 285, 292
- McKenzie, N., 292
- Mackenzie River, NWT, 4, 160, 163, 173, 175, 179, 183, 188, 201, 246, 270, 272-3, 275, 278, 280, 284-6, 292, 294
- Mackenzie River Pilot* (1946), 271, 286
- MacKinnon, H. R., 250
- MacKinnon, M. A., 93, 99-100, 107, 110, 117, 119, 122, 125, 132, 135, 148, 151, 154, 162, 167, 176, 187, 195, 200, 207, 210, 219, 223, 229-30, 237, 251, 256, 261, 266, 272, 274, 285-6, 292, 294, 296
- McLean, L. M., 94
- McLean, N. B., 170
- McLellan, A. W., 2, 138
- McLellan, B., 283
- McLellan, T. B., 277, 290
- McIvor Point, NS, 236, 282
- MacMillan, F. R., 226, 240, 288
- MacMillan, J. C., 84
- MacNab, A., 62
- MacPherson, J., 79
- McQuade, W., 70, 89, 108, 113
- McQuarrie, H. N., 180, 188, 202, 206, 211, 220, 224, 230
- Madden, M. S., 181, 183, 192, 200, 205, 209, 221, 226, 240, 252, 257
- Magdalen Islands, PQ, 41, 121-2, 126-7, 129-30, 133, 135, 137, 141, 148-9, 172, 177, 181, 183, 187, 192-3, 195, 197, 200, 205-6, 209-10, 219, 223, 228, 283
- Magdalen Islands Survey, 129, 135
- Magdalen River, PQ, 122
- magnetic compass, 18, 160, 188. See also compass; gyro
- Magnetic Division, Meteorological Service, Department of Transport, 215
- magnetic observations, 21, 37, 55, 61, 76, 84, 117, 167, 183-4, 191, 267
- magnetic pole, 163
- magnetic (party) survey, 79, 83-4
- magnetic range beacon, 179, 249
- magnetometer, 31, 110
- Magog, PQ, 136
- Magpie Bay, NS, 228
- Mahone Bay, NS, 151, 235, 249, 256, 264-5, 270
- mail steamer, 20. See also carrier; coal steamer; ferry; icebreaker; lightship; minesweeper; police vessel; schooner; scow; ship; steamer; vessel
- Main Duck Island, ONT, 78
- Malagash, NS, 237, 250, 260
- Malaspina Inlet, BC, 257
- Malaspina Strait, BC, 96, 130, 239, 251-2
- Malibu Rapids, BC, 285
- Mall Bay Harbour, Bay Chaleur, 255

- Manicouagan River, PQ, 93  
Manicouagan Bay, PQ, 154  
Manigotogan River, Lake Winnipeg, 193, 201  
Manitoba, 4, 36, 49, 75, 152, 201, 209, 216, 218, 252  
Manitoulin Gulf, ONT, 34  
Manitoulin Island, ONT, 11, 13, 16, 22, 25, 27, 33, 87  
*Mansanita*, 267  
Mansel Island, Hudson Bay, 83, 98  
Maori War, NZ, 7  
map, 29, 36, 75, 102-3, 128, 156-7, 165, 177, 179, 182, 190, 195, 203, 208, 213, 218, 222, 227, 232-3, 241, 253, 263, 269, 275, 280-1, 284, 287, 295, 297  
Map Compilation and Reproduction Division, Department of Mines and Technical Surveys, 227, 295  
Map Division, International Civil Aviation Corporation, 218  
Map Division, Public Archives and National Library, Ottawa, 37  
Map Service, 226-7, 245, 253-4, 258, 287  
mapping, 43, 177, 241, 243, 296  
Mapping Division, Hydrographie and Map Service, 243, 296  
Marcellinus, Dr, 74  
Marcotte, D., 76  
Marine Agency, Department of Transport, Quebec, 81, 110, 143, 174, 207-8  
Marine and Fisheries Department. See Department of Marine and Fisheries; also Department of Fisheries; Fisheries Department  
Marine Department, Ontario Hughes Owens Co. Ltd., 169  
Marine Industries Ltd., Sorel, PQ, 266  
Marine Industries Shipyard, PQ, 283  
Marine Sciences Branch, Department of Mines and Resources, 3-4, 46, 56  
marine survey(ing), 39, 51, 53  
maritime provinces, 4, 43, 68, 107, 114-15, 161, 246, 248, 259  
Mark II sounder, 169, 178  
Mark IIA sounder, 169  
mark(er), (14-297:120)  
Markham, A. R., 75  
Marten River, PQ, 110, [122]  
Martin, C. H., 179, 211, 228, 234, 249, 254, 259, 264, 272, 278, 284, 291  
Martin, E. M., 269, 295  
Martineau, J. O., 45, 51  
Masset Sound, BC, 78  
Masson, R., 55  
Master's Papers (Inland Waters), 47  
Matane, PQ, 69, 99, 107, 192, 200, 203, 209  
Matchedash Bay, ONT, 224  
Mateo Bay, BC, 136  
Mathieson [Matheson] Channel, BC, [156, 164], 293  
Mathie, R. B., 287, 295  
Matthewman [Mathewson?], A. S., 131, 134, 150, 152, 241, 263  
Mathewson [Mathewman?], A. S., 136, 155, 165, 275, 294  
Maude Island, BC, 279  
Maxwell, W. F., 2, 8, 10, 54, 229, 255  
May, E. F., 162-3

- Mechins, PQ, 255
- Meehan, O. M. , iii, 3, 11,82, 178, 187, 195, 198-9, 203,205,212, 231,240, 252, 257, 268,286, 291, 294
- Melancon, H. , 45,51,55,58, 60-1, 102, 109, 114, 119, 132, 136, 156, 165, 182, 241,253
- MeLelan, W. A, 138
- Melville Point, ONT, 33
- Menzies Bay, BC , 127, 279
- mercator projection, 182, 185. See also conical; polyconic
- merchant marine, 57, 106, 240, 246, 248-9, 252, 257
- Mercure, J. N. , 45, 51
- Merigomish Harbour, Northumberland Strait, 283, 290
- Mesakonan Point, James Bay, 85
- meteorological observation, 76, 138
- Meteorological Service, Department of Marine and Fisheries (later Department of Transport), 116, 138-41, 145,207,215,267-8
- Meule Rock, PQ, 228
- Meyers Passage, BC , 136, 293
- Mica Shoal, ONT, 37
- Michaud Point, NS, 236, 250
- Michigan, USA, 33
- Michipicoten Harbour, ONT, 108, 122-3, 152
- Michipicoten Island, ONT, 66, 90, 108, 111
- Middle Islands, PQ, 228
- Middleback Island, Hudson Strait, 198
- Middleboro Island, Moose River, ONT, 84
- Middlesex, England, 169
- Midland Boat Works, 291
- Midland, ONT, 20, 23-4, 224, 230, 237, 277, 288, 291
- Michipicoten Island, Lake Superior, 118
- Mildrum Point, ONT, 18, 20
- Miles, G. H. , 290
- Miles, I. B. , 55-7, 60, 65, 68-9, 73-6, 81, 85, 93, 114, 147
- Military Hospital, London, ONT, 111
- Military Service Act (1917; 1939), 105, 233
- Militia and Defence. See Department of Militia and Defence
- Milk River, AB, 216
- Millbanke-Hakai Passage, BC , 239
- Millbanke [Milbanke] Sound, BC , [113], 164, 231, 239, 251
- Miller, W. J. , 97, 101, 109, 117, 119, 131, 134, 136, 150, 152, 155, 165,241,257-8,286
- Milligan, G. B, 292
- Mills Lake, Mackenzie River, NWT, 284
- Milverton**, 291
- Milwaukee, USA, 22
- Minas Basin, NS, 144, 254
- minerals, 14. See also coal; grain; iron ore
- Mines and Geology Branch, Department of Mines and Resources, 216
- Mines and Resources. See Department of Mines and Resources
- Mines and Technical Surveys (later Department of Energy, Mines and Resources), 4, 218, 277
- Mines, Forests and Scientific Services Branch (formerly Surveys and Engineering Branch), 246, 288,

