

A Guide to  
The Carlton Kobush Blueprint Collection  
P-48  
By  
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St. Louis, Missouri  
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## INTRODUCTION

### **The Herman T. Pott National Inland Waterways Library**

The Herman T. Pott National Inland Waterways Library was established in 1985 with major funding from the Herman T. and Phenie R. Pott Foundation, a foundation with special interests in education and the preservation of river heritage. The Pott Library is an important national resource for scholars, river aficionados, and students of America's rivers because of its unique and extensive literary, archival and photographic collections of inland waterways materials.

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## **The Carlton Kobush Blueprint Collection**

The Carlton Kobush Blueprint Collection at the Herman T. Pott National Inland Waterways Library contains blueprints, monographs, and two models which were the personal property of Carlton Kobush, former head machinist for St. Louis Shipbuilding and Steel Company. Mr. Kobush began his career with St. Louis Ship in 1950, and worked there until the company's closure in 1984.

### **Scope and Content Notes**

The monographs of the Carlton Kobush collection have been incorporated into the Herman T. Pott National Inland Waterways Library holdings, and can be accessed through the University of Missouri's Online Public Access Catalog.

The blueprints have been accessioned and arranged by plan number. When the name of the vessel corresponding to the blueprint is known, the name of the vessel has been included in the folder description. The following vessels are included in the Carlton Kobush Blueprint Collection:

*M/V St. Louis Zephyr*, Twin Screw Towboat (Plans No. 280)

Single Screw Towboat (Plans No. 305)

*M/V Gasconade*, Twin Screw Towboat (Plans No. 596)

Triple Screw Towboat (Plans No. 657)

Twin Screw Towboat (Plans No. 663)

Twin Screw Towboat (Plans No. 881)

Single Screw Towboat (Plans No. 895)

Twin Screw Towboat (Plans No. 925)

Triple Screw Towboat (Plans No. 927)

Single Screw Towboat (Plans No. 929)

Twin Screw Towboat (Plans No. 939)

*M/V Bob Labdon*, Twin Screw Towboat (Plans No. 1012)

*M/V Ory J*, Twin Screw Towboat (Plans No. 1283)

*M/V Ann Malin*, Twin Screw Harbour Boat (Plan No. 112288)

The blueprint collection totals nine linear feet, and includes over 500 individual blueprints. Materials in the collection are listed according to their folder title and folder number. The folder number consists of two numbers; a box number (1-18) and a folder number (1-201). For example; M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-8; Frames 10 & 11 can be found by the number 2-19 (box 2, folder 19).

### **Access**

This is Special Collection P-48. Some of the collection may be photocopied, digitally scanned, or photographed, depending on condition. Currently, the collection's models are restricted.

### **Provenance**

The Carlton Kobush Blueprint Collection was donated in the memory of Carlton Kobush by his family in 2010. The Herman T. Pott National Inland Waterways Library is grateful for their contribution to our archival collections.

## P-48 Carlton Kobush Blueprint Collection

Box#	Folder #	Folder ID	Folder Description
1	1	1-1	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280; Hull Erection Plan
1	2	1-2	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-E4; Long. Hull Sections
1	3	1-3	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-E5; Machinery Arrangement
1	4	1-4	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-E6; Rudder Setting Plan
1	5	1-5	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-P1; Bilge & Ballast Piping
1	6	1-6	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-P2; Fire Piping
1	7	1-7	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-P3?
1	8	1-8	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-P5; Fuel Oil Piping
1	9	1-9	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-P7; Air Piping
1	10	1-10	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-P9; Heating Piping
1	11	1-11	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-P10; Steering Oil Piping
1	12	1-12	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-P12; Hull Compt. Vent Plan
1	13	1-13	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-sk2; Vapor-Phase Unit Piping
1	14	1-14	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-3; Headlog and Frame #1
1	15	1-15	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-4-1; Frames 2 & 3
1	16	1-16	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-5-1; Frames 4 & 5
2	17	2-17	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-6; Frames 6&7

