

## **Finding Aid: The Vickers Collection**

This finding aid was produced for the use of Marine Museum staff and is placed here for general use by researchers. We would call this a '**rough guide**' but it is offered in the interests of encouraging use of this collection. The information contained in this finding aid will eventually be transferred to our data bases where searching will be easier. To conduct a search use the keyword find command that is a feature of browsers.

The fonds consists of 4429 drawings, including 400 originating with Davie Shipyards. There are 38 linear feet of business records consisting of manuals, specifications, photographs, and contract files. Business records are stored by numbered box; plans retain the company storage system of transfer boxes.

**At the end of the file you will find some material from the [GEORGE T. DAVIE GROUP OF SHIP PLANS](#) that has been incorporated into this collection.**

### **VICKERS COLLECTION**

The establishment of Canadian Vickers was dependent upon the coincidence of various circumstances. With the creation of the Royal Canadian Navy in 1910 went several tenders of vessels to British shipyards. Vickers, Sons, and Maxim bid successfully on several of these contracts and for the first time focused their attention on maritime Canada. At nearly the same time they gained their first introduction to the Canadian government contracting with the construction in England of a government icebreaker the Earl Grey. With the aforementioned naval contracts in hand, Vickers in 1910 carefully reconnoitered the old Maisonneville shipyard at Montreal as a possible plant site (a stipulation of the contracts was the vessels be built in Canada). There had been moreover a Government Drydock Subsidy established in the year previous, which provided a final impetus to Vickers and the firm cast its lot with Montreal.

### **FIRST BEGINNINGS AND WORLD WAR I**

The year 1912 marked the official beginning of Vickers in Canada as shops, drawing offices, and the company's distinctive enclosed building berths began creation onsite. The following year 1913, was spent in site construction. By 1914, after the arrival of their floating drydock from Britain, Vickers was ready for production. The first construction was for a government icebreaker, the John D. Hazen, which became an onsite schoolroom for the green Canadian workforce. There was little time for manufacturing however, as August 1914 ushered the outbreak of world wide conflict. Immediately the labour force was expanded to 1500. All the construction facilities were directed to wartime production and a munitions plant was opened on the

property (over 500,000 projectiles produced). The new company's building capacity was tremendous by Canadian standards and its output was unrivalled. Twenty-four submarines were rapidly turned out for the British, Italians, and Americans. The U-boat threat next set the priorities for production and the company's energies were focused upon the construction of two hundred fourteen subchasers, seventeen armed trawlers, and twenty-six drifters to combat the underwater enemy. Yet Vickers had the capacity to also build nine 7000 ton cargo vessels for the vital merchant marine. It was an impressive output.

Following the war Vickers was lucky. The post-war depression which hit so many industries was successfully deflected at Vickers with government contracts for the Canadian Government Merchant Marine.

#### **THE 1920s AND THE DEPRESSION ERA**

The 1920s marked several important departures for Vickers in an effort to exploit all their production facilities. First there was the opening in 1923 of an aircraft division; then the establishment of an industrial wing producing boilers, pulp digesters and mining equipment; and finally there was the purchase and integration of a structural steel mill. Meanwhile shipbuilding capacity was expanded with the outright purchase and amalgamation of the rival Montreal Drydocks Ltd. Ironically it was during these heady times that the parent company in England decided to divest itself of its Canadian assets in order to raise capital: Vickers was sold to Canadian interests in 1926. When the depression struck Canadian Vickers was not immune. Major shipbuilding came to a virtual halt; layoffs trimmed the workforce to a low of 200 men. The industrial and aircraft divisions did their best to maintain the firm's viability but the shipyard was reduced to small scale construction of tugs and dredges and ship repair work.

#### **WORLD WAR II**

With the renewed impact of war in 1939 all facilities geared up and retooled for the conflict. Men were rehired and the workforce expanded to 2000. With a pool of well trained shipbuilders and the expanded facilities of the 1920s., efficiency and capacity far outstripped that of the first world war. In concert with the other Great Lakes shipyards, the new corvettes were of the first priority and eight were built - all ahead of schedule. Exclusive to Vickers was the production of frigates: in all twenty-six were produced (fifteen in one year), along with ten vessels for the merchant marine. The aircraft division worked to capacity building Hampdens and amphibious PBV Corsos. All the while the industrial wing continued to turn out steam-engines, boilers, and steam generators at an unprecedented rate. It was an unrivalled contribution to the Canadian war effort and the high point of the company's fortunes.

## **PROSPEROUS YEARS**

After the war management and leasing difficulties led Vickers to dismantle its aircraft division. However the high rates of production established during the war in other divisions were translated into peacetime contracts. The post-war years saw a variety of vessels clear the ways including a dredger; motorcoasters; lake ships; a mine sweeper; and an icebreaking ferry. This high rate of production earned for Vickers the reputation as Canada's lead yard - the best for price, efficiency, and quality.

Meanwhile the industrial arm of the firm continued apace building mining equipment, industrial chemical equipment, and significantly, the lock gates for the newly approved Seaway development. From the end of the war to 1950, Vickers's marine output consisted of: twenty ocean-going cargo ships; one lighthouse tender; one lightship; six coasters; and one lake vessel.

## **THE 1950s**

During the 1950s a slight decline in marine production coincided with a pronounced upsurge in labour militance. A new and powerful union representing 350 shipyard men threatened production with an injurious and precedent setting ten week strike. But the company regrouped, determined to preserve its reputation as a reliable builder. Happily a new government contract for three destroyer escorts and one minesweeper buoyed the firm's fortunes. It was at this juncture that the old parent company was once again casting about for Canadian investments and regained control of its quondam subsidiary in Montreal. It was also at this point that the newly proposed Seaway began to affect shipbuilding and contracts for large 26,000 ton bulk carriers began to arrive - eight of these ships were produced up to 1959. These vessels along with the naval contracts, and tugs, dredges, and icebreakers formed the bulk of the decade's ship production.

