

Car barns	*474
Harbor Commissioners' suggestions re electric railways	*33
Proposed purchase of Toronto Ry.	40, 85, 137
Toronto and Mimico Ry.	234
Toronto and York Radial Ry.—	
Development	336, 386, 431
Finance, meetings, etc.	40, 87, 185, 234, 337, 384, 433, 476, 516, 551
Rolling stock notes	*285
Toronto, Barrie and Orillia Ry.	22, 88, 136, 232
Toronto Eastern Ry.	39, 88, 184, 284, 336
Toronto Ry.—	
Development	39, 88, 232, 432, 479, 517
Finance, meetings, etc.	40, 87, 137, 185, 234, 337, 384, 433, 476, 515, 551
Hours of labor	85
Overcrowding case	551
Report, annual	133

Report, re traffic, Ontario Railway and Municipal Board	336, 512, 549
Running boards, abolition of	338
Running rights for civic cars	37
Snow removal	182
Toronto Suburban Ry.—	
Development	39, 88, 284, 336, 386, 432, 517
Finance, meetings, etc.	384
Rolling stock	40, 89, 187, 339
Track laid in 1913	41, 86
Train rules, standard code of, on electric interurban railways	*513
Tramways, Ltd. (Alberta)	432
Transcona, Man., Project	184, 232, 284, 336, 386, 432, 477
V	
Valleyfield Water Power Co.	136
Victoria General Motor Bus Co.	477

W	
Western Central Ry.	284
Windsor and Tecumseh Electric Ry.	89
Windsor, Essex and Lake Shore Rapid Ry.—	
Development	39, 284, 336
Rolling stock	40, 281
Winnipeg Electric Ry.—	
Development	39, 88, 136, 185, 232, 284, 336, 386, 432, 477, 551
Finance, meetings, etc.	40, 87, 137, 185, 234, 278, 337, 387, 433, 476, 516, 551
Public Utilities Commission Report	34
Report	138
Rolling stock	235, 432
Suburban fares	182
Traffic supervision	336
Winnipeg River Power Co.	138, 185
Woodstock, Thames Valley and Ingersoll Electric Ry.	230, 278, 285, 336, 338

MARINE DEPARTMENT.

A	
Atlantic and Pacific Ocean Marine	45, 94, 144, 192, 240, 289, 342, 392, 437, 482, 521, 562

B	
Baffin Bay Trading Co.	79
Black Diamond Steamship Line	502
Blacksea Bay-Atlantic Route	107
British Columbia and Pacific Coast Marine	
48, 96, 145, 193, 242, 291, 345, 394, 440, 484, 523, 563	
British Columbia-Japan-Siberia service ...	561

C	
Canada Shipping Act	142, 243
Canada Steamship Lines—	
Appointments and organization ...	44, 91, 130, 177, 227, 275, 325, 376, 473, 542
Finances	142, 389
Ferry for Montreal-Longueuil	239
s.s. W. Grant Morden	*241
Canadian Lake Protective Association	139
Canadian Northern vessels insurance	242
Canadian Pacific Ry.—Empress of Ireland wreck	342, 389, 391, 520, 524
s.s. Missanabie, launching of	*388
s.s. Princess Margaret	391
Canal statistics for 1913	188
Chartered vessels, effect of loss on the charter	390
Concrete cribs for pier construction at Victoria, B.C.	287
Cunard Steamship Co.'s report	341

D	
Dominion Government Customs cruiser Margaret	*147
Dominion Government radiotelegraph stations	244
Dominion Government s.s. Grenville	559
Dominion Government vessels for Hudson Bay	479
Dominion Marine Association	141
Dredge for Little Current work	221
Dredge for Toronto harbor development ...	395
Dry dock for Sault Ste. Marie	243
Dry dock subsidies	286
Dry dock projects at Vancouver	481, 555
Duty on repairs to U.S. vessels in foreign ports	480

F	
Farrar Transportation Co.'s report	141
Fort William shipping reports	391, 437, 480, 520, 561
Furness, Withy and Co.'s report	440

G	
Gaspé and Baie des Chaleurs Steamship Co.	391
Georgian Bay-Montreal Ship Canal project.	236
Georgian Bay Navigation Co.	390
Greater safety at sea	92
Great Lakes and St. Lawrence River Rate Committee	20, 71
Great Lakes navigation, projected merger ..	341
Great Lakes Transportation Co.	239, 325

H	
Hudson Bay—Lighters, steam	*91
Government chartered steamships	288
Magnetic chart for	44

I	
Icebreaking steamship for St. Lawrence River	238
International Water Lines Passenger Association	20, 71
Investigation of wrecks on Great Lakes ..	96, 143, 147

K	
Keystone Transportation Co.'s s.s. Keynor.	341

L	
Lake freight rates	289
Lake grain shipments in 1913	194
Lights and fog alarms on Great Lakes and St. Lawrence River	521
Lloyd's Register of Shipping	96
Lock gate lifter for Trent Valley Canal ...	*479

M	
Manchester Liners, Ltd.	177
Manchester Commerce repaired in Newfoundland	*236
Manitoba, Saskatchewan and Alberta Notes	
145, 193, 242, 291, 344, 394, 440, 483, 523, 563	
Marine casualties in 1913	92
Mariners, notices to ...	48, 94, 146, 194, 239, 291, 345, 395, 441
Maritime Provinces and Newfoundland Notes ...	46, 95, 144, 192, 240, 289, 343, 392, 438, 482, 522, 562
Measurement fees on vessels	237