Box#	Folder #	Folder ID	Folder Description
2	18	2-18	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-7; Frames 8&9
2	19	2-19	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-8; Frames 10&11
2	20	2-20	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-9-1; Frames 12&13
2	21	2-21	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-?; Frames 14&15
2	22	2-22	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-11; Frames 16&17
2	23	2-23	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-12; Frames 18&19
2	24	2-24	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-13; Long. Blkhd. (in way of engine room)
2	25	2-25	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-14-1; Bulkhead #20
2	26	2-26	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-15; Frames 21&22
2	27	2-27	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-16; Frames 23&24
2	28	2-28	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-17; Frames 25&36
2	29	2-29	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-18; Frames 27&28
2	30	2-30	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-19, 20, 21; Frames 29-34
2	31	2-31	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-22, 23, 24; Frames 35-40
3	32	3-32	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-25; Frame 41 & Blkh. 42; Plan 26, 27; Trans Fr 43-46
3	33	3-33	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-28; Trans Fr 47 & 48; Plan 29; Trans Blkh. 49 & Trans. Fr. 50; Plan 30; Trans Fr 51 & 52
3	34	3-34	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-31, 32, 33; Trans Fr 53-58

Box#	Folder #	Folder ID	Folder Description
3	35	3-35	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-34; Transom; Plan 35 - Bottom Plating; Plan 36 - Deck & Side Plating
3	36	3-36	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-37; Longitudinal Wing Bulkhd.; Plan 38 - Long. Blkhd. In way of Inbd. Eng. Gird.; Plan 39 - Longitudinal 5'-0" off...
3	37	3-37	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-40; Longitudinal on Center Line of Ship; Plan 41 - Capstan Foundation; Plan 42 - Location of Hatches & Deck Fit'gs
3	38	3-38	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-43; Inboard Engine Girders; Plan 44 - Outboard Engine Girders; Plan 46 - Capstan Compartment Hatch and Ladders
3	39	3-39	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-50; Prop. Shaft Layout; Plan 51 - Prop. Shaft Detail; Plan 52 - Stern Strut
4	40	4-40	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-53; Stern Tube; Plan 54 - Prop. Shaft Grouping; Plan 55 - Shaft Couplings
4	41	4-41	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-56; Steering Rudder Trunk; Plan 57 - Backing Rudder Trunk; Plan 58 - Backing Rudder
4	42	4-42	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-59; Gen'l Steering Arrangement; Plan 60 - Steering Rudder Quadrant; Plan 61 - Backing Rudder Quadrants
4	43	4-43	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-62; Steering Sheave Support; Plan 63A, 63B - Pilot House Control Stand
4	44	4-44	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-64; Steering Control Assembly; Plan 65 - Steering Control Parts; Plan 66 - Steady Brg. Support
4	45	4-45	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-67; Steering Engine & Control Layout; Plan 68 - Towing Knees; Plan 69 - Pilot House

Box#	Folder #	Folder ID	Folder Description
4	46	4-46	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-71; Pilot House Floor and Sections; Plan 72 - Steel Doors & Frames; Plan 73 - Upper House Roof Floor Plan
4	47	4-47	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-74; Port & Stbd. Elev. For Upper House; Plan 75 - Aft & Fwd. Elev. Of Upper House & Bridge; Plan 76 - Roof Plan for Fwd. Lower House
5	48	5-48	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-77; Port & Stbd. Elev. Of Lower House; Plan 78 - Fwd. Elev. For Lower House; Plan 79 - Aft Port & Stbd. Elev. For Lower House
5	49	5-49	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-80; Roof Plan for Aft Lower House & Aft Elevation; Plan 81 - Fwd. Pilot House Window Sect.; Plan 82 - Engine Room Partitions
5	50	5-50	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-84?; Plan 85 - Fwd. Lower House Interior Part.; Engine Room Walkway & Stairs
5	51	5-51	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-88; Kingsbury Thrust Bearing Support; Plan 89 - Cooling Ducts & Fender; Plan 90 - Drinking Water Tanks
5	52	5-52	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-91; Sea Chest; Plan 92 - Air Tank Supports; Plan 93 - Showers
5	53	5-53	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-94; Exhaust Piping & Stack; Plan 95 - Aft Lower Interior Part.; Plan 96 - Transv. Partitions, After Lower House
6	54	6-54	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-97, 98, 99; Upper House Partitions & Stair
6	55	6-55	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-100; Upper House Partitions; Plan 101 - Engine Room Ventilator; Plan 103; Aft Upper & Lower House Stair, Ladders & Rail
6	56	6-56	M/V St. Louis Zephyr, Twin Screw Towboat Plan No. 280-104; Jack Staff & Flag Pole; Plan 106; Engine Room Ventilating System; Plan 108 - Searchlight Controls; Plan 110 - Stack Monogram