The industrial wing, more prosperous, expanded into the nuclear energy field producing calandrias for Atomic Energy Canada; moreover ninety railroad cars were turned out as well as mining and mill equipment. With fewer labour disputes, industrial production came to the forefront as the company's most prosperous activity.

## **TROUBLESOME LAST YEARS**

The 1960s opened on an optimistic note. The workforce was up to 1000 men. The Canadian Government Shipbuilding Regulation, a subsidy, and another government scheme called the "Angel Plan" which greatly facilitated the purchase of new ships, translated into new orders for vessels. However trouble from within the form of union demands, threatened to undermine the proffered contracts. A crippling strike in 1962 followed by continued labour unrest, along with a disastrously low bid to construct the

icebreaker Louis St. Laurent led to a huge deficit by the latter part of the decade. Vickers decided to close down the shipbuilding division, maintaining the yards for repair work only. Shipyard personnel was downsized to 500 men. In spite of this decision output for the 1960s was not inconsiderable, counting: one icebreaker; and a ferry among others - totalling twenty-one ships. The company decided to channel energy and resources into the profitable industrial wing and a consortium was formed with Eldorado Nuclear to produce casks for spent fuel: mining equipment, subway cars, and mill machinery continued as the staple. With the onset of 1970, the shipbuilding division was completely shut down and the company's trademark shipbuilding berths were razed to the ground.

Earl Moorhead, Registrar. 08/02/1991

#### **VICKERS COLLECTION**

##### **RESTRICTIONS**

There are no restrictions on this collection. For reproducible items, the Marine Museum of the Great Lakes at Kingston retains all copyrights.

##### **DESCRIPTION OF COLLECTION**

The fonds consists of 4429 drawings, including 400 originating with Davie Shipyards. There are 38 linear feet of business records consisting of manuals, specifications, photographs, and contract files. Business records are stored by numbered box; plans retain the company storage system of transfer boxes.

#### **VERSATILE VICKERS COLLECTION 984.83**

#### **SHIP PLANS AND OTHER RELATED MATERIAL RECEIVED FROM SHIPYARD IN 142 TRANSFER CASES**

(Note: The transfer cases measure approx. 10" x 17" x 5", and they occupy 53' of shelf space.)

##### **\* BOX #1**

Hulls 81-82 Idefjord and Topdalfjord 10 plans,

Hull 84 Hopper Barge No. 3 2 plans

Hull 86 John Kennedy 2 plans

Hull 89 Steel Sand Scow 1 plan

Hull 91 Steel Caisson 1 plan

Hull 96 Barge 1 plan

Hull 98 Sand Scow 1 plan

Hull 100 Steel Tug 1 plan

Hull 101 Foundation Jupiter Tug 2 plans

Hull 108 Fleur-de-lis RCMP Cruiser 1 plan

Hull 110 Saurel Ice Breaker 4 plans

Hull 111 Hydraulic dredge 4 plans

Hull 112-116 Redhead, Redfern, Redwood, Canaler 3 plans

Redcloud, Redchief, Bulk Carrier

Hull 117 Foundation Masson Tug 4 plans

Hull 118 Midland Dredge 7 plans

S 250 (1917) ? 1 plan

\* BOX #2

Hull 118 Midland 71 plans

\* BOX #3

Hull 118 Midland 66 plans

\* BOX #4

Hull 118 Midland 67 plans

--for jobs #2526 and #1939--machinery drawings

\* BOX #5

Hull 118 Midland 82 plans

--also a list of plans received from Bucyrus Erie re: Midland

--other types of material referring to Midland's machinery

\* BOX #6

Hulls 8- 84 Binder containing various reports on these vessels-- weight curves, cost reports, workers progress charts, statements of hull steel weights, etc.

\* BOX #7

Hulls 77-80 Canadian Victor, Canadian 1 plan

Conquerer, Canadian Commander,

Canadian Leader Ocean Frghter

Hull 110 Saurel Ice Breaker 2 plans

Hulls 127-128 Kam and Abitibi Tug 1 plan

Hulls 129-131 Trillium, Mayflower, Corvettes 1 plan Eyebright

Hulls 143-148 Fort Ville Marie, Fort Nipigon 4 plans

Fort Louisbourg, Fort Abitibi,

Point Pelee Park, Fort Senneville, Ocean Frghter

Hulls 144-145 Fort Nipigon, Fort Louisbourg 4 plans

Hulls 146 & 148 Fort Abitibi, Fort Senneville 2 plans

Hull 225 Canadian Cruiser 2 plans

Hulls 232-235 La Coubre, Cotes du Nord, 1 plan

Alberte Le Bourne, La Baule

Trim and Stability Reports for Fort Good Hope, built at Burrard Drydock, B.C. in 1942--similar to Hulls 143-146 and 148.

\* BOX #8

Hulls 210-213 Atalaia, Cabedelo, Barbacena, Alegrete Launch Observations, 16 pages long

\* BOX #9

Hulls 219-224 Loi de Canada, Loi de Chile, Loi de Paraguai, Loi de Bolivia, Loi de Argentina, Loi de Uruguai reports: launching, Trim and Stability Particulars, various trials, capacities, experiments, etc.

\* BOX #10

Hull 225 Canadian Cruiser 2 plans Ocean Frghter Launch Condition and Observations

\* BOX #11

Hull 225 Canadian Cruiser 9 plans

Hulls 226-227 Telemon and Triton 8 plans

Hulls 228-231 Leecliffe Hall, Sterncliffe Hall, Northcliffe Hall, Southcliffe Hall Canaller 6 plans

Hulls 232-235 La Courbe, Cotes du Nord, Alberte Le Bourne, La Baule 6 plans

Hulls 236-237 Ciudad de Maracaibo, Ciudad & 241 de Manizales, Ciudad de Quito 6 plans Pass & Gen Cargo

\* BOX #12

Hulls 226-227 Telemon and Triton Various reports: launching, trials, capacities, experiments, Trim and Stability Particulars, etc.