N	
National Council of Marine Engineers of Canada	143
National Transcontinental Ry., car ferry for St. Lawrence River	*143, *434, 503
Navigation on Great Lakes, aids to	142
Navigation aids in Hudson Bay	484
North Atlantic Conference	521
Northern Navigation Co.	79, 325, 391
North Fraser, B.C., harbor development ...	288
North Ry., vessels for Hudson Bay	47
North Sydney Harbor Commission	238

O	
Ocean freight rate question	42
Officers, coast, lake and river for 1914 ...	195, 237, 390
Ontario and the Great Lakes Notes ...	46, 95, 144, 192, 240, 290, 344, 392, 438, 482, 523, 563
Ontario Car Ferry's Co.'s new steel car ferry	*191

P	
Personal	564
Pilotage on the St. Lawrence	141
Prince Edward Island car ferry	478, *518

Q	
Quebec Corporation of Pilots	287
Quebec harbor equipment	93

Quebec Province notes	46, 95, 144, 192, 240, 289, 343, 392, 438, 482, 522, 562
----------------------------	--

R	
Richelieu and Ontario Navigation Co.'s transfer of property	286

S	
St. Lawrence and Chicago Steam Navigation Co.'s report	92
St. Lawrence-Richelieu Navigation Co.	440
St. Lawrence River Icebreaking steamship.	*284
St. Lawrence River route	190
Saskatchewan River, stern wheel steamboats for	341
Sault Ste. Marie Canals and Suez Canal Compared	288, 341
Sault Ste. Marie Canals traffic	45, 94, 290, 343, 393, 437, 483, 521, 561
Shipping Federation of Canada	194
Signals for opening canal bridges	390
Society of Naval Architects and Naval Engineers	92
Statistics of Canadian shipping	238

T	
Troops, transportation of Canadian to Europe	524

U	
United States Government merchant marine	481

V	
Vancouver harbor dues	435
Vessels, Construction standards for Great Lakes	340
Vessels, proper manning of	436
Vessels registered	47, 93, 287, 342, 390, 481, 520, 560
Vessels requisitioned for war purposes	560
Vessels statistics for 1913	288

W	
Wages of marine engineers	239
Welland Canal lock gate accidents.	345, 435, 437
Welland Ship Canal—	
Construction tenders	286, 340
Progress of	556
Contracts	242
White Star-Dominion Line	275
Wireless aid to navigation	436
Wireless telegraphy on Canadian vessels ..	92
Wreck Commissioner's Judgments—	
Acadian stranding	243
Anglo-Brazilian stranding	480
Canada-Cape Breton collision	561
City of Sydney stranding	286
Cacouna, loss of	561
Cobequid stranding	238
Floriston stranding	521, 560
Lingan-Montmagny collision	560
Monkshaven stranding	524
Prince Albert stranding	484
St. Pierre Miquelon-Renwick, appeal	286
Saskatoon stranding	436
Turret Chief stranding	44
Wabana-Annie Roberts collision	93

APPOINTMENTS AND BIOGRAPHICAL.

A	
Abrams, J.	31
Adams, F. G.	219, 227, 275
Aitken, J.	227
Akin, H. B.	542
Alexe, M.	130, 177
Archibald, G. de W.	328
Ardley, W. H.	424, 427, *470
Argue, G. M.	227
Armstrong, G.	542
Arthur, H. R.	30
Atherton, W. C.	131
B	
Baldwin, R. A.	376

B	
Ballantyne, W.	30
Bannon, J.	426
Barker, E. P.	79
Barnett, J. W.	227, 271
Barrett, J. M.	325
Barrett, T. M.	30, 79
Barry, W. F.	130
Bath, C. W.	177
Battley, E. R.	377, 427
Baynham, C. H.	325
Baxter, E.	369
Beck, H.	130
Becker, O. H.	427
Beckwith, J. C.	227, 271
Bell, D.	79, 275
Berger, N.	227
Bergman, F. W.	227

B	
Bertram, T. S.	542
Biggar, W. H.	499, 502, *540
Billingham, J.	423, 427
Binns, A. H.	502
Bithell, J. C.	473
Black, R. S.	227
Black, W. A.	30, 31
Blair, F. W.	473
Blaisdell, A. J.	377
Bomhower, M. D.	426
Bonter, C. C.	91
Boomer, I. L.	377
Boon, W. R.	376
Booth, C. H.	76
Bourke, D. J.	325
Bowell, F. A.	325

B	
Bower, E.	328
Bradley, C.	227
Bradshaw, G.	377
Breen, F. M.	325
Brennan, J. T.	325
Brennan, T.	227
Brimacombe, G.	227
Brooks, A. R.	177, 227
Brostedt, A.	227
Brown, A. D.	79
Brown, R.	30
Brown, T. J.	426
Brownell, H. B.	177
Budd, R.	275
Bullen, R.	177
Burgess, G. F.	473
Burke, E. J.	275

B	
Burke, J. J.	227
Burke, W. E.	91, *128
Bury, George	*538
C	
Cain, E. E.	227, 377
Cameron, J. M.	426
Campbell, A.	79
Campbell, Jas.	227
Campbell, M. A.	377
Canvin, J. W.	91
Carter, J. S.	502, 542
Casey, W. C.	30, 76
Cassidy, H. B.	376
Chaffee, H. Foster ..	91, *369, 473