Box#	Folder #	Folder ID	Folder Description
7	57	7-57	Single Screw Towboat Plan No. 305-E2-3 - Erection Plan; Plan E3 - Rudder Layout; Plan E5-1 - Machinery Arrangement
7	58	7-58	Single Screw Towboat Plan No. 305-P6 - Lube Oil Piping; Plan P8 - Sanitary & Potable Water; Plan P9 - Heating Piping
7	59	7-59	Single Screw Towboat Plan No. 305-P10 - Steering Piping; Plan P10 - Hull Compartment Vent Plan; Plan 1-1 - Lines & Offsets
7	60	7-60	Single Screw Towboat Plan No. 305-2-1 - Frames #0,1,2,3,4; Plan 3-3 - Trans. Frames #5-8; Plan 4-2 - Frames 9-12
7	61	7-61	Single Screw Towboat Plan No. 305-5-5 - Frames 14-22; Plan 305-6-4 - Frames 18-24; Plan 305-7-3 - Frames 25, 26 & 28-31 Includ. & Bhd. 27
7	62	7-62	Single Screw Towboat Plan No. 305-8-1 - Frames 32-25; Plan 305-9-2 - Trans. Fr. & Wing Frs. 36-39; Plan 305-10 - Trans & Wing Frs. 40-43
7	63	7-63	Single Screw Towboat Plan No. 305-11-1 - Trans Frs. 44-47; Plan 305-12 - Trans Frs. 48,49 & Transom 50; Plan 305-13-2 - Long Rake Frames
7	64	7-64	Single Screw Towboat Plan No. 305-14-3 - Long. Rake Frames; Plan 305-15-1 - Aft Long. Fr... off Center Line; Plan 305-16-4 - Engine Girders
8	65	8-65	Single Screw Towboat Plan No. 305-17-4 - Hull Plating; Plan 305-18-2 - Long. Frs. 26-34 & Long. Blkh. 34-50; Plan 305-19-2 - Long. Wing Bulkhd.
8	66	8-66	Single Screw Towboat Plan No. 305-20-3 - Steel Doors & Showers; Plan 305-21-2 - Fwd. Deckhouse; Plan 305-22-3 - Aft Deckhouse
8	67	8-67	Single Screw Towboat Plan No. 305-23-4 - Pilot House; Plan 305-24-4 - Pilot House Hoist Supporter & Girder; Plan 305-25-2 - Searchlight Assembly
8	68	8-68	Single Screw Towboat Plan No. 305-26 - Engine Room Deck & Ladders; Plan 305-27-1 - Hatches, Deck Fittings & Hull Compartment Ladders; Plan 305-28 - Towing Knee