\* BOX #13

Hulls 228-231 Leecliffe Hall, Sterncliffe & 248 Hall, Northcliffe Hall, Southcliffe Hall & Shiercliffe Hall Various reports: launching, trials, capacities, experiments, etc.

Jobs 2333 & 2551 Conversion jobs on Northcliffe Hall and Shercliffe Hall Reports re: conversion

\* BOX #14

Hulls 232-235 La Coubre, Cotes du Nord, Alberte Le Bourne, La Baule General Arr. plans, calculations, launch reports, trial reports

\* BOX #15

Hulls 236-237 Ciudad de Maracaibo, Ciudad de Manizales 5 plans various reports: launch, trials, capacities, etc.

\* BOX #16

Hull 238 Edward Cornwallis 6 plans Lighthouse tender

Hull 239 Lightship No. 2 6 plans

Hull 240 Sandpiper 5 plans

Hulls 242-247 Zulia, Carabobo, Miranda, Trujillo, Lara, Bolivar 7 plans, Trim and , Stability Particulars Report

Hull 248 Shiercliffe Hall 12 plans

Hull 247 Bolivar 7 plans

\* BOX #17

Hull 238 Edward Cornwallis 4 plans, Trim and Stability Particulars, Various reports: launching, trials, capacities, experiments, etc.

\* BOX #18

Hull 239 Lightship No. 2 Trim and Stability Particulars, Various reports: launching, trials, capacities, experiments, etc.

\* BOX #19

Hull 240 Sandpiper General Arr. and Capacity plans, Trim and Capacity Particulars, Various reports: launching, trials, capacities, experiments, etc.

\* BOX #20

Hull 240 Sandpiper 28 plans

\* BOX #21

Hull 240 Sandpiper 31 plans

\* BOX #22

Hull 240 Sandpiper 19 plans

\* BOX #23

Hull 240 Sandpiper 12 plans

Hulls 242-247 Zulia, Carabobo, Miranda, Trujillo, Lara, Bolivar 2 plans

Hull 251 New Grand Haven 12 plans

\* BOX #24

Hulls 242-247 Zulia, Carabobo, Miranda, Trujillo, Lara, Bolivar Trim and Stability Particulars, Various reports: launching, trials, capacities, experiments, etc.

\* BOX #25

Hull 249 P.W.D. No. 400 Lines and Capacity plans, Trim and Stability Particulars, Various Reports: launching, trials, capacities, experiments, etc.

\* BOX #26

Hull 251 New Grand Haven Estimates/Calculations: Car Ferry power, capacities, dimensions, etc.

\* BOX #27

Hull 251 New Grand Haven Trim and Stability Particulars, Various reports: launching, trials, capacities, experiments, etc.

\* BOX #28

Hull 251 New Grand Haven 17 plans A file with Stability Particulars, a booklet: Hull Specifications, a booklet: Machinery Specifications

Hulls 252-253 Thunder and Ottawa Destroyer 6 plans

Hull 254 William Carson Ice Breaker 16 plans

Hull 255 Frankcliffe Hall Canaler 5 plans

Hulls 256-259 Ciudad de Valencia, Ciudad 6 plans

de Cali, Ciudad de Ibague, Trim and Stability

Ciudad de Cumana, for Hull 256

Pass & Gen. Cargo

\* BOX #29

Hull 254 William Carson Estimates/Calculations: power, capacities, dimensions, etc.

\* BOX #30

Hull 254 William Carson Various calculations and reports for sea trials

\* BOX #31

Hull 254 William Carson Various calculations and reports for sea trials, stability curves

\* BOX #32

Hull 254 William Carson Trim and Stability Particulars, Various reports: launching, trials, capacities, experiments, etc.

\* BOX #33

Hull 254 William Carson Instruction Book for Propulsion and Ship's Service equipment for Hull 254, Canadian Westinghouse

\* BOX #34

Hull 254 William Carson 36 plans

\* BOX #35

Hull 254 William Carson 35 plans,

Cable list-78 pages

\* BOX #36

Hull 254 William Carson 12 Instruction Books re: ships maintenance and equipment

\* BOX #37

Hull 254 William Carson 14 Instruction Books re: ships maintenance and equipment

\* BOX #38

Hull 254 William Carson 27 plans

\* BOX #39

Hull 255 Frankcliffe Hall Trim and Stability

Hulls 261-262 Hutchcliffe Hall, Eastcliffe Hall Particulars, Various reports: launching, trials, capacities, experiments, etc.

\* BOX #40

Hulls 256-259 Ciudad de Valencia, Ciudad de Cali, Ciudad de Ibague, Ciudad de Cumana Lines plan, capacity plan, shell expansion, hydrostatic curves. Trim and Stability Particulars. Various reports: launching, trials, capacities, experiments, etc.