295

- minesweeper, 275, 277, 288. See also carrier; coal steamer; ferry; icebreaker; lightship; mail steamer; police vessel; schooner; scow; ship; steamer; vessel
- Mingan Islands, PQ, 135, 149, 154, 200
- Mingan Strait (later Jacques Cartier Passage), PQ, 148-9, 151, 183, 232
- mining, 1, 59, 201, 206, 225-6, 272. See also agriculture; fishing (fishery); lumber(ing); shipbuilding; tourist industry
- Minister of Fisheries, 220
- Minister of Marine and Fisheries, 2, 9, 39-40, 44, 46-7, 53, 68, 70, 72, 138-9
- Ministry of War Transport, United Kingdom, 246, 254
- Minto*, 79-81, 83-5, 147
- Minto, Earl of, 44, 46
- Miquelon Island, France (offNL), 232
- Miramichi [Mirimichi] Bay, NB, [127, 129-30], 192, 271
- Miramichi River, NB, 129
- Miscou Harbour, NB, 172, 178, 187
- Mississauga Strait, ONT, 3
- Moncton, NB, 274
- Montague River, PEI, 290
- Montcalm*, 191, 198
- Montgomery, R., 55
- Montreal, 13, 23, 32, 37, 45, 49-50, 53, 55-6, 58, 60-1, 65-7, 69, 72, 76-7, 69, 72, 76-7, 79, 81, 83, 86, 88, 90-1, 94, 97, 99, 101-2, 107, 109-10, 113, 130-1, 133, 138, 141, 148, 160, 169, 174, 176, 182, 189-90, 195, 201, 203, 207, 212-14, 216, 220-2, 224, 230, 237, 256-7, 275, 280, 286, 291
- Montreal Board of Trade, 138
- Montreal Ecole Polytechnique, 89
- Montreal Island, 37
- Montreal River, PQ, 216
- Montreal Water Level Commission, 109, 113
- Montreal Waterworks aqueduct, 195
- Montrose*, 150
- Moore, C, 123
- Moore, D., 282
- Moore, J.J., 130, 164, 194, 202, 211, 238, 273
- Moose Factory, James Bay, 84, 93, 98-9, 106
- Moose Point, ONT, 20, 23
- Moose River, James Bay, 84-5, 99, 106, 145
- Moosonee, James Bay, 207, 209
- Moraine Point, Great Slave Lake, NWT, 291
- Morey Channel, Fraser River, BC, 257
- Moriarity, J. G. [F.], [264], 270, 276, 282, 289
- Morrier, J. E., 75, 216
- Morrisburg Canal, 114
- Morrisburg, ONT, 133, 291
- Morrissey, Mr, 292
- Morrison, R., 272
- Morrison, S., 250
- Morse Basin, BC, 267

- Mortier Bay, NL, 255  
 Mortimer, F. R., 84, 95, 100, 108, 111  
 Mosher Island, NS, 254  
 Moss Passage, BC, 164  
 motorboat, 62, 162, 175. See also barge; canoe; craft; cutter; dinghy; dory; dredge; gig; houseboat; launch; sail boat; tug; whaleboat; yacht  
 Mouat, W., 185  
 Mount Sherrick, ONT, 99  
 MS 2 echo-sounder, 197-8, 204, 209, 243, 255, 259, 265, 270  
 MS 3 echo-sounder, 196-8, 206, 209  
 MS 10 echo-sounder, 255, 261, 266, 270  
 MS 12 echo-sounder, 197-8  
 MS 14 echo-sounder, 198, 237, 243, 260, 266, 281, 288  
 Mulgrave, NS, 265  
 Munro, N. C., 95, 108, 111  
 Murcheson, Capt, 83  
 Murdock, L. P., 291  
 Murphy, L. H., 295  
 Murray Bay, PQ, 53, 212, 221  
 Murray Canal, ONT, 24  
 Murray Harbour, PEI, 289-90  
*Murray Stewart*, 212  
 Murray, W. C., 166  
 Murray, W. J., 11  
 Musgrave, P. C., 57, 62-3, 66-7, 71, 78, 82, 90, 96, 100, 108, 111, 113, 116, 118-19, 225, 242  
 Muskoka Lakes, ONT, 233  
 Musquash Harbour, Bay of Fundy, 115  
 Musquodoboit Harbour, NS, 207  
 Mutton Bay, PQ, 154
- Naas River, BC, 101  
 Nachvak Bay, LAB, 8  
*Naden*, 82, 91, 96, 100-1, 103, 105, 108, 111, 116  
 Nain, LAB, 8  
 Nalau Passage, BC, 252  
 Namu Harbour, BC, 262  
 Nanaimo, BC, 90, 206, 220, 224  
 Nanoose, BC, 273  
 Nansen stopcock reversing deep-sea bottle, 167  
 Nanticoke, ONT, 28  
 Nares, J. D., 78, 296  
 Naspardi Inlet, BC, 220  
 Natashquan, PQ, 172, 176-7, 185-6, 192, 200  
 National Air Photo Library, Ottawa, 177  
 National Committee of Canada, 49  
 National Defence. See Department of National Defence; also Department of Militia and Defence  
*National Defence Act* (1922), 128  
 National Harbours Board (Department of Public Works; Department of Transport), 230, 246, 262, 286-

- National Ports Survey Report (1931-2), 189-90  
National Research Council, Ottawa, 166, 190, 246, 272  
National Research Council, Rome, 142, 145  
National Resources Branch, 190  
National Revenue. See Department of National Revenue  
Nautical Almanac Office, London, 140, 142  
nautical chart, 241, 243, 263, 280, 288, 295  
Naval Construction (Branch) Division, Department of Marine and Fisheries, 203, 277  
Naval Service. See Department of Naval Service  
navigation, (1-295:159)  
navigation chart, 1, 4, 26, 49, 61, 64, 68, 117, 158-9, 170, 174, 182, 203, 206, 209, 220, 222, 225-6, 235, 237, 247, 253-4, 257-8, 269, 280-1, 294. See also baryta; egg route; harbour; isogonic; small boat; tourist; yachtsmen  
navigation season, 11, 14, 22, 31, 34-6, 69, 109, 131, 139-40, 165, 173, 185, 266, 281, 284, 292  
*N.B. McLean*, 170, 191, 198-9, 240, 204, 208-9, 226, 240, 254-6, 259, 261, 266-7  
Negretti reversing deep-sea thermometer, 167  
Negro Point, NS, 128  
Neguac Gully, NB, 129  
*Nelson (Sea Louse)*, 73-4, 80-1, 85, 106, 112, 118, 127, 129, 135, 145  
Nelson River, M A N (Hudson Bay), 37, 51, 75, 79-80, 83, 172, 183, 187-8, 206  
Nelson River, M A N (Hudson Bay) Survey, 73, 78-80  
Nelson Shoal, Hudson Bay, 83  
Nepean Sound, BC, 82  
*Neptune*, 138  
Nesbitt, J. A., 239  
Netagamu River, PQ, 186  
Netherlands, 142  
New Brunswick, 4, 43, 53, 64, 114-15, 118, 145, 147, 160, 200, 212, 226, 246, 271, 284  
New England, USA, 7  
New Westminster, BC, 30, 108, 116, 293  
New York, NY, 120, 147, 156, 163  
New York State, 1  
New York State canal, 153  
Newcastle-on-Tyne, England, 76, 91, 185  
Newfoundland, 2, 4, 7-8, 73, 76, 107, 124, 143, 160-1, 175-6, 181, 187, 210, 212, 219, 221, 223, 226-8, 234-5, 246, 250, 254-6, 258-9, 264, 270-1, 280, 283, 291, 297  
Newfoundland Public Utilities, 259  
Newfoundland Railway, 212, 270-1, 280. See also Reid Newfoundland Railway  
Newfoundland Survey, 2, 8, 10, 59, 143  
Newman, R. L., 56, 60, 66, 72, 76, 101  
Ney, C. H., 226  
Niagara Peninsula, ONT, 43  
Niagara River, ONT, 30, 89, 100  
Nine-Fathom Bank, 27  
*Niobe*, 99  
Nipigon Bay, ONT, 65-6, 108, 111  
Nipigon Strait, ONT, 55  
Nisbet, J., 15, 38, 41, 51, 89, 108, 118, 122, 127  
Nitinat Lake, BC, 195

- Noble Brothers, Killamey, ONT, 11  
 Noonan, R. J., 290  
 Nootka Inlet, BC, 164  
 Nootka Sound, BC, 202  
 Norfolk, Virginia, 147  
 Norman Wells, NWT, 285, 292  
 North American and West Indies Squadron, RN, 8-9  
 North Arm, BC, 193  
 North Bay, ONT, 209  
 North Bluffbeacon, James Bay, 99  
 North Channel, Lake Huron, 1-4, 9-11, 14, 16, 18-20, 23, 26-7, 29, 35, 41-2, 48, 84, 87, 90, 97, 100, 103, 108, 114-15, 147, 174, 207, 212  
 North Channel Survey, 19-20, 35, 42, 90, 118  
 North Point, PEI, 151  
 North Skeena Passage, BC, 66, 101  
 North Sydney, NS, 256, 271, 276, 282  
*Northampton*, 9  
 Northeast Arm, Gulf of St Lawrence, 160, 172, 222, 235  
 Northern Boat Co. Ltd, Edmonton, AB, 163  
 Northern Transportation Company Ltd., 284, 291  
 Northumberland Strait, 68, 73, 76, 118, 122, 127, 143-4, 172, 178, 182, 187, 193, 219, 223, 228, 233, 236, 246, 249, 250, 260-1, 265, 271, 277, 282-3, 289-90  
 Northwest Arm, Halifax, 114, 235  
 Northwest Navigation Company, Selkirk, MAN, 36  
 Northwest River, LAB, 124  
 Northwest Territories, 75, 272, 284, 292  
 Northwest Territories Branch, Department of Interior, 204  
 Norwegian government, 107  
 Nottawasaga Bay, ONT, 23-6  
 Nottaway River, PQ, 85  
 Nottingham Island, Hudson Strait, 176, 203, 209, 266  
 Nova Scotia, 4, 43, 64, 68, 106-7, 110, 114-15, 117, 121, 124, 128, 132, 135, 139-41, 147-8, 151, 165, 167, 175, 187, 196, 205, 233, 246, 249-50, 254, 259, 264-5, 270, 276-7, 282, 284, 289-90, 294  
 Nowish Inlet, BC, 293  
 Nuvuk Harbour, Hudson Strait, 208-9
- Oak Point, NB, 187  
 Oakland, California, USA, 239  
 Oakville, ONT, 94, 108  
 oblique photograph, 177. See also aerial  
 Observation Cove, Balcom Inlet, Hudson Strait, 198-9  
 o'Brigus, Black Tom 73. See also Gushue, T.  
 Ocean and River Service, Department of Marine and Fisheries, 25  
 oceanographic(al) observations (investigations; research), 14, 147, 167-8, 176, 184, 207  
*Odile*, 162  
 offshore, 16-17, 25, 28, 38, 51, 58, 70-1, 75, 80, 82, 89, 92, 96, 106-7, 109, 117, 121, 123, 126, 128, 132, 137, 149, 170, 173, 176, 184, 186, 191-2, 198, 205, 219, 228, 234, 236, 239, 283, 285, 292

