

SS JACK BRODY

A proto freelanced
Laker Class Freighter

ARRRG!

SYLVAN

Scale Models

32229 Sylvan Road, RR # 2, Parkhill, Ontario, N0M 2K0

www.isp.ca/Sylvan

Laker Class Tramp Steamer

696-10821

HO Scale

- Replica of Lakes Class Steam Ship
- Sailed Worldwide from 1917 to 1970s
- Kit Designed By a Great Lakes Engineer
- Waterline Model
- Perfect Size for HO Waterfronts
- Detailed Resin Parts
- Complete, Illustrated Instructions
- Includes Deck Fittings
- Detailed Wheelhouse Interior
- Etched-Brass Handrail Stanchions
- Model is 36" long (260 scale feet), beam is 6" (43.5 scale feet)
- **WALTHERS** Exclusive Produced by Sylvan Scale Models



Ages 14 & Up

WWI Laker Class = WW2 Liberty Ship

United States Shipping Board = USRA

Use standard designs to Maximize Production

Employed 350,000, built 8000 houses, 9 hotels, 900 apartments, 21 dormitories, 11 cafeterias, 2 schools, 81 stores and one hospital

US Steel Ship Construction

1917	431
1918	535
1919	1180

Great Lakes Shipbuilding

Welland Canal Locks 270ft long 45ft wide 18ft deep

Design 1020 261ft long 43ft wide 22ft deep max

Several designs share this hull and were very similar

Between 400 and 500 ships of these designs were constructed by Great Lakes builders and builders on the west coast and Canada.

Design 1020

Spotting Hints

2 masts with ratlines – walkways in front of bridge – small pilot house

180psi 1500hp triple expansion steam engine

2 coal fired boilers

Top speed 9 knots (10mph)

Will do 9 knots until you run out of coal

At least 35 built

Post War

A huge glut of new and near new ships
US ship building crashes

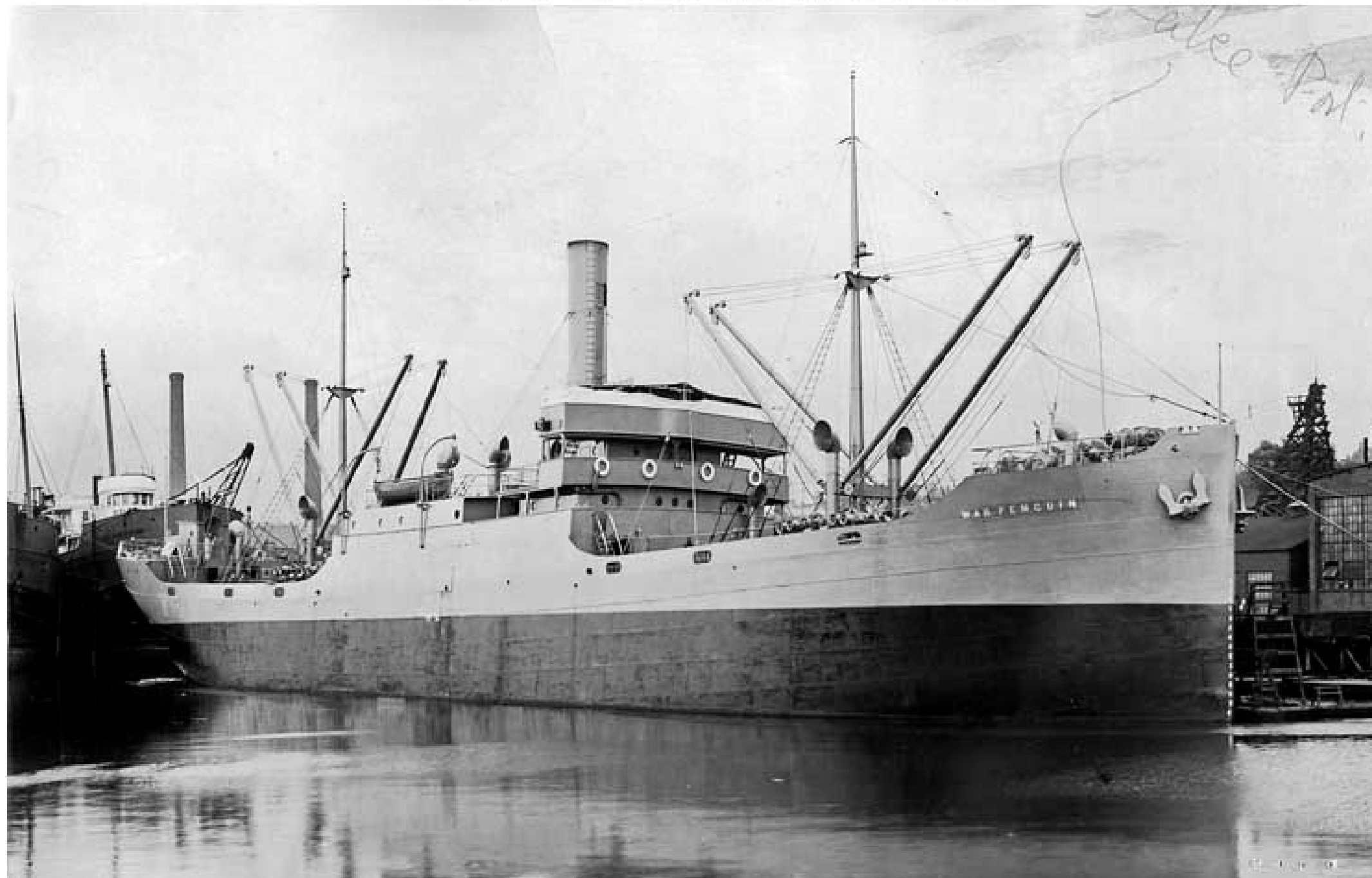
Laker Class ships sold to countries and companies all over the world
Many used for west coast lumber operations