\* BOX #41

Hulls 261-262 Hutchcliffe Hall, Eastcliffe Hall 34 plans Canaler 3 copies of Hull and Machinery Specifications

\* BOX #42

Hulls 261-252 Hutchcliffe Hall, Eastcliffe Hall 51 plans

\* BOX #43

Hulls 261-262 Hutchcliffe Hall, Eastcliffe Hall, 39 plans

\* BOX #44

Hulls 261-262 Hutchcliffe Hall, Eastcliffe Hall 47 plans

\* BOX #45

Hulls 261-262 Hutchcliffe Hall, Eastcliffe Hall 39 plans Booklet: Hull and Machinery Specifications

\* BOX #46

Hull 263 Walter E. Foster 31 plans Body Tender Booklet: Construction Specification

\* BOX #47

Hull 263 Walter E. Foster 33 plans

\* BOX #48

Hull 263 Walter E. Foster 60 plans Instruction books for: Brown's Hydraulic Steering Telemotor and Brown's Steam Tiller Steering Gear

\* BOX #49

Hull 263 Walter E. Foster 51 plans

\* BOX #50

Hull 263 Walter E. Foster 66 plans

\* BOX #51

Hull 263 Walter E. Foster 26 plans

\* BOX #52

Hull 263 Walter E. Foster 35 plans

\* BOX #53

Hull 263 Walter E. Foster 48 plans

\* BOX #54

Hull 263 Walter E. Foster 33 plans 4 files on Trim and Stability Particulars and 1 booklet: Construction Specification

\* BOX #55

Hull 263 Walter E. Foster 4 plans Trim and Stability Particulars, Various reports: launching, trials, capacities, experiments, etc.

\* BOX #56

Hull 264 Baffin 23 plans C G ship 2 booklets: Specifications Part I, Hull and Part II Electrical and Machinery

\* BOX #57

Hull 264 Baffin 23 plans Specification, Part I, Hull

\* BOX #58

Hull 264 Baffin 46 plans Contract for Hull 264 and preliminary specifications

\* BOX #59

Hull 264 Baffin 57 plans

\* BOX #60

Hull 264 Baffin 62 plans 2 booklets: Specifications Part I, Hull and Part II Electrical and Machinery

\* BOX #61

Hull 264 Baffin 70 plans

\* BOX #62

Hull 264 Baffin 115 plans

\* BOX #63

Hull 264 Baffin 106 plans

\* BOX #64

Hull 264 Baffin 83 plans

\* BOX #65

Hull 264 Baffin 63 plans

\* BOX #66

Hull 264 Baffin 58 plans

\* BOX #67

Hull 264 Baffin 55 plans

\* BOX #68

Hull 264 Baffin 75 plans

\* BOX #69

Hull 264 Baffin 86 plans

\* BOX #70

Hull 264 Baffin 61 plans

\* BOX #71

Hull 264 Baffin 44 plans Specifications: Part I, Hull

\* BOX #72

Hull 264 Baffin 25 plans 4 copies of Trim and Stability Particulars

\* BOX #73

Hull 264 Baffin 19 plans Approx. 50 typed cards--a check list for electrical system. 2 Instruction Books for Switchboards.

\* BOX #74

Hull 264 Baffin 44 plans

\* BOX #75

Hull 264 Baffin 21 Instruction books and manuals and a spare gear list

\* BOX #76

Hull 264 Baffin 22 Instruction books and manuals

\* BOX #77

Hull 264 Baffin 13 Instruciton books and manuals

\* BOX #78

Hull 264 Baffin Estimates and Calculations: power, capacities, dimensions, etc.

\* BOX #79

Hull 264 Baffin Trim and Stability Particulars, Various reports: launching, trials, capacities, experiments, etc.

\* BOX #80

Hull 265 Clifford J. Rogers 38 plans 6 copies of hull specifications

\* BOX #81

Hull 265 Clifford J. Rogers 37 plans 2 copies of hull specifications.

\* BOX #82

Hull 265 Clifford J. Rogers 62 plans 3 copies of hull specifications

\* BOX #83

Hull 265 Clifford J. Rogers 64 plans

\* BOX #84

Hull 265 Clifford J. Rogers 47 plans 2 copies of hull specifications and 1 copy of machinery specifications

\* BOX #85

Hull 265 Clifford J. Rogers 55 plans

\* BOX #86

Hull 265 Clifford J. Rogers 52 plans 8 copies of Trim and Stability Particulars and a report on Effects of Drafts Due to filling tanks

\* BOX #87

Hull 265 Clifford J. Rogers Trim and Stability Particulars, Various reports: launching, trials, capacities, experiments, etc.

\* BOX #88

Hull 265 Clifford J. Rogers 1 binding case full of Purchase Orders

\* BOX #89

Hull 266 Miki 83 plans Preliminary Specification

\* BOX #90

Hulls 266 & 270 Miki and Hamilton 56 Estimations of weight and tonnage, launch particulars, and other reports

\* BOX #91

Hull 267 Canvik No. 1 51 plans

\* BOX #92

Hull 267 Canvik No. 1 55 plans Other publications referring to the Voith (German) Water Tractor, and specifications

\* BOX #93

Hull 267 Canvik No. 1 General Arrangement Plan, Trial Reports, Various experiments and calculations: stability, capacity, etc.

\* BOX #94

Hull 267 Canvik No. 1 51 plans

Hull 268 Cape No. 2 14 plans

\* BOX #95

Hull 269 Alexander T. Wood 29 plans Bulk Carrier Cable List, 29 pages long

\* BOX #96

Hull 269 Alexander T. Wood 21 plans

\* BOX #97

Hull 269 Alexander T. Wood 95 plans (all electrical manufacturer's drawings)

\* BOX #98

Hull 269 Alexander T. Wood 15 plans

\* BOX #99

Hull 269 Alexander T. Wood 30 plans

\* BOX #100

Hull 278 Montrealais Bulk Carrier Rudder and Sternframe plan

Hull 281 Narwal C G ship Laketype Rudder and Sternframe plan

Hull 285 Don de Dieu Laketype Arrangement of shafting plan, Details of shafting plan, Arr. and details of stern tube plan

Hull 286 Louis S. St. Laurent Arr. and details of stern Icebreaker tube plan, C.G.E. Manual for ship's switchboard

\* BOX #101

Hull 282 John Cabot C G ship 15 Instruction books and manuals for ship's equipment

\* BOX #102

Job 2023 Duke of Connaught, Floating 15 plans Dry Dock Specifications of Repairs  
File of correspondence re: repairs