- Ogden Channel, BC, 78  
Ogdensburg, ONT, 32  
**Ogopogo**, 193  
Oiseau Bay, ONT, 108, 111  
Okisollo Channel, BC, 133  
Old Harry Head, Magdalen Islands, PQ, 219  
Ombabika Bay, ONT, 238  
Omiak Channel, Mackenzie River delta, NWT, 202  
Ontario, (5-295:115)  
Ontario Hughes Owens Co. Ltd, Ottawa, 163, 168-71, 177, 180, 256, 266, 270  
Ontario Hydro Power Commission, 286  
Order of the British Empire, 218, 246  
Orient, 20, 58  
Orient Bay, Lake Nipigon, ONT, 238  
Origeaux Point, PQ, 210  
Orleans Island, PQ, 115, 118, 174, 185, 207  
Orlebar, J., 140, 210  
Oromocto Shoals, NB, 200  
Ortiz, H., 61, 65, 68, 76  
Orwell Bay, PEI, 172  
Oshawa, ONT, 180  
Otard Bay, BC, 91, 96  
Ottawa, (2-297:256)  
Ottawa Civic Hospital, 48, 147  
Ottawa Collegiate Institute, 47  
Ottawa River, 49, 51, 56, 58, 61, 65, 69, 77, 103, 113, 195, 203, 207, 221, 233, 246, 272, 280, 294  
Ottawa River Survey, 72, 77, 216  
Otter, H. C., 7  
Otter Head, ONT, 100, 108, 111  
Otter Pass, BC, 293  
Outarde[s] Bay, PQ, [151], 154, 219  
Outarde River, PQ, 151  
Outer Duck Island, ONT, 31, 33  
Outside Service, 22-3, 40, 63-4, 102, 105, 120-1. See also Inside Service  
Owen Sound, Georgian Bay, 10, 13-14, 18, 20-3, 27-32, 35, 37, 41, 51, 62, 65, 70, 90, 96, 100, 108-9, 111, 118, 126  
Owen, W. F. W., 29  
Owsten, C. H., 163
- Pace River, ONT, 154  
Pacific coast, (4-297:98)  
Pacific Coast Survey, Victoria, BC, 52, 157, 273  
Pacific Harbour, BC, 91  
Pacific Salvage Company, 273  
Panama Canal, 194  
Paquette, Y. C., 263, 295  
Parent, P. E., 45, 49, 55, 102, 109, 114, 119, 132, 136, 156, 165, 182, 190, 196, 227, 233  
Paris, France, 48, 141-2  
Parizeau, H. D., 41, 45, 51, 55, 58-9, 62, 66-7, 71, 73-4, 78-9, 84-5, 93-5, 100, 108-9, 111, 113, 116,

- 118-19, 122-3, 127, 130, 133, 136, 150, 152, 155, 159, 164, 171, 173, 180, 188, 193, 196, 202, 206, 211, 220, 224-6, 230-1, 239, 246, 248, 251-2, 262-3, 267, 273, 278-9
- Parker, O. R., 82, 90, 96, 100, 108, 111, 117-18, 123, 127, 130, 133-4, 292
- Parliament, Ottawa, 2-3, 11, 30, 45, 52, 68, 101, 120, 128, 140, 175, 213
- Parrsboro, NS, 254
- Parry* (formerly *Talapus*), 275, 278, 281, 288, 292-3, 297
- Parry [Perry?], A. D., [286], 294
- Parry Bay, BC, 267
- Parry Channel, NWT, 4
- Parry, J. F., 55, 71, 78, 292, 294
- Parry Sound Investigations* (1898), 32
- Parry Sound, ONT, 19-20, 23-4, 32, 35, 189, 230, 233, 238, 272, 288
- Parsons, J. C., 39
- Parthia*, 20, 230
- Parthia Shoal, BC, 127, 230
- Passamaquoddy Bay, NB, 145, 150, 156
- Passamaquoddy River, NB, 165
- patent log 16-17, 71
- Pathfinder*, 130
- Patricia Bay, BC, 285
- Paulsen, C. P., 36-7
- Payne, D., 251
- Pazkowski, H., 295
- Peace River, AB, 233
- Pearl Harbour, Hawaii, 257
- Pearl Island, NS, 259, 264, 270
- Pelee Point, ONT, 29. See also Point Pelee
- Pelerine, H., 270, 276
- Pelican Rapids, ONT, 177
- PellyLake*, 201-2
- Pender*, 130, 160, 180, 188, 193, 202, 206, 211-12, 220, 224-5, 230-1, 233, 238-9, 243, 246, 251-2, 256-7, 259, 262, 267-8, 270, 273-5, 278-80, 285, 288, 292-3, 297
- Pender, D. R., 180
- Penetang Island, ONT, 237
- Penetanguishene, ONT, 20, 22-3
- Peninsula Harbour, ONT, 95, 100
- Pennant Point, NS, 109, 115
- Pennyworth*, 185
- Pentecôte River, PQ, 122, 162
- Percival Narrows, BC, 156, 164
- Perkins, A., 92
- Perley, G., 48
- Perroquet Islands, PQ, 252
- Perry [Parry?], A. D., 286, [294]
- Perry's Point, NB, 176,
- personnel, 12, 15, 40, 45, 64, 102, 105, 117, 119, 121, 142, 144-5, 157, 162, 166, 180, 184, 189, 195, 206-7, 214, 216, 231, 233, 240-2, 245, 250, 254, 262, 273, 275-6, 287, 292, 294-5, 297. See also crews; employment (employees)
- Peters, F. H., 51, 75, 159, 215-18, 224-5, 227, 231, 240, 245-6, 249, 281, 288, 295-6

- Petitcodiac River, NB, 142, 145, 274, 286  
Petite Vallée, PQ, 255  
Petrel Channel, BC, 113  
Petticrew, R. F., 295  
Philadelphia, USA, 140  
Phillip, J. M., 262  
Pic Island, ONT, 38, 95, 100  
Pictou Bar, NS, 228  
Pictou Depot, Pictou, NS, 247, 277, 282-3, 288, 290, 296-7  
Pictou dry-dock, Pictou, NS, 172  
Pictou Island, NS, 271, 283  
Pictou, NS, 139, 141, 149, 172, 177-8, 192, 228, 235, 276-7, 283, 290, 296  
Pier Island, PQ, 224  
Pigeon Bay, ONT, 38-9, 51, 87, 108, 117  
Pigeon River, ONT, 66, 112  
Pilot Authority, 20  
**Pilot No. 1**, 163-4, 166, 173, 188, 191, 201-2, 204, 292  
Pinard, Y., 213, 241, 253, 295  
Pinaud Shipyard, Baddeck, NS, 282, 289  
Pine Tree Point, PQ, 291  
Pinet, A. J., 45, 50, 55, 58, 61, 65, 69-70, 77, 81, 85, 93, 99, 102, 109, 114, 119, 132, 136, 156, 182  
Pinette River, PEI, 172, 223  
Pinette Shoals, PEI, 250  
Pittsburgh and Shenango Railway, 29  
Placentia Bay, NL, 255  
Plamoden [Plamaden?], A., 55, [58]  
platform buoy, 25, 27, 39. See also buoy; flag; gas; sono; spar  
Plaxton, C P, 124, 226  
Playgreen Lake, M A N, 172, 179, 183, 188  
Playter, W. C., 108, 111  
Plumper Bay, BC, 273, 279  
Point Amour, PQ, 228  
Point Atkinson, BC, 21  
Point Barrow, Alaska, 201  
Point Bevis, NS, 276  
Point Citrouille, PQ, 251  
Point Cockburn, ONT, 24  
Point Comfort, James Bay, 93  
Point Detour, ONT, 18  
Point Detour Lighthouse, ONT, 18  
Point Isacor, ONT, 122. See also Isacor Point  
Point Lepreau, NB, 153  
Point Pelee, Lake Erie, 27, 30-1, 118, 189. See also Pelee Point  
Point Peter, PQ, 132, 146  
Point Platon, PQ, 50  
Point Prim, PEI, 223  
Point Rich, NL, 234  
Point Rich, ONT, 18  
Pointe au Maurier, PQ, 186