1926 Ford buys 150 Lakers for scrap

Many served during WWII on all sides

1970's the last Lakers scrapped

Photo # NH 94487 S.S. War Penguin circa 1917





U.S.S. Lake Fernwood



U.S.S. Lake DANCEY in Danzig.

Modeler's Resources

Kit Instructions:

History, Assembly Diagrams

Internet Images:

Prototype Photos, Model Photos, Artist Portrayals, 1020 Plans

Mainline Modeler:

Extensive History, 1099 Plans, Prototype Photos

San Francisco Maritime NP 1943 Deckhand Training:

Extensive Rigging Descriptions and Diagrams

The Model

No Specific Prototype, Blended Prototype Features, Kit Instructions,
Prototype Practices, Ease of Construction and Artistic License

Working with Resin:

Detail and Fit Not as Fine as Plastic, Heat Sensitive, Extensive Flash

Easy to Carve, Used Utility Knife for Fitting Parts

Super Glue! Lots of Super Glue

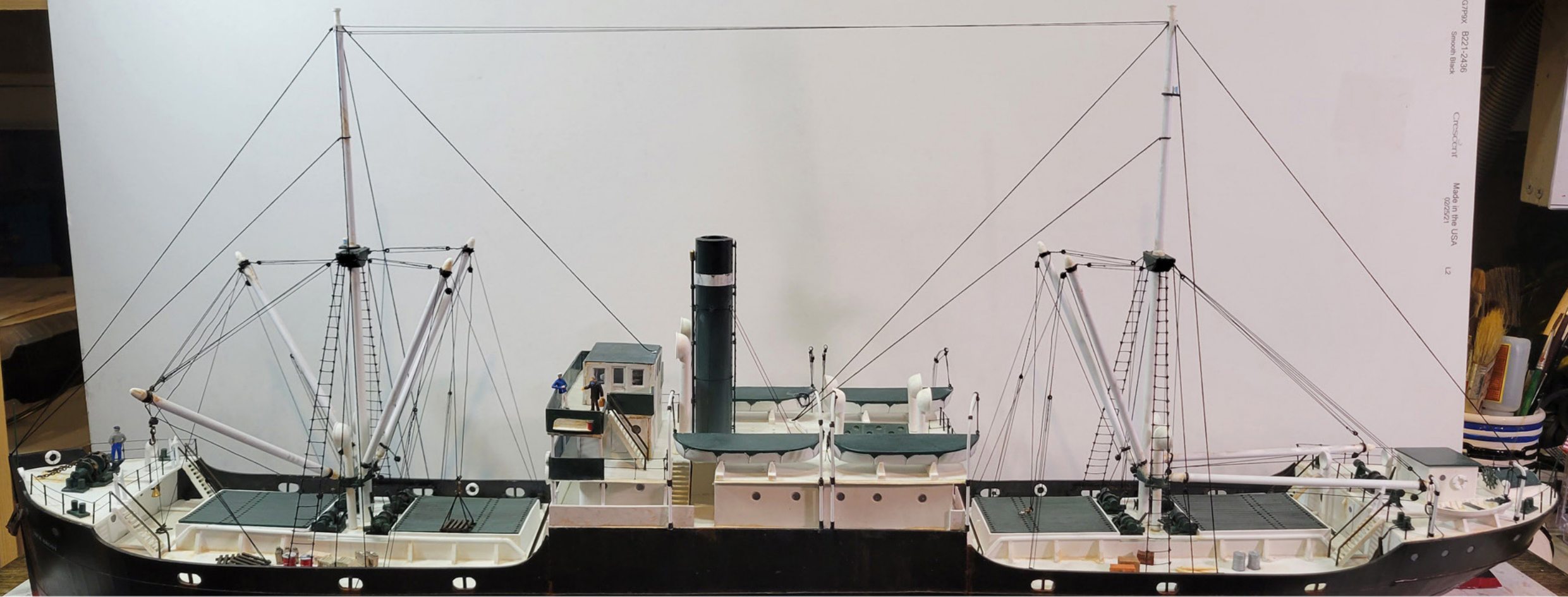
Added Details

All rigging,

Porthole glass, Scupper bars, Stairway rails, Light sconces, Chart table, Weather deck braces, Ship name decals, American flag, Life preservers, Small cowl ventilators, Night lighting, Spare anchor, Loose cargo, Pallets, Figures, Bridge and pilot deck support posts, Boom cradles, Modified steam piping, Funnel seams, Eyebolt plates