Box#	Folder #	Folder ID	Folder Description
8	69	8-69	Single Screw Towboat Plan No. 305-29 - Drinking Water Tanks; Plan 305-30 - Propeller Shafting Layout; Plan 305-31 - Line Shaft Couplings
8	70	8-70	Single Screw Towboat Plan No. 305-32 - Tailshaft Coupling; Plan 305-33 - Stern Strut; Plan 305-34 - Stern Tube
8	71	8-71	Single Screw Towboat Plan No. 305-35 - Prop. Shaft Details; Plan 305-37 - Galley Arrangement; Plan 305-38-2 - Wing Frs. 17, 19, 20, 21, 22 & Fr. 13
8	72	8-72	Single Screw Towboat Plan No. 305-39 - Stack & Exhaust Piping; Plan 305-40-2 - Cooling Water Ducts; Plan 305-41 - Backing Rudder Trunks
9	73	9-73	Single Screw Towboat Plan No. 305-42 - Steering Rudder Trunk; Plan 305-43 - Backing Rudder; Plan 305-44 - Gen'l Steering Arrangement
9	74	9-74	Single Screw Towboat Plan No. 305-45 - Steering Rudder Quadrant; Plan 305-46 - Backing Rudder Quadrant; Plan 305-47 - Steering Gear
9	75	9-75	Single Screw Towboat Plan No. 305-48 - Sea Chest & Battery Box; Plan 305-49-1 - Pilot House Control Stand; Plan 305-50 - Steering & Engine Control Layout
9	76	9-76	Single Screw Towboat Plan No. 305-51 - Follow-up Crank; Plan 305-52 - Steering Control Assembly; Plan 305-53 - Steering Control Parts
9	77	9-77	Single Screw Towboat Plan No. 305-54 - P.H. Control Telescoping Arrangement; Plan 305-55 - Steering & Engine Control Sheave Bank; Plan 305-57 - Tailshaft & Steady-Bearing Support
9	78	9-78	Single Screw Towboat Plan No. 305-58 - Platform Over Steering Mech.; Plan 305-59 - Capstan Foundation; Plan 305-60-1; Ladders and Railing
9	79	9-79	Single Screw Towboat Plan No. 305-61 - Safety Line; Plan 305-62-1 - Aft Towing Bit Support; Plan 305-63 - 15 k.w. Generator Base
10	80	10-80	Single Screw Towboat Plan No. 305-64-2 - Work Boat Davits; Plan 305-65-1 - Fwd. Deckhouse; Plan 305-67 - Wing Extensions & Steering Platform

Box#	Folder #	Folder ID	Folder Description
10	81	10-81	Single Screw Towboat Plan No. 305-68 - Fwd. Door Sections & Wedges; Plan 305-69-2 - Pilot House Support; Plan 305-70 - Handrails Ladder & Stairsf
10	82	10-82	Single Screw Towboat Plan No. 305-71 - Stack & Exhaust Piping; Plan 305-72 - Searchlight Assembly; Plan 305-73 - Lube Oil Storage Tank
10	83	10-83	Single Screw Towboat Plan No. 305-74 - Castings for Wedging Pilot House; Plan 305-75 - Work Boat Davits; Plan 305-76 - Engine Room Ventilator; Plan 305-? - Fuel Oil Piping Diagram
11	84	11-84	M/V Gasconade, Twin Screw Towboat Plan No. 596-E7-1, E7-2 - Steering Arrangement; Plan 596-5 - Towing Knees & Spudwell
11	85	11-85	M/V Gasconade, Twin Screw Towboat Plan No. 596-5-1, 5-2, 5-3 - Towing Knees & Spudwell
11	86	11-86	M/V Gasconade, Twin Screw Towboat Plan No. 596-7-1, 7-2; Transv. Frs. 7-14; Plan 596-8-3 - Transv. Frs. 15-22
11	87	11-87	M/V Gasconade, Twin Screw Towboat Plan No. 596-8-4 - Trans. Frs. 15-22; Plan 596-9 - Transv. Frs. 23-38; Plan 596-10 - Transv. Frs. Xf29, xf30, xf31
11	88	11-88	M/V Gasconade, Twin Screw Towboat Plan No. 596-12 - Transv. Frs. 35-40; Plan 596-13, 13-1, 13-2 - Transv. Frs. 41-46
12	89	12-89	M/V Gasconade, Twin Screw Towboat Plan No. 596-15-1, 15-2 - Long. Blkhds & Long. & Fr.; Plan 596-17 - Long. Girder XA17rL - XD17rL, Long. Blkhd XB17rL - DK.L's x 917
12	90	12-90	M/V Gasconade, Twin Screw Towboat Plan No. 596-17-2, 17-3 - Long. Girder XA17rL - XD17rL, Long. Blkd XB17rL - DK.L's X917; Plan 596-18 - Transv. Frs. 47-50, Long. Port & STBD. Stern Girders
12	91	12-91	M/V Gasconade, Twin Screw Towboat Plan No. 596-18-1, 18-2, 18-4 - Trans. Frs. 47-50, Long. Port & Stbd Stern Girders
12	92	12-92	M/V Gasconade, Twin Screw Towboat Plan No. 596-19 - Bulwarks Handrail & Fender; Plan 596-20 - Spud Derrick & Spud; Plan 596-110 - Galley Messroom Arrangement