- Pointe au Pic (Murray Bay), PQ, 212  
 Pointe aux Orignaux, PQ, 53  
 Pointe aux Pins, ONT, 30-1  
 Pointe aux Trembles, PQ, 291  
 Pointe Claire, PQ, 231, 258  
 Pointe des Monts, PQ, 99, 107, 110, 122, 137, 181, 192  
 Pointe Ferolle, NL, 228  
 pole-vane method, 291  
 police vessel, 22. See also carrier; coal steamer; ferry; icebreaker; lightship; mail steamer; minesweeper; schooner; scow; ship; steamer; vessel  
 Pollock Point, NS, 264  
 Poison Works, Owen Sound, ONT, 22  
 polyconic projection, 69-70. See also conical; mercator  
 Pope, H., 61  
*Porcupine*, 7  
 PorlierPass, BC, 133, 136  
 Porpoise Bay, BC, 267  
 Porpoise Harbour, BC, 262  
 Port Alberni, BC, 252, 267  
 Port Alice, BC, 123  
 Port Arthur, ONT, 39, 70, 80, 96, 101, 109, 111, 113, 118, 122, 152, 155, 165, 207, 213, 231, 258  
 Port aux Basques, NL, 212, 226, 270-1  
 Port Blakeney, BC, 164  
 Port Borden, PEI, 76, 122, 192, 265, 271, 277  
 Port Burwell, NWT, 74-5, 81, 83, 92, 138, 167, 176  
 Port Colborne, ONT, 22, 27-30, 70, 88  
 Port Credit, ONT, 94, 100, 108  
 Port Dalhousie, ONT, 12, 28-9, 88-90, 108, 131  
 Port Daniel, PQ, 255-6  
 Port Darlington, ONT, 82, 89, 94  
 Port Dauphin (St Ann's Harbour), Cape Breton Island, 223  
 Port Dover, ONT, 28-9  
 Port Elgin, ONT, 34  
 Port Hardy, BC, 279  
 Port Harrison, Hudson Bay, 144  
 Port Hastings, NS, 277  
 Port Hawkesbury, NS, 139, 277, 283  
 Port Hebert, NS, 249  
 Port Hood, NS, 8, 187  
 Port Hope, ONT, 82  
 Portland Inlet, BC, 152, 180  
 Port Laperriere, Hudson Strait, 209  
 Port Louis, BC, 96, 220  
 Port McNicoll, ONT, 224  
 Port Medway, NS, 110  
 Port Midland, ONT, 224  
 Port Moody, BC, 21  
 PortMunro, ONT, 100  
 Port Nelson, Hudson Bay, 73, 76, 79, 81, 88, 92, 98, 146

- Port Neville, B C , 136  
Port Rowan, O N T , 29  
Port Severn, O N T , 230, 237-8  
Port Simpson, B C , 96, 143  
Port Stanley, O N T , 29, 70, 152  
Port Townsend, B C , 156  
Port Weller, O N T , 173  
Port Whitby, O N T , 89  
Portland Inlet, B C , 152, 180  
Post Office Building, Victoria, B C . See buildings  
Potter, J. D , 232  
Potts, C. B , 169, 171, 266  
Powell River, B C , 150, 211  
Powell, W. H , 78  
prairie provinces, 1  
Precise Water Levels Division (formerly Automatic Gauges), 3, 88, 160-1, 203, 207, 216, 237, 240, 243, 249, 257, 278, 286, 296  
Prefontaine, R , 44  
Prescott, O N T , 45, 51, 58, 70, 78, 82, 89, 94, 100, 108, 160, 172, 178, 187, 201, 210, 219, 224, 229-31, 237, 242, 251, 256, 258, 261, 266, 272, 278, 281, 283-4, 291  
Present Island, Georgian Bay, 238  
Presqu'ile Bay, O N T , 24, 70, 78  
Presqu'ile Cove, Great Slave Lake, N W T , 173  
Presqu'ile, O N T , 78, 82, 89  
Preventive Service, Department of National Revenue, 106, 153, 161, 167, 172  
Price, C. A , 88, 94, 97, 101, 109, 112, 116, 119, 123, 131, 134, 136, 145, 150, 152, 155, 165, 181, 203, 207, 221, 227, 237, 240-1, 248, 253, 258, 263, 274-5, 292, 294, 296  
Prince Edward Island, 4, 72, 76, 122, 235, 246, 250, 271, 277, 290  
*Prince of Wales*, 255  
Prince of Wales Strait, Western Arctic, 4  
Prince Rupert, B C , 59, 62-3, 66, 70, 78, 118, 150, 152, 155, 252, 257, 267-8  
Prince Rupert Harbour Survey, 59  
Princess Louise Inlet, O N T , 273  
Printing Bureau, Department of Public Works, 69, 86-7, 106, 112, 127, 241, 253  
Pritchard, J. S., 288  
Prittie, L. C , 92, 98, 106, 109, 113-14, 117, 121, 292  
Pritzler Harbour, Baffin Island, 198-9, 204-5  
Privy Council, 44  
Providence Bay, O N T , 32-3  
Providence Rapids, Mackenzie River, N W T , 284  
Provincial Building, Charlottetown, PEI. See buildings  
Public Printing. See Department of Public Printing (and Stationary)  
Public Service Rearrangement and Transfer of Duties Act (1927), 215  
Public Service Retirement Act (1920), 121-2. See also Calder Act  
Public Works. See Department of Public Works  
Pugwash, NS, 237, 260, 271  
Pulkey Rock, O N T , 11  
Punk Island, Lake Winnipeg, M A N , 193, 211

- Quadra*, 31, 143  
 Quatechu Bay, PQ, 135  
 Quatsino Inlet, BC, 123  
 Quatsino Narrows, BC, 150  
 Quatsino Sound, BC, 123, 127, 155, 220  
 Quebec, 10, 29, 49, 138, 141, 148, 226, 242  
 Quebec Bridge, Quebec City, 237  
 Quebec (City), (4-294:167)  
 Quebec Hydro Electric Power, 286  
 Queen Charlotte Islands, BC, 71, 78, 82, 101, 108-9, 111, 133, 150, 152, 180, 211-12, 220, 225, 257, 259  
 Queen Charlotte Sound, BC, 146, 252, 257, 267, 293  
 Queen Charlotte Strait, BC, 155  
 Queen Elizabeth Islands, NWT, 4  
 Queen's University, 94, 99
- Rabbit Island, LAB, 124  
 Rabbitskin River, NWT, 278  
 Race Point, ONT, 279  
 Race Rocks, Vancouver Island, 174, 193  
 Rachel Island, BC, 66  
 radar, 240. See also Decca; DF (RDF) station; loran; radio acoustic ranging (RAR); radio direction finding (RDF); shoran; wireless  
 Radikir, P. A., 187, 195, 201, 207, 210-11, 219, 224, 228, 238, 242, 253-4, 258-9, 264-5, 270, 276-7, 289-90  
 radio acoustic ranging (RAR), 160, 234, 239, 251-2. See also Decca; DF (RDF) station; loran; radar; radio direction finding (RDF); shoran; wireless  
 radio direction finding (RDF), 117, 121, 124, 160. See also Decca; DF (RDF) station; loran; radar; radio acoustic ranging (RAR); shoran; wireless  
 radio station, 266  
 Radio Telegraph Service, 114, 116, 128, 176  
 Rae, 246, 251, 277, 281, 288, 291-2, 297  
 Rae, J., 291  
 Rafael Point, BC, 206  
 Railway Company engineers, 21  
 Railways and Canals. See Department of Railways and Canals  
 Rainboth, W. E., 213, 241, 258, 263, 275, 294  
*Rainbow*, 100  
 Range Island, Mackenzie River, NWT, 188  
 Rankin, D. A., 257, 262, 273, 285, 293  
*Ransom*, 113, 116  
 Rattlesnake Harbour, ONT, 11, 15  
 Razade Islands, PQ, 65  
 RCAF, 177, 183, 188, 193, 200, 204-5, 210, 250-1, 254, 258, 267, 276  
 RCMP Preventive Force, 232  
 Rea (Daly) Building, Ottawa. See buildings  
 reclassification, 44, 105, 117, 120, 146, 156, 159, 161, 166, 190, 214, 216, 222, 234, 245, 248-9, 252-3. See also classification  
 reconnaissance (survey), 80, 185-6, 198, 202, 209, 233, 261, 265-7, 281, 297