Items from Cast Your Anchor

Ship's bell, Cleats, Medium size blocks, Cargo hooks

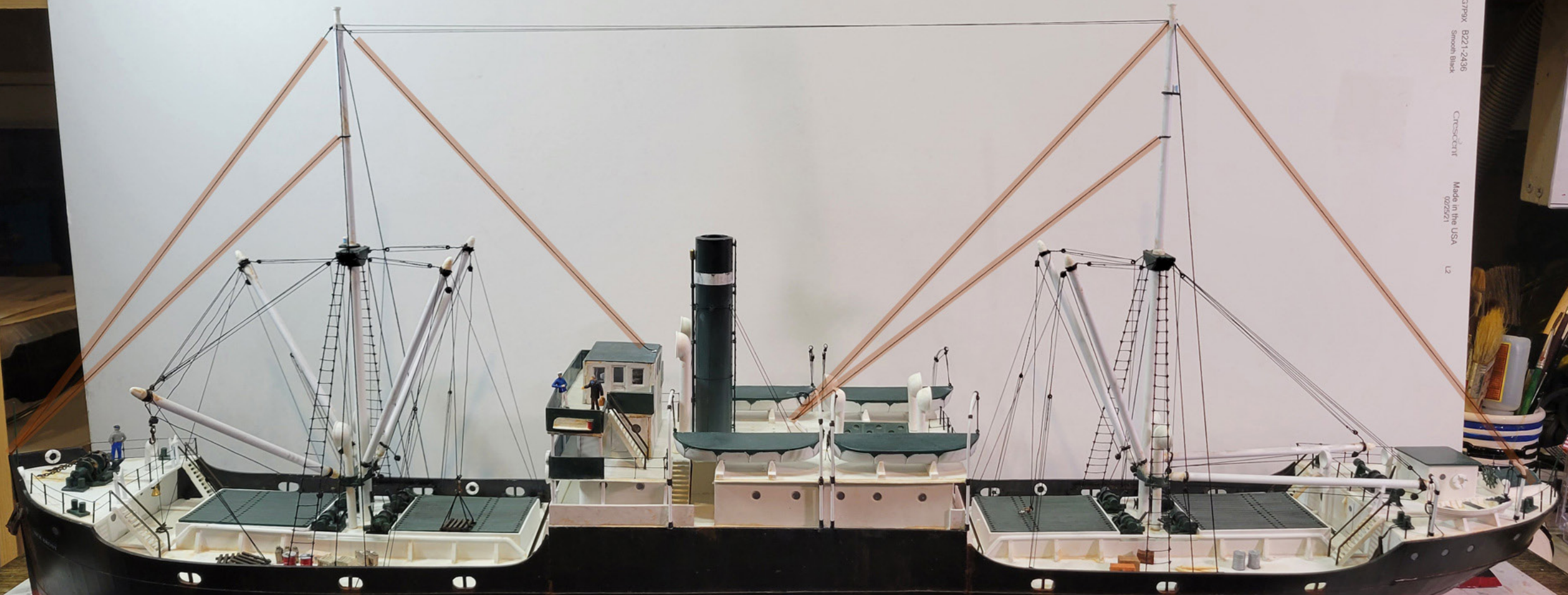


Standing Rigging

Stays run fore and aft supporting the masts

Rat lines and **shrouds** support side to side

USF2VJG7P9X B221-2436
Smooth Black
Crescent
Made in the USA
022521 12