Box#	Folder #	Folder ID	Folder Description
13	93	13-93	M/V Gasconade, Twin Screw Towboat Plan No. 596-114, 114-1 - Stacks & Exhaust Piping; Plan 596-115 - Upper Deck Rail & Ladder & Repair Locker
13	94	13-94	M/V Gasconade, Twin Screw Towboat Plan No. 596-200-1 - Propeller Shaft Details; Plan 596-203-1 - Stern Strut, Shaft Log, Stern Tube & Blkhd Stuffing Box; Plan 596-209 - Steering Rudder Trunk Details
13	95	13-95	M/V Gasconade, Twin Screw Towboat Plan No. 596-211-1, 211-2 - Rudder Details; Plan 596-212-2 - Tiller Cstgs., Strg., Rudder Quardrt...
13	96	13-96	M/V Gasconade, Twin Screw Towboat Plan No. 596-213-2, 213-3 - Backing Rudder Quadrant, Pins, Sheave Support...; Plan 214-1 - Cylinder Supports, Guides & Shackles
14	97	14-97	Triple Screw Towboat Plan No. 657-E2 - Hull Framing Plan & Long. L. Sect.
14	98	14-98	Triple Screw Towboat Plan No. 657-E3 - Transverse & Long. L. Sect.
14	99	14-99	Triple Screw Towboat Plan No. 657-E4 - Rudder Layout
14	100	14-100	Triple Screw Towboat Plan No. 657-E6 - Prop. Shaft Layout
14	101	14-101	Triple Screw Towboat Plan No. 657-E7 - Steering: Gen'L Arrangement
14	102	14-102	Triple Screw Towboat Plan No. 657-E8 - Steering Controls Layout at Steering Compartment
14	103	14-103	Triple Screw Towboat Plan No. 657-SK.3 - Welding Schedule
14	104	14-104	Triple Screw Towboat Plan No. 657-4 - Hull Plating Plan
14	105	14-105	Triple Screw Towboat Plan No. 657-5 - Wing Frs. 17,18,20,21&22, Transv. Eng. Rm. Frs. 20,21,&22
14	106	14-106	Triple Screw Towboat Plan No. 657-6 - Transv. Eng. Rm. & Wing Frs. 23-25
14	107	14-107	Triple Screw Towboat Plan No. 657-7 - Transv. Eng. Rom. Frs. 26-27
14	108	14-108	Triple Screw Towboat Plan No. 657-8 - Transv. Eng. Rm. Frs. 28-30

Box#	Folder #	Folder ID	Folder Description
14	109	14-109	Triple Screw Towboat Plan No. 657-9 - Longitudinal Wing Bulkhd.
14	110	14-110	Triple Screw Towboat Plan No. 657-10 - Transv. Bulkhd. Fr. 19
14	111	14-111	Triple Screw Towboat Plan No. 657-11 - Transv. Bulkhd. Frs. 6 & 10
14	112	14-112	Triple Screw Towboat Plan No. 657-12 - Wing Frs. 1, 2, 4, 5, 7, 8, 9, 11, & 12, Corner Detail XA12
14	113	14-113	Triple Screw Towboat Plan No. 657-13 - Transv. Bulkhd. Fr. 31
14	114	14-114	Triple Screw Towboat Plan No. 657-14 - Wing & Transv. Frs. 3 & 13
14	115	14-115	Triple Screw Towboat Plan No. 657-15 - Wing Frs. 14, 15, Wing Blkd 16, Transv. Fr. 16
15	116	15-116	Triple Screw Towboat Plan No. 657-16 - W.T. Transv. Blkd. Fr. 36
15	117	15-117	Triple Screw Towboat Plan No. 657-17 - Transverse Frames 37-40, incl.
15	118	15-118	Triple Screw Towboat Plan No. 657-18 - Transv. Fr. 32 & 33
15	119	15-119	Triple Screw Towboat Plan No. 657-19 - Partial Frs. 17 & 18, Water Tank Bott. & Fwd. Side
15	120	15-120	Triple Screw Towboat Plan No. 657-20 - Wing and Transv. Frs. 41-43
15	121	15-121	Triple Screw Towboat Plan No. 657-21 - Transv...
15	122	15-122	Triple Screw Towboat Plan No. 657-22 -
15	123	15-123	Triple Screw Towboat Plan No. 657-23 - Long. & Blkd. Fr...; Long. & Truss...
15	124	15-124	Triple Screw Towboat Plan No. 657-24 - Long'l Frames Forward of Engine Room
15	125	15-125	Triple Screw Towboat Plan No. 657-25 - Long'l Fr. 8'-6" off...
15	126	15-126	Triple Screw Towboat Plan No. 657-26 - Long'l Framing 9'7" - 12'6"...
15	127	15-127	Triple Screw Towboat Plan No. 657-27 - Inbd. Long. Blkd...; Outbd. Long. Blkd...