- recreation, 232, 287  
Red Bay, LAB, 80  
Red Head, NB, 124  
Red River, MAN, 4, 36, 193  
Reed, F. A., 203, 240-1, 275, 288, 294  
reef, 10, 28, 31, 34, 39, 78, 113, 172  
refit, 11, 90, 118, 143, 228, 266, 283  
Reid, H. E., 212  
Reid Newfoundland Railway, 212. See also Newfoundland Railway  
Reid Passage, BC, 164  
research, 4, 142, 167-8, 189-90, 193, 221, 223, 226-7, 242  
Resolution Island, Hudson Strait, 98, 176, 184-5, 191, 198-9, 203, 266  
Resolution settlement, NWT, 273  
Restigouche River, NB, 133, 136, 212  
*Restless*, 123, 127-8, 130, 133-4, 136, 146, 153, 155  
resurvey. See survey  
Retiring Act: (1898), 40; (1914), 103  
Réveillon Frères Trading Company (later Hudson Bay's] Company), 84, 98, 106  
revenue, 106, 153, 161, 191, 230, 247, 281, 295  
Reversing Falls, Saint John River, NB, 176, 187, 265  
Rhondeau Harbour, ONT, 29  
Richards, G., 276  
Richards, G. E., 21  
Richards Island channel, Mackenzie River delta, NWT, 179  
Richibucto River, NB, 172, 271, 290  
Richelieu [Richilieu] River, PQ, 130, [237, 283-4, 288]  
Rideau River, ONT, 281, 284, 288  
Rideau River waterway (canal; lakes system), ONT, 232, 281, 284, 297  
Rigolet, LAB, 8, 124, 145  
Rimouski, PQ, 76, 85  
Ripple Rock, BC, 127, 143, 146, 246, 267-8, 270, 273, 279, 297  
Ritter, H., 50  
Rive River, MAN, 193  
River John, NS, 250, 283  
River Ouelle, PQ, 54  
Riverport, Bay of Fundy, 254  
Rivers Inlet, BC, 220, 224-5, 239, 268  
Roach, J., 125, 129, 151, 153, 162, 177, 185, 235-6  
Roach Rock, St Lawrence River, 177  
Roberts, E., 140  
Robertson, W. A., 54  
Robinson, G., 92  
Robson, S. A., 41, 162, 169, 171-2, 187, 202, 206, 229  
Robson, W. A., 98, 106, 117, 129, 132, 154  
Rock of Ages, Lake Superior, 39  
Rocky Pass, BC, 195  
rodmen, 45  
Rogers, R. A., 94, 99, 108, 110, 117, 119, 121, 124, 128  
Roix Shoal, St Lawrence River, 69

- Rolland, R, 40, 45, 51  
 Romaine, PQ, 228  
 Rome, Italy, 142, 145  
 Rondeau Harbour, ONT, 30, 70  
 Roosevelt, F. D., 255  
 Rose Harbour, Queen Charlotte Islands, BC, 211  
 Rose Point, Queen Charlotte Islands, BC, 82  
 Rose Spit, Queen Charlotte Islands, BC, 78, 212  
 Ross, C. C., 78  
 Rothesay, NB, 156  
 route, (1-292:99)  
 Roy, E. O., 45, 51  
*Royal Alfred*, 8  
 Royal Astronomical Society of Canada, 49, 148  
 Royal Canadian Engineers, Department of Militia and Defence, 43  
 Royal Canadian Navy. See Canadian Navy  
 Royal Commission on Technical and Professional Service, 166  
 Royal Military College, Kingston, 11, 14, 47, 51, 108, 147, 216, 238  
 Royal Naval College, Esquimalt, BC, 116  
 Royal Navy, 7-9, 46, 72, 78-9, 100, 106, 110, 146, 150, 168, 255  
 Royal Society of Canada, 53, 138, 142  
 R. S. Dalgleish Ltd, Newcastle, England, 185  
 rum-running, 232  
 Rupert Bay, James Bay, 84-5  
 Rupert House, James Bay, 85  
 Rupert Inlet, BC, 220  
 Rupert River, James Bay, 84-5, 93  
 Rutledge, R. W., 276  
 Rutley, J. A., 180, 188, 193, 202, 206, 211, 220, 224, 238, 251, 257, 262, 268, 273, 279, 285  
 Ryan, F. V., 154, 162, 167, 183, 234  
 Ryan, J. G., 279, 292
- Saanich Inlet, BC, 267  
 Sabine, C. W., 235  
 Sable Island, NS, 93, 107, 167, 175, 205  
 Safety Cove (Calvert Island), BC, 262  
 Saguenay River, PQ, 57, 60-1, 65, 107, 132, 144, 146, 162, 181, 201, 210, 212, 219, 224, 226, 262, 268, 288  
 sailboat, 85, 206. See also barge; canoe; craft; cutter; dinghy; dory, dredge; gig; houseboat; launch; motorboat; tug; whaleboat; yacht  
 sailing directions, (4-297:96)  
*Sailing Directions for British Columbia* (1930), 180  
*Sailing Directions for Skeena River, Middle Passage* (1907), 66-7  
*Sailing Directions for the Canadian Shores of Lake Huron* (1905), 52, 56  
*Sailing Directions for the Coastal Waters of British Columbia* (1909), 67  
*Sailing Directions for the Hudson Bay Route* (1932), 185  
*Sailing Directions for the St Lawrence River Between Quebec and Montreal* (1909), 67  
*Sailing Directions for the St Lawrence River from Quebec to Kingston* (1909), 9  
 Sailing Directions Section, 266

- St Andrews Channel, Cape Breton Island, 276  
St Ann Bay, NS, 189  
St Anns Harbour, Cape Breton Island, 223  
St Augustin, PQ, 189  
St Augustin Bar, PQ, 274  
St Catherines, ONT, 11  
St Charles River, PQ, 237  
St Clair River, 33, 41, 163  
St Croix River, NB, 48  
St Flavie, PQ, 85  
St Francis River, PQ, 256, 261  
St Fulgence, PQ, 132, 210, 224  
St Helen Island, Montreal, 133  
*St Heliers*, 212  
St Hilaire Mountain, PQ, 272  
St Irene, PQ, 266  
Saint Jean, PQ, 130  
St Joachim, PQ, 115  
Saint John, NB, 112, 140, 151, 153-4, 162, 176, 178, 187, 200, 226, 235, 265, 270, 272  
Saint John River, NB, 155-6, 160, 182-3, 187, 193, 200, 204, 210, 224  
St John's, NL, 107, 181, 212, 226, 256, 259, 265, 271  
St Joseph Channel, ONT, 19  
St Lawrence Commission, 108  
St Lawrence Estuary, 181, 231, 240  
St Lawrence River, (3-294:199)  
St Lawrence River (Investigation) Commission, 91, 94, 108  
St Lawrence River ship channel, 32, 45, 58, 60, 94, 99, 109  
St Lawrence River Survey, 56, 65, 72, 85, 102, 109, 195, 214, 254, 261, 274  
St Lawrence Seaway, 160, 178  
St Lewis Inlet, L A B, 228, 235  
St Margaret's Bay, NS, 270, 276, 282  
St Mary Bay, PEI, 290  
St Mary River, ONT, 35  
St Mary's Bay, NL, 187  
St Mary's Island Light, PQ, 176, 209  
St Mary's Island, PQ, 171, 176  
St Mary's River, ONT, 108, 123, 218  
St Michael Bay, L A B, 176  
St Michel, PQ, 219  
St Patrick Channel, Cape Breton Island, 289  
St Paul Island, NS, Gulf of St Lawrence, 1, 32, 141, 144, 151, 176, 210, 219, 228, 291  
St Peter's Bay, Cape Breton Island, 172  
St Pierre and Miquelon, France (offNL), 232  
St Pierre, G. B., 55, 58, 61, 65, 69-70, 77, 81  
St Regis, NY, USA, 87  
St Regis, PQ, 112, 117  
Salary Deduction Act (1932), 214  
Salmon Arm, NB, 210  
Salmon River, NB, 210