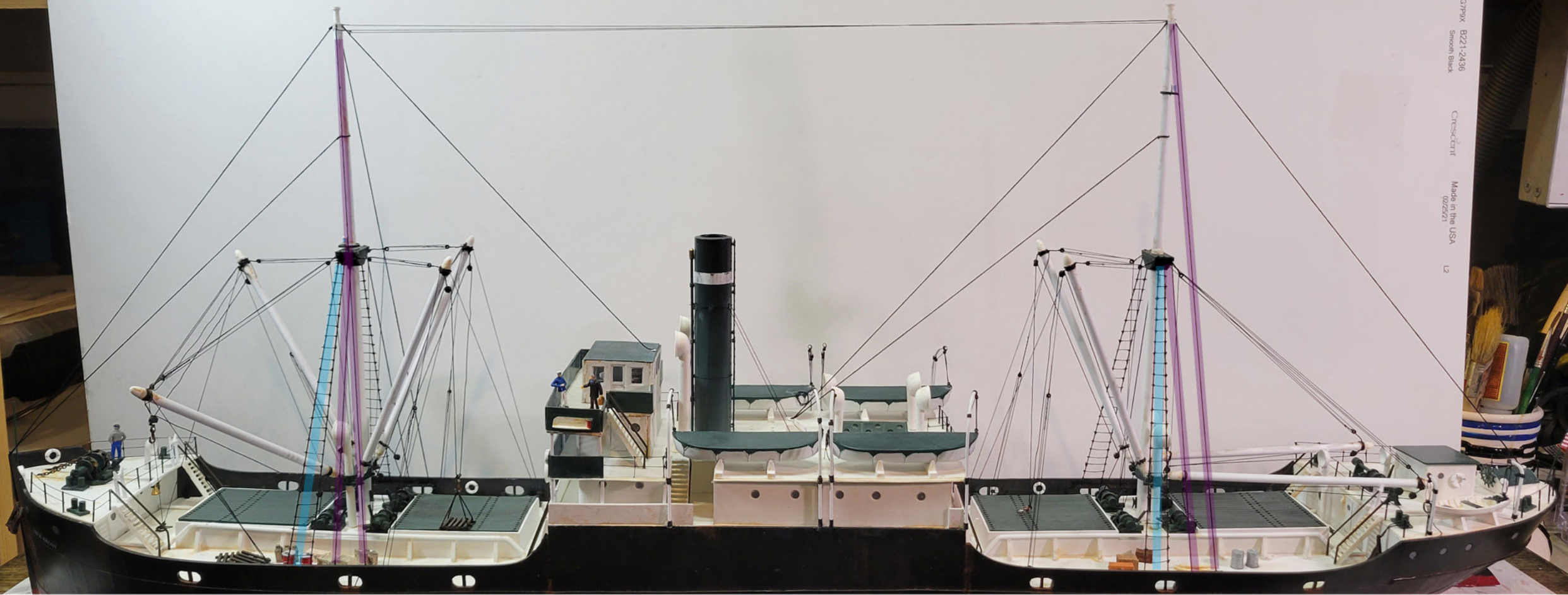


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Standing Rigging

Stays run fore and aft supporting the masts

Rat lines and **shrouds** support side to side

Booms are down and ready to go to sea

The **top lift** raises and lowers the boom

The **cargo lift** raises and lowers cargo and is driven by a winch



