

***St. Roch* plans [technical drawings]**

PART OF

VMM Ship Plan collection

SERIES NUMBER

VMM50.11

SCOPE & CONTENT

Series consists of plans for the vessel *St. Roch*.

Collection Contents

***St. Roch* plans**

Series consists of plans for the vessel *St. Roch*.

1927 ship plans

Subseries consists of two files: one containing the original 1927 ship plans for the *St. Roch* that were drawn by Thomas Halliday, and another containing various copies of the 1927 ship plans. Each plan comprises of one or more technical drawings on one sheet. While Halliday and Burrard Drydock Co. Ltd. are the original creators of the 1927 plans, the copy creator and copy date of each copied plan is unknown.

Original 1927 ship plans (5 records)

File contains the original 1927 ship plans of *St. Roch* drawn by Thomas Halliday and created by Burrard Drydock, Co. Ltd. of North Vancouver. The vessel was contracted by the federal government and was launched on May 7, 1928.

Each plan comprises of one or more technical drawings on one sheet. The plans include: a lines plan, midship section, structural arrangement, rigging plan, and general arrangement.

- Auxy. schooner for the R.C.M.P. lines
- Midship section auxiliary schooner R.C.M.P. Arctic subdivision
- Structural arrangement auxiliary schooner R.C.M.P. Arctic subdivision
- Arctic schooner for the R.C.M.P. rigging plan
- General arrangement auxiliary schooner R.C.M.P. Arctic subdivision

Copies of 1927 ship plans (18 records)

File contains copies of the 1927 ship plans of the *St. Roch*. Each plan comprises of one or more technical drawings on one sheet. Among the copies are plans of the vessel's lines; structural arrangement; general arrangement; rigging; general arrangement; fastenings arrangement; midship section; and rudder and stern section. There are multiple copies of some plans. The copy date and copy creator for each plan is unknown.

- Aux. schooner for R.C.M.P. rudder and stern post
- Auxy schooner for the R.C.M.P. lines
- Midship section auxiliary schooner R.C.M.P. Arctic subdivision
- Arctic schooner for R.C.M.P. rigging plan
- Arctic schooner for R.C.M.P. rigging plan
- Auxy schooner for the R.C.M.P. lines
- Structural arrangement auxiliary schooner R.C.M.P. - Arctic subdivision
- Aux. Arctic schooner for R.C.M.P. lines
- Auxy schooner for the R.C.M.P. lines
- Structural arrangement auxiliary schooner R.C.M.P. Arctic subdivision
- St. Roch* general arrangement plan
- Arctic schooner for R.C.M.P. rigging plan

Arctic schooner for R.C.M.P. rigging plan
Arrangement of fastenings auxiliary schooner R.C.M.P. Arctic subdivision
General arrangement auxiliary schooner R.C.M.P. Arctic subdivision
Aux Arctic schooner for R.C.M.P. rudder and stern post
Aux Arctic schooner for R.C.M.P. rudder and stern post
Aux Arctic schooner for R.C.M.P. rudder and stern post

1940s ship plans (6 records)

File consists of ship plans from the 1940s for the *St. Roch*. In 1944 the vessel was reconfigured to include a larger deckhouse and a more powerful engine. These enhancements were made in Halifax, Nova Scotia before the *St. Roch* started the trip back to Vancouver on July 26, 1944. Each plan comprises of one or more technical drawings on one sheet. In addition to plans of the new deckhouse and general arrangement, a 1942 diagram of the radio transmitter connections is also included.

R.C.M.P. schooner *St. Roch* general arrangement as fitted
R.C.M.P. schooner *St. Roch* general arrangement as fitted
Proposed layout of new deck house of R.C.M.P. aux. schooner *St. Roch*
Diagram of connec[tions?] STT-4 transmitt[er?]
R.C.M.P. schooner *St. Roch* general arrangement as fitted
R.C.M.P. schooner *St. Roch* general arrangement as fitted

1958 ship plans (5 records)

File consists of 1958 ship plans of the *St. Roch* from when the vessel was being restored to its 1928 configuration by Vancouver Shipyards, which included the removal of the 1944 deckhouse. The same year the *St. Roch* was hauled out in Vancouver and in 1959, construction of the Vancouver Maritime Museum was completed beside the vessel.

Each plan comprises of one or more technical drawings on one sheet. Plans include those of the haul out arrangement, ground cradling, awning arrangement, and a section of the engine room.

St. Roch awning arrangement
St. Roch arrangements for haul out
M.V. *St. Roch* grounding cradle
Aux. Arctic schooner for R.C.M.P.
Arctic schooner for R.C.M.P. rigging plan

1969 ship plans (65 records)

The DIAND, overseeing Parks Canada at the time, was in charge of the *St. Roch* refurbishment after the construction of the A-frame (1966) and therefore had the most complete plans of the vessel. In 1958, the City of Vancouver removed the deckhouse and restored the *St. Roch* to her 1928 configuration. In 1971, Canada Parks Service started a restoration project to return the *St. Roch* to her 1944 appearance, including a complete reconstruction of the deckhouse, as well as the replacement of some timbers and deck. Likely these plans were used for the reconstruction.