- Salmon, T., 123, 136  
salt-water survey, 4, 21, 43, 47-8, 53  
salvage, 69, 219, 265, 273, 279  
Sambro Island, NS, 106  
San Mateo Bay, BC, 136  
Sand Heads, BC, 30  
Sand Point, NB, 176  
Sands Head, BC, 142  
Sandy Bay, PQ, 93  
Sandy Island, M A N, 36  
Sansum Narrows, BC, 206  
Sarnia, ONT, 22, 277  
Saskatchewan, 43, 218  
Saskatchewan Boundary Commission, 218  
Saugeen Peninsula, ONT, 18, 33  
Saugeen River, ONT, 34  
Sault Ste Marie canal (locks), 1, 70, 84, 87  
Sault Ste Marie, ONT, 1-2, 10, 20, 35, 88, 108, 118, 123, 178  
Savage Harbour, Hudson Strait, 98  
Savage Islands, Hudson Strait, 204  
Savary, C, 53, 57, 60, 65, 68, 73-6, 79, 81, 90, 93-4, 99-100, 107, 109-10, 113, 115, 117, 122, 125, 129, 132, 147-9  
Savary Inlet, BC, 273  
Savary Island, BC, 268  
Saxby gale (1869), 181  
Scandrett, F. R., 85  
Scatarie Island, Cape Breton Island, 137  
School of Mines, Kingston, ONT, 89  
schooner, 36, 73-4, 76, 80, 82-5, 91-3, 96-8, 100, 103, 105-6, 108, 116, 157, 163, 166, 173, 175, 179, 191, 197, 200-2, 204, 210, 228, 292. See also carrier; coal steamer; ferry; icebreaker; lightship; mail steamer; minesweeper; police vessel; scow; ship; steamer; vessel  
Schooner Passage, BC, 113  
Schreiber Point, ONT, 95  
Science Museum, South Kensington, London, 164  
*Scoter*, 277, 288  
Scotland, 7, 140  
scow, 55, 58, 94, 128, 130, 145. See also carrier; coal steamer; ferry; icebreaker; lightship; mail steamer; minesweeper; police vessel; schooner; ship; steamer; vessel  
*Sea Louse (Nelson)*, 73-4, 80-1, 85, 106, 112, 118, 127, 129, 135, 145  
sea temperatures, 14, 175  
Seaforth Channel, BC, 101  
Seal Cove, Prince Rupert Harbour, BC, 257  
Seal Island, Cape Breton Island, 276  
Seattle, USA, 156, 239  
Second World War (World War II), 4-5, 122, 143, 159-61, 166, 175, 183, 198, 204, 209, 211, 218, 232-4, 236, 238, 240, 243-5, 247-8, 269, 281, 285, 287, 289, 297  
Section of Oceanography, National Committee of Canada, 49  
Seed, B. D., 286, 294  
Selkirk Island, M A N, 37

- Selkirk, M A N , 36, 179, 187, 206, 211  
Selwyn Inlet, B C , 91, 96  
*Seringapatam*, 1  
Seven Islands, P Q, 122, 125, 129, 154  
Seven Islands Survey, 129  
sextant, 17, 24, 33, 71, 199  
Seymour Narrows, B C , 21, 127, 143, 246, 267-8, 273, 279-80, 285, 288, 293-4  
Shaftsbury Inlet, Baffin Island, 199  
Shanks, Mr, 155  
Shaw, C. B. , 98  
Shearn, D, 286, 294  
*Sheba*, 98  
Shediac Bay, N B , 236  
Shelburne, N S , 205, 249, 259, 264, 283  
Sheldrake River, P Q, 154, 162  
ship, (2-297:329). See also carrier; coal steamer; ferry; icebreaker; lightship; mail steamer;  
minesweeper; police vessel; schooner; scow; steamer; vessel  
shipbuilding, 264. See also agriculture; fishing (fishery); lumber(ing); mining; tourist industry  
ship channel, 32, 36, 39, 45, 55, 58, 60-1, 65, 91, 94, 99, 107, 109, 112-13, 115, 127, 146, 160, 172-4,  
182, 187-8, 190, 195, 206, 213, 220, 224, 237, 257, 268, 279  
Ship Channel Survey (Branch), Public Works Department, 37, 43, 45, 64, 132, 178, 181, 190, 251, 268  
Shippegan, N B , 172, 178, 187  
shipping, (1-292:53)  
Shipping Register, 11  
Ships Division, Marine Sciences Branch, 56  
shipwreck, 162, 201. See also casualties; catastrophes; disaster; founder; grounding; wreck  
shipyard, 18, 45, 49, 51, 55, 168, 180, 183, 194, 273, 282-3, 289. See also dockyard; dry-dock  
shoal, (10-293:141)  
shoran, 240. See also Decca; DF (RDF) station; loran; radar; radio acoustic ranging (R A R ); radio  
direction finding (RDF); wireless  
Shortt, T. A. , 117, 132  
Silvers, G, 127, 132, 156, 165, 182, 241  
Simard, J. H. , 185, 235  
Simmons Harbour, O N T , 65-6  
Simpson, J. A. , 40, 45, 96  
Simpson, R. S. , 190, 227, 241, 253  
Singapore, 255  
Skeena River, B C , 62, 66, 71, 101  
Skidegat, B C , 96  
Skidegate Channel, B C , 108, 111  
Skidegate Inlet, B C , 82, 130, 133  
Slate Islands, O N T , 66, 95, 178  
Slave Delta, N W T , 173, 272  
Slave River, N W T , 163, 173, 183, 188, 204, 273, 278, 285, 292  
sluice valve, 169  
small boat chart, 282, 284, 288. See also baryta; egg route; harbour; iogonic; navigation; tourist;  
yachtsmen  
Smart, P. E. , 292  
Smith, F. C. G. , 101-2, 107, 109, 117-18, 122, 124-5, 129, 133, 135, 150-1, 154, 159, 162, 172-3, 175,

- 180, 184-5, 191, 197-9, 204, 208-9, 211, 220-1, 224, 226, 240, 257, 292, 295-6
- Smith Sound, BC, 113, 293
- Smith, W., 3, 9, 15, 40
- Smithers, F. R., 251, 274, 279, 292
- Smiths Industries North America Limited, 169. See also Kelvin Hughes, Montreal
- smugglers, 232
- Snare River, NWT, 285
- Snelgrove, C. D. M., 41, 162, 172, 187, 198, 208, 237, 242, 250, 282, 290
- Somass*, 130-1, 133, 136, 150, 152, 155, 164, 173, 180, 188, 191, 193
- Somass River, BC, 91
- sonic sounder (sounding device), 167-71, 175, 178, 180, 183, 188, 196-8, 200, 202, 206
- sonobuoy, 265. See also buoy; flag; gas; platform; spar
- Sooke Harbour, BC, 164
- Sorel, PQ, 37, 77, 88, 90, 94, 113, 130, 133, 210, 237, 266, 272
- Sorel Shipyard, PQ, 45, 49, 51, 55
- Soulanges Canal, PQ, 219
- Souliere, O., 55, 58, 60-1
- Soulsby, H., 211, 292
- sounding drum, 125, 149
- Souris, PEI, 76
- South Africa(n), 3, 7-8, 37, 43-4, 160, 244
- South African Station, 7
- South African Survey, 8
- South African War, 3, 33, 37, 40, 43-4, 160, 187, 244. See also Boer War
- South Bay, Manitoulin Island, ONT, 26-7, 33
- South Channel, ONT, 20
- South Channel, St Lawrence River, 149-50
- South China Sea, 255
- South Bay, Manitoulin Island, 26-7, 33
- South Pacific, 270, 275
- Southampton Island, Hudson Strait, 261
- Southampton, ONT, 34
- Southeast Shoal, NL, 270
- Spanish Bank, BC, 267, 273, 293
- Spanish Bay, Cape Breton Island, 256
- Spanish River, ONT, 18
- spar buoy, 32, 63, 255. See also buoy; flag; gas; platform; sono
- Spencer, J. G., 292
- Sperry gyro-compass, 159, 163, 169, 180
- Sperry Gyroscope Co. Ltd, England, 163
- Sperry MK VIII, MOD2, 163
- Sperry Rand Canada Limited, 163, 169
- Spider Islands, Lake Winnipeg, 37, 257
- Squamish, BC, 153, 180
- Squaw Island Harbour, ONT, 11
- Stacey [?], G. B., 242
- Stadacona*, 130
- Stag Island, James Bay, 85
- Stamp Harbour, BC, 91

- Stanley*, 73-5,79, 147  
Stanley Park, Vancouver, 268, 273  
Ste Anne de Bellevue, Ottawa River, 77, 231 258  
Ste Anne de Sorel, PQ, 272  
Ste Anne des Monts, PQ, 118, 122, 203, 221  
Ste Genevieve Island (Mingan Islands), PQ, 171, 200  
Ste Roche des Aulnais, PQ, 113  
steam navigation, 1  
Steamboat Inspector, 35  
steamer, (1-273:185). See also carrier; coal steamer; ferry; icebreaker; lightship; mail steamer; minesweeper; police vessel; schooner; scow; ship; steamer; vessel  
Stewardson [Stewartson], A. E, 164, 173, 180, 188, [202], 206, 211, 220, 224, 238, 251-2  
Stewart, I, 108  
Stewart, R, 254  
Stewart, Wm. J, 3, 9, 11, 14, 18-19, 21-41, 45-70, 72-3, 77, 79, 81-2, 85-9, 93-7, 99-100, 102-3, 106-9, 112, 114-17, 119-122, 128-30, 132-6, 138, 143-4, 146-8, 150-1, 158, 160-1, 163, 171,214, 216, 224, 230  
Stewartson [Stewardson?], A. E , [164, 173, 180, 188], 202, [206, 211, 220, 224, 238, 251-2]  
stock market crash (1929), 166  
Stokes Bay, ONT, 33-4  
Stone Pillar lighthouse, PQ, 150  
Stone Pillar, PQ, 118  
Stoney, G. P. [G. S.?; G. W.?], 251, 285, 292  
Stoney, G. S. [G. P.?; G. W.?], 225, 238  
Stoney, G. W. [G. P.?; G. S.?], 279  
*Storstat*, 69  
Strait of Belle Isle, 53, 122, 142-4, 176-7, 183, 192, 209, 222, 228, 234, 283. See also Belle Isle, NL  
Strait of Canso, NS, 139, 144, 146, 150, 153, 165, 235, 246, 264-5, 277, 283  
Strait of Georgia, BC, 78, 143, 152, 188, 225, 239, 251, 257, 268, 273. See also Georgian Strait  
Stratton Island, James Bay, 93  
Strutton Harbour, James Bay, 99  
Strutton Island, James Bay, 99  
submarine sentry, 125-6, 167  
Sugar Loaf Hill, ONT, 27  
Sugluk Inlet, Hudson Strait, 80, 83, 209  
Sulphur Cove, Great Slave Lake, NWT, 173  
Summerside, PEI, 205, 277, 290  
*Superannuation Act* ( 1924), 121  
Superior Shoal, Lake Superior, 178, 207, 212  
Surette, G. A., 223, 228-9, 235, 249-50, 254-6, 260, 265, 271-2, 277, 282-3, 290  
Surf Channel, BC, 101  
Surge Narrows, BC, 133  
survey (1-297:2071). See also resurvey  
survey marker, 14, 271  
Survey of the West Coast of England, 9  
Survey of the West Coast of Scotland, 7  
Surveys and Mapping Bureau (later Surveys and Mapping Branch, Department of Mines and Resources), 51, 218, 246, 288, 295-6  
Sutil Channel, BC, 257, 293