Booms are down and ready to go to sea

The **top lift** raises and lowers the boom

The **cargo lift** raises and lowers cargo and is driven by a winch



Booms are down and ready to go to sea

The **top lift** raises and lowers the boom

The **cargo lift** raises and lowers cargo and is driven by a winch



Booms are up and out of the way

The loose end of the **cargo lift** is called the **whip**

The **guy** and **preventer** swivel the boom side to side



Booms are up and out of the way

The loose end of the cargo lift is called the whip

The guy and preventer swivel the boom side to side



Booms are up and out of the way

The loose end of the cargo lift is called the whip

The guy and preventer swivel the boom side to side

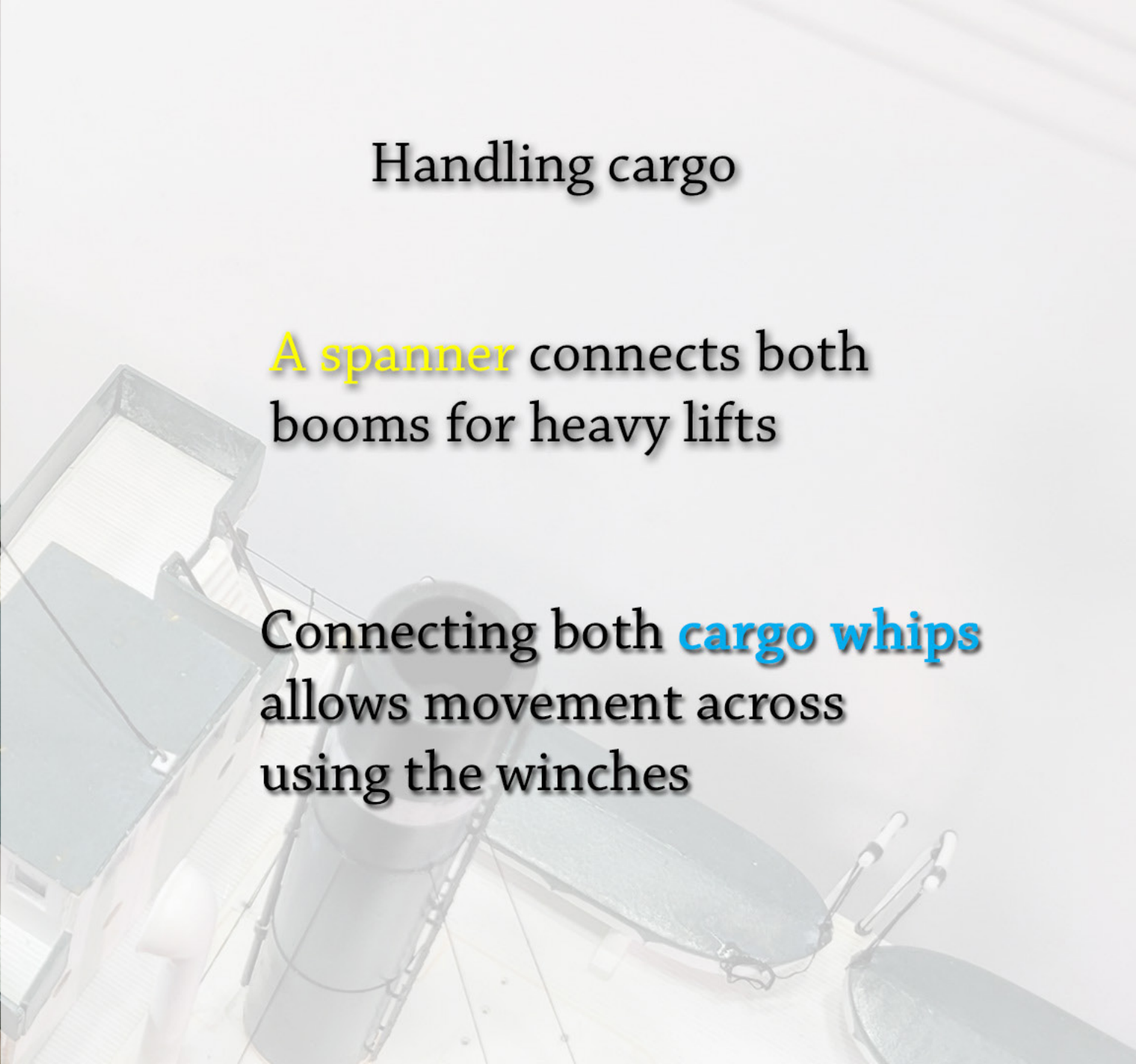




Handling cargo

A **spanner** connects both booms for heavy lifts

Connecting both **cargo whips** allows movement across using the winches

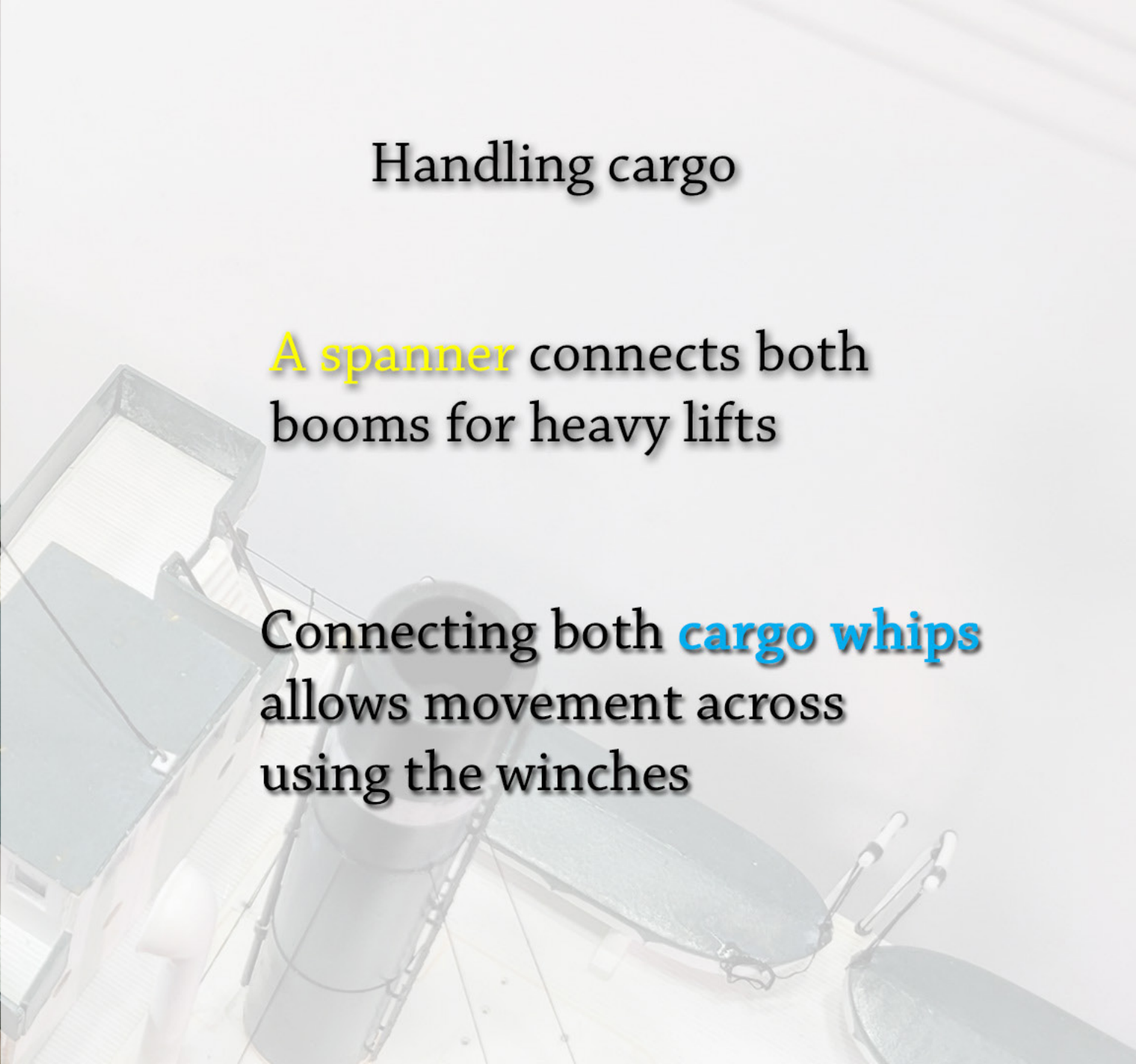