\* BOX #103

Job 2023 Duke of Connaught 30 plans

\* BOX #104

Job 2023 Duke of Connaught 17 plans

\* BOX #105

Job 2023 Duke of Connaught 27 plans

\* BOX #106

Job 2023 Duke of Connaught 13 plans

\* BOX #107

Job 2023 Duke of Connaught 41 plans 54 Microfilmed copies of plans of the Duke of Connaught

\* BOX #108

Job 2023 Duke of Connaught 28 plans (from microfilm)

\* BOX #109

Job 2023 Duke of Connaught 15 films (from microfilm)

\* BOX #110

Canadian Vickers Shipyard-- 30 plans Yard Plans

\* BOX #111

Yard Plans 38 plans

\* BOX #112

Yard Plans 34 plans

\* BOX #113

Yard Plans 98 plans

\* BOX #114

Job 2059 Sir Hugh Allan (tug) 9 plans Job 2080 " 11 plans Job 2698 " 9 plans

\* BOX #115

Job 2333 Northcliffe Hall Canaller 40 plans (conversion)

\* BOX #116

Job 2771 Frankcliffe Hall " 9 plans (conversion)

Job 2773 Sternecliffe Hall " 29 plans "

\* BOX #117

Job 2791 Eastcliffe Hall Canaller 23 plans (conversion)

\* BOX #118

Estimate 2963 Specifications for a mobile 17 plans offshore drilling unit for Southeastern Commonwealth Drilling Co., Calgary

\* BOX #119

Estimate 3025 Tank barge built by Lockheed 4 plans Shipbuilding Co., Seattle  
Estimate 3026 M.V. Prince Nova, built by 5 plans Ferguson Industries, Pictou, N.S.

\* BOX #120

Estimate 3040 Proposed fire boat for D.N.D. 16 plans 1 file of estimation dwgs.

\* BOX #121

Jobs 3257 & 4065 C.C.G.S. N.B. McLean icebreaker 28 plans requisition sheets, specification of alterations

\* BOX #122

Job 3419 Buoy vessel for Bay of Fundy Various calculation and estimation reports re: power, stability, weight, etc.

\* BOX #123

Job 5253 Canadian Vickers Barge 20 plans Correspondence

\* BOX #124

Job 5516 Island Transport ex. Rockcliffe 41 plans Hall, conversion to tanker 1 file re: conversion Canaller Tanker

\* BOX #125

Job 5516 Island Transport 31 plans Files with correspondence and calculations

\* BOX #126

Job 5516 Island Transport Manufacturers drawings and instruction manuals

\* BOX #127

Job 5516 Island Transport 9 files of correspondence

\* BOX #128

Job 5516 Island Transport 23 plans: Engineering Office copies and misc. prints sent and received

\* BOX #129

Job 5557 Grain Barge Redfern Canaller 34 plans misc. small sketches

\* BOX #130

Job 6282 Texaco Chief Canaller Tanker Trim Table report for Texaco Canada Inc. 1979 Capacity Plan and Hydrostatic Curves

\* BOX #131

Job 6331 Ottercliffe Hall Bulk Carrier Seats for diesel generator sets, 1980

Job 6354 A.C. Crosby Coaster Container Guides, 1980

Job 6415 Artic Viking Inclining Experiment and Trim and Stability report

\* BOX #132

Job 7487 Caissons, Cofferdams 31 plans

\* BOX #133

Job 8397 Icebreaker N.B. McLean 17 plans Correspondence File Misc. calculations and design drawings

\* BOX #134

Texaco Chief 15 plans

\* BOX #135

Misc. ships and All drawings relate to 28 plans Shipbuilders doors or hatches in ships

\* BOX #136

Printed brochures for Canadian Vickers Multi-Purpose Universal Fishing Craft

\* BOX #137

Icebreaker Labrador 24 plans (a Marine Industries Hull)

\* BOX #138

Box marked "Marine Equipment News"-contains brochures, pamphlets and other advertising for marine supply companies

\* BOX #139

Box marked "Marine Designs-Old Files"-contains 13 files, correspondence and reports

\* BOX #140

Sundry calculations including launchways data, referring to various vessels

\* BOX #141

Hulls 101-106 Fishing Trawlers Atlantic... Purchase Orders (George T. Davie ships)

\* BOX #142

Hull 106 Fishing Trawler Atlantic... Purchase Orders (George T. Davie ship)

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## VERSATILE VICKERS COLLECTION

### MANUALS

Box #1 1984.0083.0143 Copies

Airchime Whistles Instruction Manual 5

Alfred Conhagen, Inc. Catalogue--marine products 1

Allen-Bradley Part and instruction manual for motor control 9

Hulls #279, 281

American Standard Instruction manual 1

Heat exchangers

Armstrong Products Instruction manual 2

Atlas Polar Co. Instruction manual 1

for hydraulic crane

Atwood and Morrill Co. Instruction plans 1

for valves

Babcock-Wilcox and Instruction manual 1

Goldie-McCulloch, Ltd. for boilers

Hull #272

Bailey Meter Co., Ltd. Instruction maintenance manual 1

index

Tank level purgerators 2

Oil-fired hot water boiler 1

Indicator Recorders 1

Purge meter 2

Fluid meter and boiler meter 1

Beldam Asbestos Co., Ltd. Joining recommendation 1

for fluids

Benson Electric Co. Instruction manuals 2

Hull #278, 285

Whistles

Bowser-Briggs, Inc. Instruction manual 1

totamitor

Brown Boveri and Co., Ltd. Instruction manual 1

exhaust gas turbochargers

Brown Bros. Co., Ltd. Instruction manual 1

steering gear

Buffalo Meter Co., Ltd. Service manual 1

Liquid meter

Caird and Raynor, Ltd. Drawings: condensers 1

salinometers

pumps

**VERSATILE VICKERS COLLECTION**

**MANUALS**

Box #2 Copies

Canadian Algonquin Instruction manual 3

Maritime, Ltd. hot water system

Hull #293

Canadian Controller, Ltd. Spare parts data 3

Hull # 294

Canadian General Electric Instruction and parts manual 8

for motors and engines

Turbines 2

Canadian Westinghouse Instruction manual 1

for electrical equipment

Hull #282

Clarage Fan Co. Service manual 1

Complex Chemicals Technical bulletin 1

Eastern, Ltd.