- Swan Creek, NB, 193  
 Swan, H, 40, 91  
 Swan, Hunter and Wigham, Newcastle-on-Tyne, England, 91  
 Swan Point, NB, 200  
 Swanson Bay, BC, 113  
 Sweet, L. W, 258, 263  
 Sydenham, ONT, 97  
 Sydney Inlet, BC, 193  
 Sydney, NS, 114, 205, 223, 235, 254, 256, 289
- tables, 4, 126, 138-42, 144-6, 150, 153, 156, 158, 161, 165, 167, 174, 181, 184, 189, 196, 204, 208, 214, 222, 227, 229, 231, 233, 238, 241, 243, 252-3, 257-8, 262-3, 268-9, 273-5, 280-1, 285-7, 292, 294, 297
- Tahsis Inlet, BC, 280  
**Talapus** (renamed **Parry**), 278-9, 285, 292  
 Tardif, T. M, 167, 175, 183, 191, 198-9, 204, 208, 218, 222, 228, 237, 250, 254-6, 260, 264-5, 271, 277, 283, 290  
 Tasu Harbour, BC, 211  
 Tasu Sound, BC, 211  
 Tatamagouche Bay, NS, 68  
 Tatamagouche, NS, 250, 260, 277  
 Tatamagouche Survey, NS, 68  
 Tatchu Point, BC, 206  
 tax, 105. See also duty  
 Taylor, T. G, 54, 143, 232  
 techniques, 2, 26  
 Tecumseh Shoal, Lake Erie, 178  
 Teed, H. M, 92  
 Telegraph Narrows, Bay of Quinte, ONT, 219  
 Telegraph Passage, BC, 71  
 Temiskaming [Timiskaming] and Northern Ontario Railway, [145], 209  
 Tent Island, Beaufort Sea, 179  
**Tern**, 246, 288  
**Terra Nova**, 267  
 Thames River, ONT, 154  
 Thessalon, Lake Huron, 152  
 Thibaudeau, W, 75  
**Thistle**, 130, 133, 164  
 Thome, W. A. [W. T. ?], 134  
 Thome, W. T. [W. A. ?], 132  
 Thompson, J. I, 237, 251-2  
 Three Rivers (Trois Rivers), PQ, 88, 91, 94, 113, 251  
 Thunder Bay, ONT, 38-9, 51, 55, 58  
 Thunder Cape, ONT, 38  
 Thurston Bay, BC, 91, 96  
 Thwart Island, NL, 264  
 Tidal and Current Survey Division (later Tides, Currents and Water Levels), 3, 25, 30, 39-40, 53, 72, 103, 106, 125, 127-8, 134-5, 138-9, 146, 150, 153, 155-7, 159-60, 165, 174, 181, 183, 189, 192, 195, 203, 207, 212-14, 221, 226, 231, 234, 238, 240, 243, 251-2, 257, 262, 268, 270,

- 274, 280-1, 286, 288, 291, 294, 296
- Tidal Institute, Liverpool, England, 142, 145, 150, 231, 240, 268
- tidal observations (comparisons; predictions; records; surveys; work), 3, 21-2, 25, 30, 76, 85, 96, 127, 136, 138-46, 149-50, 155-6, 158, 160, 165, 175, 181, 185, 189, 191-2, 195, 200, 202-7, 209, 212-13, 221, 226, 231, 234, 239, 242, 248, 251-2, 263, 267-8, 272, 279, 288, 293-4
- tidal tables (calculations; publications), 4, 231, 233, 248, 297
- Tides, Currents and Water Levels (formerly Tidal and Current Division), 3
- Timm, W. B., 295-6
- Tingley, A. J., 165
- Titus, S. R., 176, 185-6, 200, 205, 209, 218-19, 222-3, 228, 233-5, 249, 254, 259, 264, 272, 278, 283-4
- Tobermory (Collin's) Harbour, Georgian Bay, ONT, 11
- Todd, T. A., 278
- Tofino Inlet, BC, 193
- Tolmie Channel, BC, 293
- Toney River, NS, 277
- Topographical and Air Surveys Bureau, 213, 215, 218
- topographical and hydrographic surveys (reconnaissance; work), 43, 202, 216, 225, 228, 261
- Topographical Survey of Canada (Topographical Surveys Branch, Department of the Interior), 215-6, 229, 295
- Toronto, 15, 37, 86, 89, 94, 100, 120, 229, 280
- Toronto Harbour Commission, 229
- Toronto Observatory, 79, 138
- Toronto School of [Practical] Science, 96
- tourist chart, 227, 232, 282, 284, 288. See also baryta; egg route; harbour; isogonic; navigation; small boat; yachtsmen
- tourist industry (tourists), 20, 176, 226, 232, 247, 269, 280, 288, 295. See also agriculture; fishing (fishery); lumber(ing); mining; shipbuilding
- trade, 2, 14, 18-19, 58, 73, 176, 222, 256, 269, 288-9
- transcontinental port, 23
- transportation (transport), 48, 55, 59, 62, 73, 81, 85, 95, 103, 112, 147, 149, 151, 163, 167, 176, 179, 185, 191, 206, 208, 221, 224, 238, 250, 255, 257, 269, 278, 285, 291. See also Department of Transport
- Treasury Board, 146, 234, 276
- Treaty of Versailles, 48
- Tredeley Island, James Bay, 99
- Tree Bluff, BC, 66
- Trent Valley Canal (system), ONT, 216, 288
- Trenton, ONT, 178
- Trent-Severn Waterway, ONT, 230, 233
- triangulate, (16-289:123)
- triangulation network, 10, 32, 79, 85-6, 90, 95, 100, 106, 110, 112-13, 117, 151, 162, 171, 185, 195, 198, 200-2, 210-12, 223, 228, 230, 252, 277-8
- triangulation station, 14, 27, 93, 111, 118, 186, 192, 194, 225, 228-9, 234
- triangulation survey, 24-5, 32, 125, 127, 130, 164, 191-2, 206, 225, 234, 264-5, 268, 282-4, 289
- Trinity Bay, NL, 7
- Trinity Bay, Saguaney River, PQ, 224
- tripping line, 17
- Trois Rivières (Three Rivers), PQ, 88, 91, 94, 113, 251
- Tryon Shoals, Northumberland Strait, 266, 271, 283

- Tuck Harbour, BC, 150  
 Tuck Inlet, BC, 63  
 Tucker Bay, BC, 224  
 Tucker, N., 294  
 tug, 10-11, 33, 36, 40, 42, 49, 90, 123, 136, 153, 155, 162, 172, 179, 230, 238, 265, 278, 292. See also  
     barge; canoe; craft; cutter; dinghy; dory; dredge; gig; houseboat; launch; motorboat; sail boat;  
     whaleboat; yacht  
 Tuktoyaktuk, Mackenzie River delta, NWT, 201-3  
 Tunanuk, Mackenzie River delta, NWT, 179  
 Turn Point, BC, 150  
 Turner, G. W., 180  
 Turner, J. A., [J. H. ?], 96, 100, 108, 111  
 Turtle, A. C., 165, 241, 263, 275, 294  
 Tyrwhitt, R. E., 32-3, 36-7, 39-40, 45, 51, 56
- Ungava Bay, PQ, 8, 266-7  
 Union Bay, BC, 273, 285  
 United Kingdom, 246, 254, 256-7. See also Great Britain  
 United States, (1-286:54)  
 United States Biological Station, Boston, 107  
 United States chart, 15  
 United States (Coast and) Geodetic Survey, 10, 130, 150, 183, 221, 234, 239  
 United States engineers, 22  
 United States Engineers' Office, 174  
 United States government, 1, 18-19, 27, 29-30, 138  
 United States Hydrographer, Washington, DC, 30  
 United States Hydrographie Office, Washington, DC, 30, 183, 190, 221, 246, 248, 270  
 United States Lakes Survey, 57, 69, 87, 90, 154, 174, 181, 183, 221, 246, 248  
 United States Survey, 25  
 University of British Columbia, Vancouver, 164  
 University of Toronto, 80, 286  
 Untin Bowler (aircraft), 167  
 Upper Gagetown, NB, 200  
 Upper Great Lakes, 18, 35, 37, 83, 89-90, 108, 111, 172  
 Upper Middleback Island, Hudson Strait, 198  
 Upper Ottawa River Works, 52  
 Upper St Lawrence River, 43, 69, 72, 160, 172-4, 178, 182, 187, 191, 195, 203, 207, 227, 229-30,  
     266, 294  
 Upward, R. A., 285, 292  
 US Army, 86  
 US Army Engineer Corps, 1. See also US Corps of Engineers  
 US Coast and Geodetic Survey, 27, 190  
 US Coast Guard, 264, 267  
 US Corps of Engineers, 37, 57. See also US Army Engineer Corps  
 US Lake Survey Station, 100  
 US Navy, 57  
 USSR, 274
- Valleyfield, PQ, 187, 291