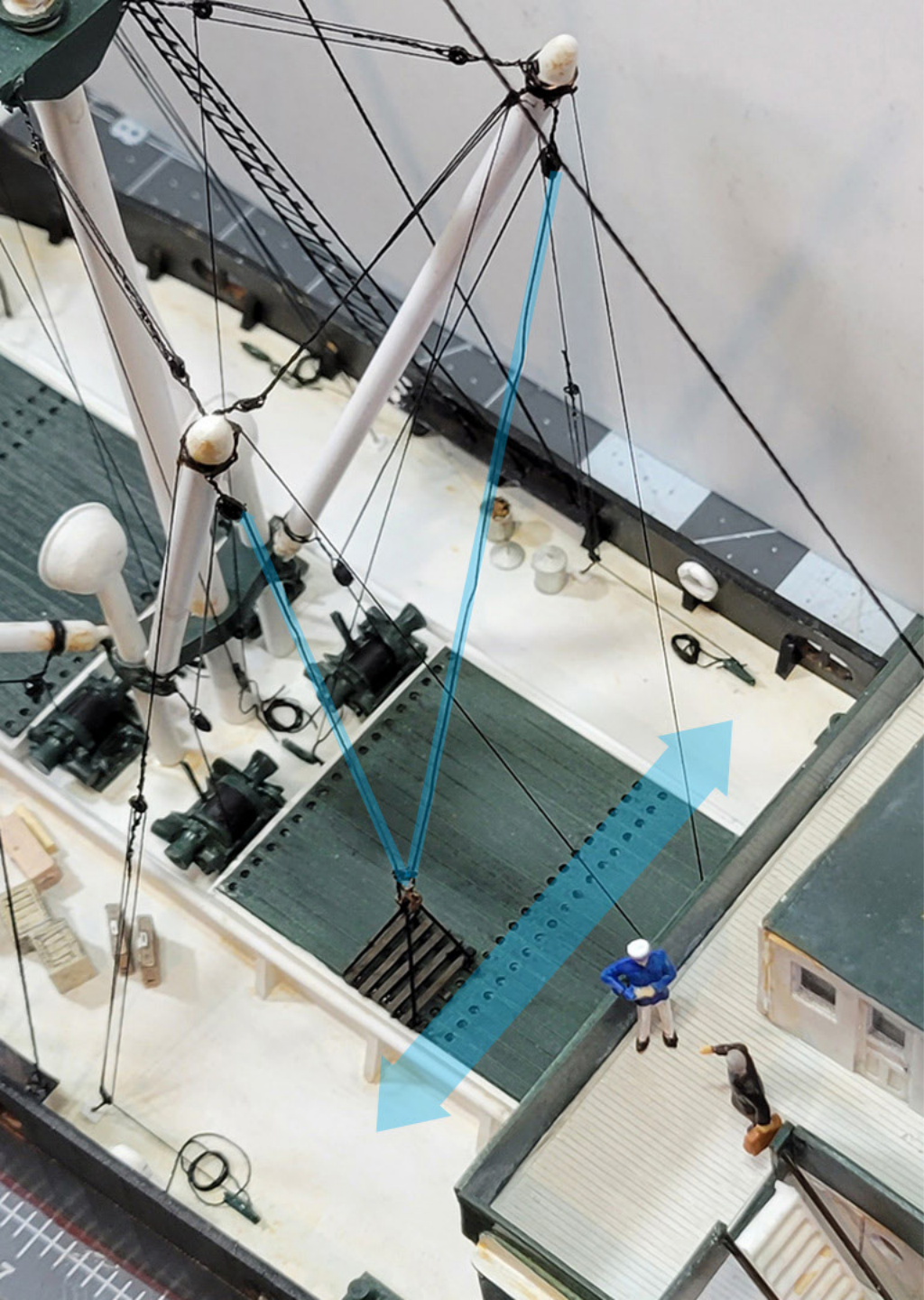


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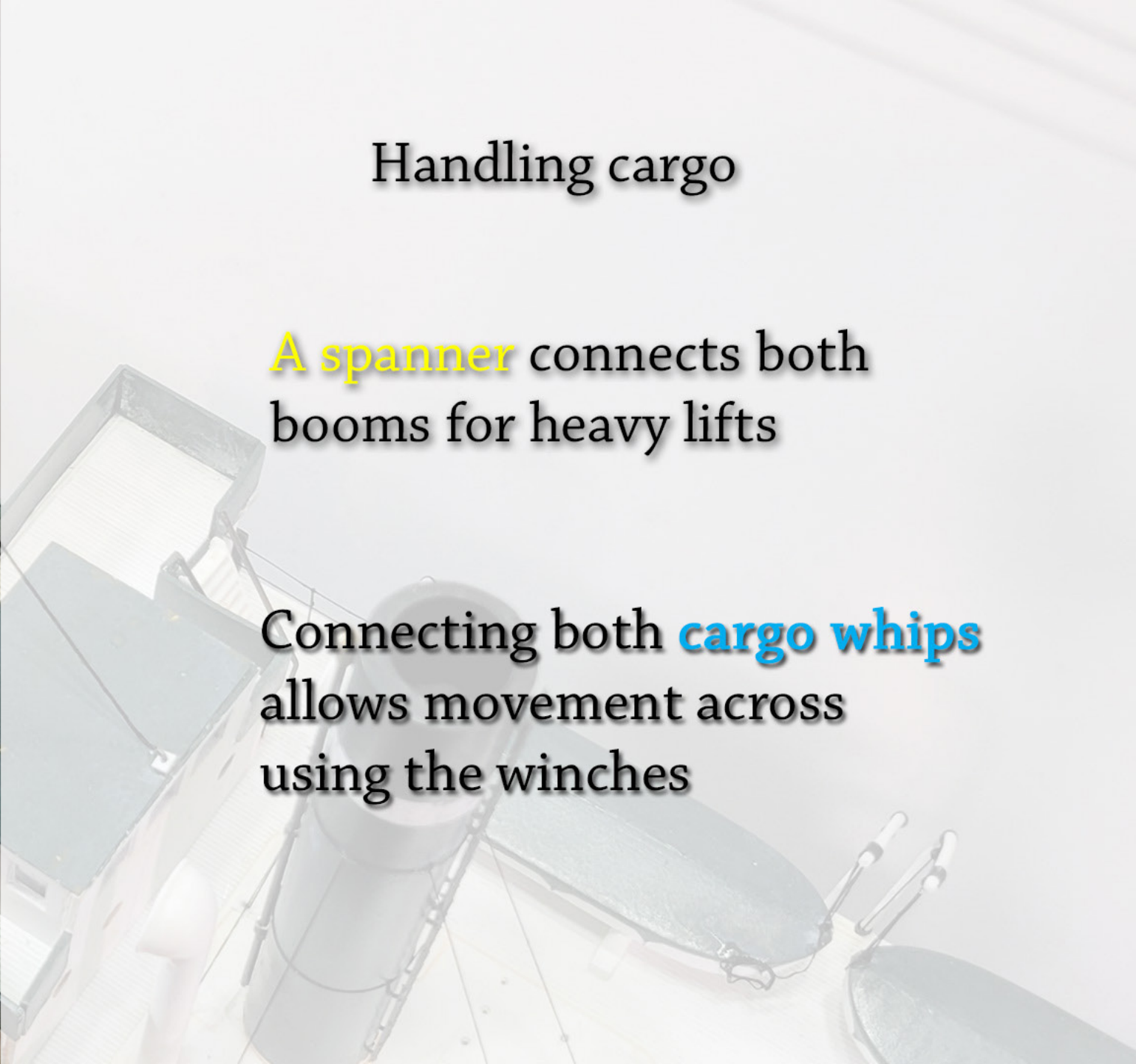




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Forward booms fully deployed
and rigged for loading cargo



JACK BRODY

Rons Marine Supply
FITTINGS REPAIRS STORAGE





Questions?