Cooper Split Co. Catalogue for bearings 1

Crossley Bros., Ltd. Catalogue 1

Diagram of parts (diesel engines) 1

Hull #274

**VERSATILE VICKERS COLLECTION**

**MANUAL**

Box #3 Copies

Clarke, Chapman and Co. Instruction manual 1

winches and windlasses

Hull #289

Cuno Engineering Corp. Instruction manual 1

filters

Hull #293

Heat recovery evaporators 1

Cutler-Hammer Can., Ltd. Instruction manual 1

electrical equipment

Darling Bros., Ltd. Instruction manual 4

heating unit

Hull #278, 280, 285 (x2)

Davis Engineering Instruction manual 4

heat transfer equipment

Hull #275, #276, #280, 285

DeLaval Co., Ltd. Instruction and parts manual 16

industrial separators

I & P mans. 2

turbulo separators

I & P mans. 5

Electric, oil pre-heater

Disa Elektronik Instruction manual 1

tachometer

**VERSATILE VICKERS COLLECTION**  
**MANUAL**

Box #4 Copies

Donkin and Co. Specifications: hydraulic 1

steering gear

Dravo Co. Instruction manual 2

heater

Drysdale and Co. Instruction manual 12

pumps

Hull #279, 289

Electric Tachometer Corp. Instruction manual 1

tachometer

Hull #285

Electrolytic Marine Instruction manual 1

Corrosion Services, Ltd. Hull #294

Elliott Co. Instruction manual 1

generators

Everpure, Inc. Instruction manual 1

water purification equipment

Fairbanks Morse Instruction manual 1

diesel engines

Catalogue diesel engines 1

Farr Co. Instruction manual 1

filter

Hull # 285

Ferguson and Timpson, Ltd. Instruction manual 2

sealing compound

Ford-Smith Machine Co., Specifications for bench 1

Ltd. grinders

Foxboro Co. Instruction manual

indicator 2

transmitter 1

Hull #282

Fulton Boiler Works Instruction manual 1

boiler

Galbraith-Pilot Marine Instruction manual 4

Corp. salinity indicating panel

Hull #278, 281, 282, 285

## **VERSATILE VICKERS COLLECTION**

### **MANUALS**

Box #4 (cont.) Copies

General Motors Instruction manual 3

diesel generators

camshaft drive gear train 1

Operator's manual G.M. engine 1

Catalogue: part number changes 1

Service manual 2

Harrison heat exchanger

Green, (A.P.) Fire Brick Co. refractory handbook 1

## **VERSATILE VICKERS COLLECTION**

### **MANUALS**

#### Box #5 Copies

Graviner (Colnbrook), Ltd. Instruction manual 2

rotary valve--oil mist

detector

Hamworthy Engineering, Ltd. Instruction Manual

Horizontal Centrifugal pumps 7

Centrifugal pumps 7

Dolphin pumps 4

Air compressors 6

Circulating pumps 1

Screw pumps 27

Hull #271, 285, 287, 293

Hastie and Co., Ltd. John Instruction manual

steering gear 2

-Specification for Hulls 290-292

-File on Refit and docking of H.M.C.S. Bonaventure

JOB 2256 S.S. Troisdoc Canaller

2270 S.S. Troisdoc

2594 M.V. Norfolk

2595 M.V. Norfolk

7969 S.S. Dawson (work orders)

-File on "Ice Control Structure"

-Envelope - Dead Tenders, June 1965-Nov. 1965

-Envelope - Dead Tenders, Jan. 1966-Mar. 1966

-Envelope - Dead Tenders, May 1966-July 1966

-Envelope - M.V. Tanais --Enquiry, but no quotation due to other commitments for dry dock

### BOX #12

#### Files

-53 files containing purchase orders for material bought by Canadian Vickers

-11 files containing miscellaneous correspondence

-2 files and some drawings re: 3000 KVA extension to Boiler Shop, 1962

### BOX #13

#### Files

-18 files on Hall Corporation and Beaconsfield conversions

-13 files on miscellaneous subjects - foreign interests and pending jobs

BOX #14

Misc. Material

- printed material and information about other shipyards
- 2 files concerning marine ship models
- information about mid-water trawling from the Department of Fisheries
- various reports concerning Canadian Vickers

BOX #15

Files re: Hull 252 Thunder

Hull 254 William Carson

Hulls 256-259 Ciudad de Valencia, Ciudad de Cali, Ciudad de Ibague,

Ciudad de Cumana

Hull 264 Baffin

BOX #16

Files re: Hulls 264-267 Baffin, Clifford J. Rogers, Miki, Canvik No. 1

BOX #17

Files re: Hull 269 Alexander T. Wood

BOX #18

Files re: Hull 280 Quebecois

Hull 282 John Cabot

Hull 284 Frank H. Brown Pass & Gen

Hull 286 Louis St. Laurent Ice Breaker

Hull 287 Maplecliffe Hall Bulk Carrier

BOX #19

Files re: Hull 288 name?