Box#	Folder #	Folder ID	Folder Description
15	128	15-128	Triple Screw Towboat Plan No. 657-28 - Towing Knees Long. Girder & Fr... Eng. Rom. Strut
15	129	15-129	Triple Screw Towboat Plan No. 657-30 - Long. Girder & Fr... Eng. Rom. Strut
15	130	15-130	Triple Screw Towboat Plan No. 657-32 - Deck Fitting Plan
15	131	15-131	Triple Screw Towboat Plan No. 657-38 - Engine Girder
15	132	15-132	Triple Screw Towboat Plan No. 657-98 - Cooling Water Ducts
15	133	15-133	Triple Screw Towboat Plan No. 657-99 - Sea Chest
15	134	15-134	Triple Screw Towboat Plan No. 657-100 - Forward Lower House Roof Plan & Elevation
15	135	15-135	Triple Screw Towboat Plan No. 657-101 - Engine Room Deckhouse
15	136	15-136	Triple Screw Towboat Plan No. 657-102 - Interior Stairs
15	137	15-137	Triple Screw Towboat Plan No. 657-103 - Upper Deckhouse
16	138	16-138	Triple Screw Towboat Plan No. 657-104 - Generator Base & Exhaust
16	139	16-139	Triple Screw Towboat Plan No. 657-105 - Pilot House
16	140	16-140	Triple Screw Towboat Plan No. 657-106 - Pilot House Stairs
16	141	16-141	Triple Screw Towboat Plan No. 657-107 - Forward P.H. Window Sections
16	142	16-142	Triple Screw Towboat Plan No. 657-108 - Sections at Aluminum Window
16	143	16-143	Triple Screw Towboat Plan No. 657-109 - Exterior Steel Doors & Frames
16	144	16-144	Triple Screw Towboat Plan No. 657-110 - Interior and Exterior Steel Doors
16	145	16-145	Triple Screw Towboat Plan No. 657-111 - Upper House & Pilot House Stair & Rail

Box#	Folder #	Folder ID	Folder Description
16	146	16-146	Triple Screw Towboat Plan No. 657-112 - Pilot House Forward Frames & Window Wiper
16	147	16-147	Triple Screw Towboat Plan No. 657-114 - Engine Machine Room Ventilation Blowers
16	148	16-148	Triple Screw Towboat Plan No. 657-115 - Piping & Wiring Trunks
16	149	16-149	Triple Screw Towboat Plan No. 657-116 - Showers
16	150	16-150	Triple Screw Towboat Plan No. 657-117 - Pilot House Layout
16	151	16-151	Triple Screw Towboat Plan No. 657-118 - Escape Hatch and Location
16	152	16-152	Triple Screw Towboat Plan No. 657-119 - Engine Room Stairs and Railing
16	153	16-153	Triple Screw Towboat Plan No. 657-120 - Plan of Galley/Mess
16	154	16-154	Triple Screw Towboat Plan No. 657-121 - Flag Pole & Jack Staffs
16	155	16-155	Triple Screw Towboat Plan No. 657-122 - Lower House Railing & Safety Line
16	156	16-156	Triple Screw Towboat Plan No. 657-124 - Stack & Exhaust Piping
16	157	16-157	Triple Screw Towboat Plan No. 657-125 - Removable Hatch Over Engine Room
16	158	16-158	Triple Screw Towboat Plan No. 657-126 - Steering Cover Roof Plan
16	159	16-159	Triple Screw Towboat Plan No. 657-127 - Steering Gear Sections & Hatches
16	160	16-160	Triple Screw Towboat Plan No. 657-128 - Air Conditioning Layout
17	161	17-161	Triple Screw Towboat Plan No. 657-200 - Shafting Details
17	162	17-162	Triple Screw Towboat Plan No. 657-201 - Steading Bearing Support
17	163	17-163	Triple Screw Towboat Plan No. 657-202 - Stern Strut Details