- Vance, A, 37
- Vancouver, 21, 58, 123, 127, 130, 133, 136, 143, 146, 150, 153, 155-6, 159, 164-5, 173, 180, 201, 207, 211, 213, 220, 230, 238-40, 242, 249, 251-2, 257, 262, 267-8, 273, 279, 293
- Vancouver, Captain George, 79
- Vancouver Harbour Commission, 203
- Vancouver Island, 31, 67, 71, 91, 108, 123, 143, 150, 152, 174, 177, 180, 183, 188, 193, 195, 202, 206, 211, 220, 222, 225, 231, 239, 267
- Vancouver shipyard, 180, 273
- Varenes, PQ, 55, 291
- Vechte, L. M, 254, 258
- Veitch, N, 287, 295
- Venn, G. C, 57, 60, 65, 68, 76, 81
- Vercheres, 283
- Vermont, USA, 136
- Vescot, L, 74
- vessel, (2-292: 120). See also carrier; coal steamer; ferry; icebreaker; lightship; mail steamer; minesweeper; police vessel; schooner; scow; ship; steamer
- Viator*, 51
- Victoria, BC, 4, 7, 30, 44, 62-4, 66, 70-1, 78, 116, 118-19, 121-3, 127, 130, 133, 142, 157, 159-60, 164, 171, 173, 175, 180, 194, 202, 208, 211-12, 214, 220, 224-5, 230-1, 234, 238-40, 242, 246, 248-9, 251-3, 256-7, 262, 267-8, 273-4, 277-9, 281, 285, 292-3, 295-7
- Victoria Cross, 236
- Victoria Harbour, ONT, 23, 38-9, 51, 224-5
- Victoria Harbour, PEI, 265, 271, 277
- Victoria Island, ONT, 39, 51
- Vignault, I., 186
- Virgin Islands, Lake Nippigon, ONT, 238
- Voligny, L. R, 45
- Vrooman, A, 37, 52
- 
- Wakeham Bay, Hudson Strait, 80, 184-5, 191, 266
- Walbran, J. T., 31
- Walderson, C, 36-7
- Wales Island, Hudson Strait, 185
- Walker's Deepsea Sounding Machine, 125
- Walker's Harpoon Model (mechanical sounding machine), 149
- Wall Island, Georgian Bay, ONT, 11
- Wallace Harbour, NS, 260
- Waller Street Public School, Ottawa, 166
- War Measures Act, 233, 235, 245, 248
- War Supplement and War Risk Bonuses, 245
- Warburton, A. R, 68
- Wardle, J. M., 159, 214-15, 295
- Warken, C. P, 162
- Warren's Landing, Lake Winnipeg, 37, 179, 187-8, 206
- Washadamoak, NB, 193
- Washington, DC, 30, 48, 86, 142, 155, 221, 247
- Washtawooka Bay, PQ, 192
- Watts, W. J, 73, 127, 132, 156, 165, 182, 241, 253

- Waubaushene [Wabaushene], Georgian Bay, ONT, 23, [237]  
 Way Shoal, Ottawa River, 51  
 Weese, C. W., 174, 182, 241, 253, 295  
 Wekemikong Bay, Georgian Bay, ONT, 11  
 Welland (ship) Canal, 28-30, 83, 173, 187  
 Weller's Bay, ONT, 24  
 West Block, Parliament Hill, Ottawa, 11, 30, 52, 101  
 West Dover, NS, 282  
 West Indies, 8-9, 73  
 West Ironbound Island, NS, 254  
 West Point, Anticosti Island, PQ, 132, 135, 149  
 Western Islands, Georgian Bay, ONT, 23  
 whaleboat (whaler), 17, 21. See also barge; canoe; craft; cutter; dinghy; dory; dredge; gig; houseboat;  
     launch; motorboat; sail boat; tug; yacht  
 Wharton, W. J. L., 15, 46  
 Whiskeyjack Portage, Lake Winnipeg, 179  
 White Island, PQ, 69, 76  
 White, J., 140  
 White, P., 169  
 Whitefish Bay, Lake Superior, 37  
 Whitefish Island, Lake Superior, 188  
 Whittle, J. M., 231  
 Whycocomagh, Cape Breton Island, 282, 289  
 Wiebe, V., 180, 188, 202, 206, 211, 220, 230  
 Wiegand, W. B., 84  
 Wiene, G. Y., 86  
 Wigen, S. O., 279, 285, 292  
 Wightman, A. F., 179, 185-6, 193, 201, 209, 212, 221, 226, 228, 235, 250, 254-6, 260, 265-6  
 Wilken, F. A., 24  
 Wilkins, C. F., 222, 228, 234-5  
 Williams, G. S., 86  
 Williams, H., 182, 227  
 Williams, H. P., 132, 134, 136, 150, 152, 155, 165, 241, 294  
 Williams, W. O., 262-3, 267, 273, 275, 279  
 Willis, A., 258, 295  
 Willis, W. K., 94, 100, 108, 111, 113, 116-18, 127, 130, 136, 150, 152, 155, 164, 173, 180, 188, 202,  
     206, 211, 220, 224, 230, 238-9, 251, 257, 262, 267, 273, 278-9, 285, 292, 296  
 Wilson Island, Lake Superior, 66  
 Wilson, N., 94, 99, 108, 110, 117-18, 122, 126, 129, 133, 135, 149, 151, 153, 162, 171, 179, 188-9,  
     193, 201-2, 207, 210, 212, 221, 224, 229-30  
 Windeler, H. S., 79  
 Windsor, NS, 181  
 Windsor, ONT, 27, 70  
 Winnipeg River, M A N, 152, [Winnipegow, 188], [Winipigow, 201]  
 wireless, 91, 107, 159, 207, 239. See also Decca; DF (RAF) station; loran; radar; radio acoustic ranging  
     (RAR); radio direction finding (RDF); shoran  
 wireless station, 81, 189  
 Wireless Telegraph (Radiotelegraph) Branch, Department of Marine and Fisheries, 72, 128  
 Wiseman Head, N.L., 265

- Witless Bay, N L , 265  
*Wm. J. Stewart*, 171, 175, 189, 194, 196-8, 202, 206, 211-12, 220, 224-5, 229-31, 233-4, 238-9, 243, 246, 251-2, 256-7, 262, 267-8, 270, 273-5, 278-9, 285, 288, 292, 297
- Wolf Bay, PQ, 228
- Wolf Island, PQ, 176
- Wolverine*, 179
- Wood Island, Nottaway River, PQ, 85
- Wood Island, PEI, 237, 250, 277, 283
- worker, 119, 286. See also crew; employment (employees); labour; personnel
- wreck (wreckage), 12, 24, 27, 39, 69, 143, 150, 224, 278. See also casualties; catastrophes; disaster; founder; grounding; shipwreck
- Wreck Commissioner, 181
- Wright, J. P., 283
- Wrigley Harbour, Great Slave Lake, NWT, 188
- Wyatt, A . G . N , 169
- yacht, 24, 51, 89, 232. See also barge; canoe; craft; cutter; dinghy; dory; dredge; gig; houseboat; launch; motorboat; sail boat; tug; whaleboat
- yachtsmen's chart, 227, 232, 276, 281. See also baryta; egg route; harbour; isogonic; navigation; small boat; tourist
- Yarmouth, NS, 128, 219, 223, 289
- Yarrow Shipyard, Vancouver, 273
- Yellowknife Bay, Great Slave Lake, 272-3, 278
- Yellowknife, NWT, 272-3, 278, 284-5, 291-2, 294
- Yinkin*, 81, 86
- Yorke Island, BC, 273
- Young, A., 105, 120
- Young, R. B., 164, 173, 177, 180, 188, 194, 202, 206, 211, 220, 224, 238, 251-2, 257, 262, 268, 273, 279, 285, 292
- Young, W. R., 36, 51, 163, 172-3
- Yukon River, Yukon Territory, 4
- Yukon Territory, 4, 141
- Zambra reversing deep-sea thermometer, 167
- Zealand, W. 0,38,41,51,62