BOX #20

Specifications, instruction books, machinery test agendas, etc. for Hull 240 Sandpiper, 251 New Grand Haven, 274 Cygnus, 276 J.N. McWatters, 280 Quebecois, 285 Don de Dieu, 287 Maplecliffe Hall and 293 Ralph Misener

-some loose plans

-various tenders

BOX #21

All files referring to Canadian Vickers project 8235, Gaspé/North Shore Ferry, 1973

BOX #22

Note: Boxes 22-24 contain photographs of vessels or projects worked on by Canadian Vickers. The photographs are in files or envelopes, which is how they are listed.

-Cap. Catillo, Job 4903

-C.G.S. d'Iberville, Job 4547

-C.G.S. d'Iberville, Job 4737

-C.G.S. d'Iberville, 1954

-Dawson, 1969

-Denmark Hill, Job 3169, 1960

-S.S. Dingwald, 1954

-D.O.T. Barge No. 76

-D.O.T. Barge No. 77

-M.V. Dammtor, Job 2579, 1958

- M.V. Dealmouth
- M.V. Doriefs, Job 3958
- Caissons, Job 7486
- Escort Vessels, Progress photos
- M.V. Exiria, Job 4540
- Ernest LaPointe
- Economizers, Industrial Air Canada, Job 6089, 1958

BOX #22 (con't)

- M.V. Francisca Sartori
- S.S. Giuan, 1953
- M.V. Hermes, Job 4031
- M.V. Hispaniola, 1965
- Hydrofoil vessel, Job 4619
- Humberdoc, 1950
- M.V. Olympic Pearl
- S.S. Blairdevon, 1950
- M.V. Carsten Witt, Job 2132
- M.V. City of Sydney, Job 3578
- S.S. Chiswick, 1950
- M.V. Costa Rican Trader, Job 4450
- M.V. Coastal creek, Job 4126
- Avery C. Adams

-M.V. Hermes, 1965

BOX #23

-M.V. Lyngenford

-S.S. Prestonian

-S.S. Prince George

-M.V. Nyland, 1963

-M.V. North Lord, Job 3548

-1/10 Scale Lofting-Demonstration of Logatome Machine

-S.S. John A. McDougald

-M.V. Lionel, 1963

-M.V. Skaubo

-S.S. Sunrip, 1957

-S.T. Sylvania, Job 4530

-M.V. Sumara, Job 4442

-M.S. Sungran

-S.S. Sunjarv, Job 2744, 1958

-S.S. Sunwalker, Job 3300

-Praxiteles

-M.V. Halifax Star, Job 4767

-T.S. Iroquois

-Aluminum Awnings, Job 2722, 1955

-H.M.C.S. Algonquin, Job 3551

-H.M.C.S. Athabaskan, Job 3140 and 3141

-M.V. American Star, Job 4185

-M.V. Belle Isle, Job 3180

-Bonded Warehouse

-M.V. Beechmore, Job 3370

BOX #24

-S.S. Royalton, Job 2912

-S.S. Rookwood, 1959

-S.S. Texaco Warrior, Job 3841, 1964

-M.V. Thira, Job 4160, 1965

-M.V. Thorscarrier, Job 4800

-M.V. Transpacific, Job 4781

-Tugs

-Visit to Escort Vessels, 1955

-S.S. Thorsisle, 1955

-S.S. Thorshayn

-M.V. Timna, 1961

-S.S. Texaco Warrior, 1960

-M.V. Jorsholm

-M.V. Vilja, Job 3041

-M.V. White Ocean, Job 4858

-M.V. White Rose, Job 4542

-M.V. Werratal, Job 3620

-M.V. Westcliffe Hall

-M.V. Westriver, 1960

-M.V. Wolfe

-H.M.C.S. St. Laurent, Hull 250

BOX #25

Photographs of Canadian Vickers Hull, one file each:

Hulls 219-222 Loi de Canada, Loi de Chile, Loi de Paraguai, Loi de Bolivia

Hull 236 Ciudad de Maracaibo

Hull 240 Sandpiper

Hull 245 Trujillo

Hull 246 Lara

Hull 249 P.W.D. No. 400

Hull 250 St. Laurent

Hull 251 New Grand Haven

Hull 252 Thunder

Hull 253 Ottawa

Hull 254 William Carson

Hull 256 Ciudad de Valencia

Hull 258 Ciudad de Ibague

Hull 259 Ciudad de Cumana

Hull 260 Restigouche

Hull 261 Hutchcliffe Hall

Hull 262 Eastcliffe Hall

Hull 263 Walter E. Foster

Hull 266 Miki

Hull 268 Cape No. 2

## **VERSATILE VICKERS COLLECTION**

### **MATERIAL FROM SHIPYARD FILING CABINETS**

#### **BOX #26**

Various paper and reports presented by Canadian Vickers staff and others.

#### **BOX #27**

Binders containing indexes and references to marine articles in various magazines.

Union agreements and cost schedules for C.V. Shipyard.

#### **BOX #28**

Several binders containing information on ships built by Canadian Vickers, including costs, etc.

Several binders containing lists of C.V. drawings and estimates numbers.

#### **BOX #29**

Files concerning Hull 96 Sieur d'Amours, built by George T. Davie Shipyard.

#### **BOX #30**

Files concerning Hull 96 Sieur d'Amours, built by George T. Davie Shipyard.

#### **BOX #31**

George T. Davie Shipyard files:

-files on Hull 90, Sillery and on Hull 100, Dawson

-plans for Job N.S. 2820

-Evaluation and Progress reports

BOX #32

Files concerning George T. Davie Hulls 101-108, Atlantic... trawler series

BOX #33

Miscellaneous manuals and catalogues for marine products found in filing cabinets--  
no associated hull numbers.

BOX #34

Suppliers Folders in files marked "A" through "K".

BOX #35

Suppliers Folders in files marked "L" through "Z".

BOX #36

Files containing Ministry of Transportation Regulations.