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17	164	17-164	Triple Screw Towboat Plan No. 657-203 - Stern Tube Details
17	165	17-165	Triple Screw Towboat Plan No. 657-204 - Steering Rudder Trunks
17	166	17-166	Triple Screw Towboat Plan No. 657-205 - Flanking Rudder Trunks
17	167	17-167	Triple Screw Towboat Plan No. 657-206 - Steering Rudder
17	168	17-168	Triple Screw Towboat Plan No. 657-207 - Flanking Rudder
17	169	17-169	Triple Screw Towboat Plan No. 657-212 - Cylinder Foundation, Tiller Castings, Sheave Supports, Etc.
17	170	17-170	Triple Screw Towboat Plan No. 657-213 - Flanking Rudder Quadrant, Tiller Arms & Rudder Stops
17	171	17-171	Triple Screw Towboat Plan No. 657-214 - Steering Rudder Quadrant & Tiller Arms
17	172	17-172	Triple Screw Towboat Plan No. 657-215 - Jockey Sticks
17	173	17-173	Triple Screw Towboat Plan No. 657-220 - Steering Control Layout
17	174	17-174	Triple Screw Towboat Plan No. 657-221 - Pilot House Control Stand
17	175	17-175	Triple Screw Towboat Plan No. 657-222 - Control Handle Assembly
17	176	17-176	Triple Screw Towboat Plan No. 657-225 - Steering Control Details
17	177	17-177	Triple Screw Towboat Plan No. 657-226 - Steering Control Details
17	178	17-178	Triple Screw Towboat Plan No. 657-227 - Follow Up at Hyd. Cylinder
18	179	18-179	Twin Screw Towboat Plan No. 663-105 - Pilot House
18	180	18-180	Twin Screw Towboat Plan No. 881-E1,E1A - General Design, Main Dk Plan & Outboard Profile, Fwd. Elev., Plan 2nd Dkhouse & Pilot House; Plan 881-E2,E3 - Hull Framing: Long. & Transv. Sect's

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18	181	18-181	Single Screw Towboat Plan No. 895-E1 - Main Dk, 2nd Dk and Pilot House Plan Outboard Profile; Plan 895-E7 - Steering: Gen'l Arrg't; Plan 895-21 - Dk Fitting Plan; Plan 895-23 - Removable Eng. Rm. Dk. Section...; Plan 895-109 - P.H. Center Window Operator
18	182	18-182	Single Screw Towboat Plan No. 895-113 - Jack Staff & Flag Pole; Plan 895-114 - 2nd Dk House Rail & Stairs & P.H. Ladder & Rail; Plan 895-118 - Main Eng. & Gen. Exhaust Piping...; Plan 895-220 - Steering Control Layout; Plan 895-221 - P.H. Control Stand
18	183	18-183	Twin Screw Towboat Plan No. 925-E1A - 2nd & 3rd Dkhouse, Pilot House; 925-E2, E3 - Hull Framing Plan & Long. Sect., Long. Transv.; 925-E5 - Machinery Arrgt Below Dk Plan; 925-E5A - Machinery Arrgt Main Deck Plan
18	184	18-184	Twin Screw Towboat Plan No. 925-E6 - Prop. Shaft. Layout; 925-E8 - Steering Control Layout; 925-P10 - Steering Oil Piping; 925-90 - Kort Nozzle Gen. Design; 925-99 - Sea Chest
18	185	18-185	Twin Screw Towboat Plan No. 925-150 - Pilot House Roof Arrg Details; 925-131 - Eng. Rm. Railing & Stairs; 925-200 - Prop. Shafting & Details; 925-205 - Stern Strut Assy & Details; 925-210 - Steering Rudder
18	186	18-186	Twin Screw Towboat Plan No. 925-211 - Flanking Rudders; 925-219 - Steading Bearing Support; 925-220 - Steering Control Layout; 925-221 - Pilot House Console
18	187	18-187	Twin Screw Towboat Plan No. 925-226, 228, 229 - Steering Control Details; 925-250 - Propeller Detail
18	188	18-188	Triple Screw Towboat Plan No. 927-E1 - Main Deck Plan, General Arrgt. & Outboard Profile
18	189	18-189	Single Screw Towboat Plan No. 929-E2 - Hull Fr. Plan; 929-E5 - Machinery Arrgt Below Dk; 929-107 - Pilot House Elev., P.H. Roof & Floor Plans; 929-210; 929-211 - Steering Rudder; 929-231 - Pilot House Control Stand

