

Atlantic Coast / 132  
St Lawrence / 132  
British Columbia / 133  
Headquarters Staff, Ottawa 1923 / 134

1924- 25/ 135  
Atlantic Coast Survey / 135  
St Lawrence / 135  
British Columbia / 136  
Headquarters at Ottawa, 1924 / 136

CHARTING CANADA'S SEA-COAST, 1905-1924 / 137  
TIDAL AND CURRENT SURVEY AND ITS DEPARTMENTAL AMALGAMATION  
WITH THE CANADIAN HYDROGRAPHIC SURVEY, 1924-25 / 138  
Early Petitions and requests for Tide Tables and Tide Gauges, 1884-86 / 138  
Preliminary Tidal Investigations by the Meteorological Service in Eastern  
Canada, 1887-90/ 139  
The Meteorological Service and the Tidal Survey, 1890-93 / 140

CANADA'S FIRST SUPERINTENDENT, TIDAL AND CURRENT SURVEY -  
DR W. BELL DAWSON / 141  
The Tidal and Current Survey under Dr Wm Bell Dawson, 1893 - 1924/ 142

1925- 26/ 146  
The Canadian Hydrographic Survey under Capt. F. Anderson, 1925-28 / 147  
Captain F. Anderson, M.E.I.C., 1868-1957 / 147  
Atlantic Coast Survey / 148  
St Lawrence / 148  
British Columbia Survey / 150  
Headquarters Staff, Ottawa, 1925 / 150

1926- 27/ 151  
Atlantic Coast Survey / 151  
St Lawrence / 151  
Inland waters Survey, 1926 / 152  
British Columbia Survey / 152  
Headquarters Staff, Ottawa, 1926 / 152

1927- 28/ 153  
Atlantic Coast / 153  
Gulf of St Lawrence (North Shore) / 154  
Lake St Clair, Great Lakes / 154

British Columbia / 155  
Headquarters Staff, Ottawa, 1927-28 / 155  
Reclassification of the Canadian hydrographie Survey, 1927-28 / 156

RECAPITULATION, FISCAL YEARS 1915-1927/ 157

#### **CHAPTER IV: The Hydrographie Survey of Canada from 1928 to the Commencement of the Second World War / 159**

THE CANADIAN HYDROGRAPHIC SERVICE UNDER CAPT. F. ANDERSON,  
1928-1936/ 161

1928-29/ 161

Division of Hydrography / 161

Headquarters / 164

Overseas Exhibition of Canadian Charts / 164

Tidal and Current Division / 165

Precise Water Levels /165

Chart Construction / 165

Chart Distribution / 165

Hydrographie Expenditure, Fiscal Year 1928-29 / 166

The Royal Commission on Technical and Professional Service (Beatty Report) and the  
Canadian Hydrographie Service /166

1929-30/ 167

Division of Hydrography / 167

Headquarters / 173

Tidal and Current Survey /174

Precise Water Levels / 174

Chart Construction / 174

Chart Distribution / 174

The Department of Marine and the Hydrographie Service, 1930-36 / 175

1930-31 / 175

Division of Hydrography / 175

Headquarters / 180

Tidal and Current Survey / 181

Precise Water Levels / 181

Chart Construction / 182

Chart Distribution / 182

Hydrographie Expenditure, 1930/ 182

1931- 32/ 183

Aerial Photography / 183

International Exchange of Hydrographie Data / 183

Division of Hydrography / 183

Headquarters / 189

Tidal and Current Survey / 189

Precise Water Levels / 190

Chart Construction / 190

Chart Distribution / 190

1932- 33 / 191

Division of Hydrography / 191

Headquarters / 195

Tidal and Current Survey / 195

Precise Water Levels / 195

Chart Construction / 195

Chart Distribution / 196

1933- 34/ 196

First Magneto-striction echo-sounders in Hydrographie Ships  
and Launches, 1933-35 / 196

Division of Hydrography / 198

Headquarters / 203

Tidal and Current Survey / 203

Precise Water Levels / 203

Chart Construction / 203

Chart Distribution / 203

1934- 35 /204

Division of Hydrography / 204

Headquarters / 207

Tidal and Current Survey / 207

Precise Water Levels / 207

Chart Construction / 208

Chart Distribution / 208

1935- 36/208

Division of Hydrography / 208

Tidal and Current Survey / 212

Precise Water Levels / 213

Chart Construction / 213

Chart Distribution/213

1936-37/214

Departmental Reorganization and Transfers, 1936/214

THE CANADIAN HYDROGRAPHIC SERVICE UNDER  
MR F.H. PETERS, 1936-1948/216

Division of Hydrography / 218

Headquarters Division / 220

Tidal and Current Survey / 221

Precise Water Levels/ 221

Chart Construction / 222

Chart Distribution / 222

1937-38/222

Division of Hydrography / 222

Headquarters Division / 226

Tidal and Current Survey / 226

Precise Water Levels / 227

Chart Construction / 227

Chart Distribution / 227

1938-39/227

Division of Hydrography / 228

Tidal and Current Survey / 231

Precise Water Levels / 231

Chart Construction / 232

Chart Distribution / 233

1939-40/233

Division of Hydrography / 234

Headquarters Division / 240

Tidal and Current Survey / 240

Precise Water Levels / 241

Chart Construction / 241

Chart Distribution / 241

RECAPITULATION, FISCAL YEARS 1928-39 / 242

**CHAPTER V: The Second World war to the Appointment of R.J. Fraser as  
Dominion Hydrographer / 245**

1940-1947/245

1940-41 /248

The Reclassified Hydrographic 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