File consists of plans that appear to all have been drawn by 4 separate naval architects in the span of a few months. Drawings are numbered 2 - 56, with some missing numbers. Each plan consists of one or more technical drawings on one sheet and include copies of the original 1927 ship plans of the *St. Roch*.

M.V. *St. Roch* lines plan (as found)
M.V. *St. Roch* lines plan (as found)
M.V. *St. Roch* framing in port quarter aft
M.V. *St. Roch* section through poop deck
M.V. *St. Roch* forecastle deck arrangement & key plan
M.V. *St. Roch* engine room engine plan
M.V. *St. Roch* engine room aft bulkhead construction
M.V. *St. Roch* rigging arrangement & key plan
M.V. *St. Roch* engine room aft bulkhead fittings
M.V. *St. Roch* engine room port section & bilge pump
M.V. *St. Roch* engine room fuel tank & filter

M.V. *St. Roch* engine room cooling system & ladder
 M.V. *St. Roch* engine room electrical panel
 M.V. *St. Roch* engine room panel switches etc.
 M.V. *St. Roch* engine room panel labels & oil tank
 M.V. *St. Roch* poop deckhouse
 M.V. *St. Roch* deckhouse (bulkheads)
 M.V. *St. Roch* deckhouse (ceiling, floor, & bulkheads)
 M.V. *St. Roch* wheelhouse (details)
 M.V. *St. Roch* skylight on poop deck (arrangement)
 M.V. *St. Roch* skylight (hardware) (poop deck)
 M.V. *St. Roch* wheelhouse (hardware)
 M.V. *St. Roch* wheelhouse (hardware)
 M.V. *St. Roch* poop deck (hardware)
 M.V. *St. Roch* ladders, & handrails (main dk. to poop dk.)
 M.V. *St. Roch* companionway to e. room
 M.V. *St. Roch* desk in captain's cabin
 M.V. *St. Roch* steering wheel (wheelhouse)
 M.V. *St. Roch* ladders, & handrails P. & S. (wheelhouse)
 M.V. *St. Roch* furniture (captain's cabin)
 M.V. *St. Roch* furniture, captain's cabin (hardware)
 M.V. *St. Roch* cowl (poop deck starboard)
 M.V. *St. Roch* chair (captain's cabin)
 M.V. *St. Roch* arm chair (captain's cabin)
 M.V. *St. Roch* folding lavatory (captain's cabin)
 M.V. *St. Roch* folding lavatory (details)
 M.V. *St. Roch* cowl (poop deck port side)
 M.V. *St. Roch* speaking tube (wheelhouse)
 M.V. *St. Roch* anchor light (poop deck)
 M.V. *St. Roch* arms rack in wheelhouse
 M.V. *St. Roch* engine telegraph (w/house)
 M.V. *St. Roch* binnacle (wheelhouse)
 M.V. *St. Roch* samson post & derrick crutch (poop deck)
 M.V. *St. Roch* davit, & pedestal (poop deck)
 M.V. *St. Roch* davits (hardware)
 M.V. *St. Roch* awning stanchion (poop & forecastle decks)
 M.V. *St. Roch* awning stanchion (hardware)
 M.V. *St. Roch* wood grating (cover rudder head) (poop deck)
 M.V. *St. Roch* rudder quadrant (poop deck)
 M.V. *St. Roch* rudder head bearing (poop deck)
 M.V. *St. Roch* wire reel (poop deck)
 M.V. *St. Roch* rubber mat in w/house (poop deck)
 M.V. *St. Roch* deck planking & bulwarks (poop deck)
 M.V. *St. Roch* ring bolts rudder shipping plate, & rudder trunk pl. (poop dk.)
 M.V. *St. Roch* rudder stops (poop deck) & mooring pipe etc.
 M.V. *St. Roch* forged stanchion for solid rail-flagstaff socket (p. dk.)
 M.V. *St. Roch* rail stanchion and guard wires (poop deck)
 M.V. *St. Roch* filler & sounding pipe caps (poop deck)
 M.V. *St. Roch* stanchion for boat platform, & w.t. scuttles (poop deck)
 M.V. *St. Roch* mid-ship section
 M.V. *St. Roch* midship section
 M.V. *St. Roch* stern section
 M.V. *St. Roch* poop deck (key plan)
 M.V. *St. Roch* main deck - arrangement, & key plan
 M.V. *St. Roch* Vancouver, B.C.: As found record & builder's plans (partial)

2012 ship plans (2 records)

File consists of 2012 ship plans of the *St. Roch*. The plans are part of the fire protection system improvements project. Gage-Babcock & Associates of Vancouver was contracted by the Vancouver Maritime Museum for the project. Each plan comprises of one or more technical drawings on one sheet.

St. Roch fire protection system improvements vesda smoke detection system layout

St. Roch fire protection system improvements double interlock preaction sprinkler system layout

Miscellany ship plans (4 records)

File consists of miscellaneous ship plans for the *St. Roch* from various creators, including the H.M.C. Dockyard in Halifax, Nova Scotia, the Canadian Marconi Company, and the Department of Indian & Northern Affairs (formerly the Department of Indian Affairs & Northern Development). Creators and dates of creation are unknown for select plans. Each plan comprises of one or more technical drawings on one sheet.

Ketch sail plan 1944

St. Roch restoration

Suggested exhaust line

Structural arrangement auxiliary schooner R.C.M.P. Arctic subdivision