Box#	Folder #	Folder ID	Folder Description
18	190	18-190	Twin Screw Towboat Plan No. 939-E2 - Hull Fr. Plan; 939-E4 - Rudder Arrgt.; 939-E6 - Eng. & Prop. Shafting Layout; 939-E7 - Steering Arrgt., 939-5 - Deck Fitting Plan
18	191	18-191	Twin Screw Towboat Plan No. 939-5A - Dk Fitting Details; 939-5B - Fore & Aft Towing Bits; 939-96 - Docking Plan; 939-131 - Eng. Rm. Railing & Stair; 939-144 - Main Dk Bulwark
18	192	18-192	Twin Screw Towboat Plan No. 939-208, 208A - Flanking Rudder Trunk; 939-209, 209A - Steering Rudder Trunk; 939-210 - Steering Rudders; 939-211 - Flanking Rudders
18	193	18-193	M/V Bob Labdon, Twin Screw Towboat Plan No. 1012-E1 - Gen. Design Main Dk Plan & Outboard Profile; 1012-E1A - 2nd Dk & Pilot House Plan; 1012-E4 - Rudder Arrgt., 1012-E5 - Machinery Arrgt. Below Dk
18	194	18-194	M/V Bob Labdon, Twin Screw Towboat Plan No. 1012-E6 - Propeller Shaft Layout; 1012-E7 - Gen. Steering Arrgt.; 1012-P5 - Fuel Oil Piping Diagram; 1012-P14 - Stern Tube Water Lubrication System
18	195	18-195	M/V Bob Labdon, Twin Screw Towboat Plan No. 1012-5 - Deck Fitting Plan; 1012-117 - Fwd. Pilot House Windows & Window Wiper; 1012-142, 142A - Pilot House Roof Arrgt. & Details
18	196	18-196	M/V Bob Labdon, Twin Screw Towboat Plan No. 1012-159 - Engine Platform; 1012-200 - Propeller Shafting Detail; 1012-201 - Prop. Shaft Coupling Fwd.; 1012-202 - Prop. Shaft Coupling Aft
18	197	18-197	M/V Bob Labdon, Twin Screw Towboat Plan No. 1012-204 - Stern Strut; 1012-205 - Stern Strut Bearing; 1012-206 - Stern Tube & Bearing; 1012-208 - Flanking Rudder Trunk; 1012-209 - Steering Rudder Trunk
18	198	18-198	M/V Bob Labdon, Twin Screw Towboat Plan No. 1012-211 - Flank. Rudders; 1012-221 - Pilot House Control Console; 1012-222 - Steer/Flank Mech. Control Lever Assy. For Pilot House Console; 1012-226 - Flank/Steer Mech. Control Details; 1012-227 - Control Rod

Box#	Folder #	Folder ID	Folder Description
18	199	18-199	M/V Bob Labdon, Twin Screw Towboat Plan No. 1012-228 - Strg. & Flk. Control Details; 1012-229 - Flank. & Steering Mech. Control Details; 1012-230 - Main Eng. Emergency Shutdown...; 1012-233 - Flank Rudder Hyd. Pilot Valve...; 1012-250 Propeller Design
18	200	18-200	M/V Ory J, Twin Screw Towboat Plan No. 1283 & 1283-2 - Front View, Side View, Sectional Views
18	201	18-201	M/V Ann Malin, Twin Screw Harbour Boat #112288 - PL4, PT5, PL6