BOX #37

Files containing Regulations passed by: Canadian Steamship Inspection

Canadian Government Specifications Board

Canadian Standards Association

BOX #38

Files containing Regulations passed by: British Standard Regulations

Lloyd's Regulations

U.S. Coast Guard Regulations

-other misc. U.S. safety regulations

## **VERSATILE VICKERS COLLECTION**

### **MATERIAL FROM SHIPYARD FILING CABINETS**

#### 1. Hull Plan Registers (bound in large folders)

-one Register for Canadian Vickers hulls #99, 265, 266, 267, 270, 286

-one Register for George T. Davie hull #100

-one Register for Jobs 3211 and 3212 on Imperial Collingwood and Imperial London

-one Register for Jobs 2719-2721 and 2771-2775  
on Tecumseh, Griffon, Belvoir and Frankcliffe Hall, Southcliffe Hall, Sterncliffe Hall, Shiercliffe Hall, Eastcliffe Hall

#### 2. Fitting Sheets (large folders containing sheets describing fittings, with sketches)

-one folder for hull 286 Louis St. Laurent

-one folder for hull 289 Norman McLean Rogers

#### 3. Detailed Cost Reports for Ship Repair Jobs

-Job 2719 Tecumseh

-Job 2720 Griffon

-Job 2771 Frankcliffe Hall

-Job 2772 Southcliffe Hall

-Job 2773 Sterncliffe Hall

-Job 2778 Griffon

-Job 2791 Eastcliffe Hall

#### 4. Cost Analysis (bound in large folders)

-folder for hull 219-224 Loi de Canada, Loi de Chile, Loi de Paraguai,

Loi de Bolivia, Loi de Argentina, Loi de Uruguai

-folder for hull 225 Canadian Cruiser

-folder for hulls 226-227 Telemon and Triton

-folder for hulls 228-231 Leecliffe Hall, Sterncliffe Hall, Northcliffe Hall, Southcliffe Hall

-folder for hulls 232-235 La Coubre, Cotes du Nord, Alberte le Bourne, La Baule

-folder for hulls 236-237 & 241 Ciudad de Maracaibo, Ciudad de Manizales,

Ciudad de Quito

-folder for hull 238 Edward Cornwallis

-folder for hull 239 Lightship No. 2

-folder for hull 240 Sandpiper

-folder for hulls 242-247 Zulia, Carabobo, Miranda, Trujillo, Lara, Bolivar

-folder for hull 248 Shiercliffe Hall

-folder for hull 249 P.W.D. No. 400

-folder for hull 251 New Grand Haven

-folder for hull 254 William Carson

-folder for hull 255 Frankcliffe Hall

-folder for hulls 256-259 Ciudad de Valencia, Ciudad de Cali, Ciudad de Ibague, Ciudad de Cumana

-folder for hulls 261-262 Hutchcliffe Hall and Eastcliffe Hall

(note: 2 copies)

-folder for hull 263 Walter E. Foster

-folder for hull 264 Baffin

-folder for hull 265 Clifford J. Rogers

-folder for hull 266 Miki

-folder for hull 267 Canvik No. 1

-folder for hull 268 Cape No. 2 (note: 2 copies)

-folder for hull 270 Hamilton 56

-folder for hulls 269 and 271 Alexander T. Wood and Avery C. Adams

#### 5. Computer Reports on Progress Costs and Estimated Profits

-the reports are dated:

-1967 - Nov. 30 1969 - Jan. 30

-1968 - Feb. 29 Feb. 27

Mar. 28 Mar. 27

Apr. 25 Apr. 24

May 30 May 29

June 27

July 31

Aug. 31

Sept. 30

Oct. 31

Nov. 28

6. One black folder containing 42 Standard Plan Drawings on mylar, drawn by Canadian Vickers draftsmen.

7. One folder containing a report on Comparison of Costs for Hulls 143-148,

Fort Ville Marie, Fort Nipigon, Fort Louisbourg, Fort Abitibi, Point Pelee Park, Fort Senneville

8. One report-Analysis of Sales, Profits, etc. by Product Code, 1957-1973

9. Contracts with the Department of Defense Production

-Fiscal year 1961-62, Contract 23244

1962-63, Contract 260601

1963-64, Contract 360640

10. Four large folio-size binders containing General Arrangement, Deck and Profile plans of various small fishing vessels designed by Canadian Vickers

-P-16290-1 Super Shrimper

-P-16290-2 Conversion of Side Trawler to 3-net Shrimper

-P-16290-3 Multi-Purpose Combination Vessels, Northern Version

-P-16290-4 86 ft. Multi-Purpose Vessel

11. One double metal filing drawer containing the names and addresses of business contacts of Canadian Vickers

12. One metal filing drawer containing a card index to ships by ship type,

ie. Fishery Vessels or Timber Carriers. The ships are one CV had something to do with, for example, repair jobs.

13. One wooden filing drawer containing a card index for design data. It is filed by type of ship or item (ie. couplings) and the references are to various periodicals.

14. Three transfer cases containing samples of the kinds of material used in the fitting of ships, ie. walls, ceilings, floors, insulation, etc.

**VERSATILE VICKERS COLLECTION**

## **GEORGE T. DAVIE GROUP OF SHIP PLANS**

HULL 90-91 Sillery, Coaster 984.82.1 - 984.82.16

Cacouna, Coaster

HULL 92 J.E. Jonsson, Trawler 984.82.17 - 984.82.33

HULL 96 Sieur d'Amours, Ferry 984.82.34 - 984.82.109

HULL 99 Triano, Trawler 984.82.110 - 984.82.254

HULL 101-108 Atlantic Marie, Trawlers 984.82.255 - 984.82.404

Atlantic Jane

Atlantic Peggy

Atlantic Ellen

Atlantic Beatrice

Atlantic Ruthann

Atlantic Toni

Atlantic Norma