

STEAM DEMI-BARK ANTELOPE

THE

A. S. Nautical Magazine,

AND

NAVAL JOURNAL.

MONTHLY.

VOL. III.

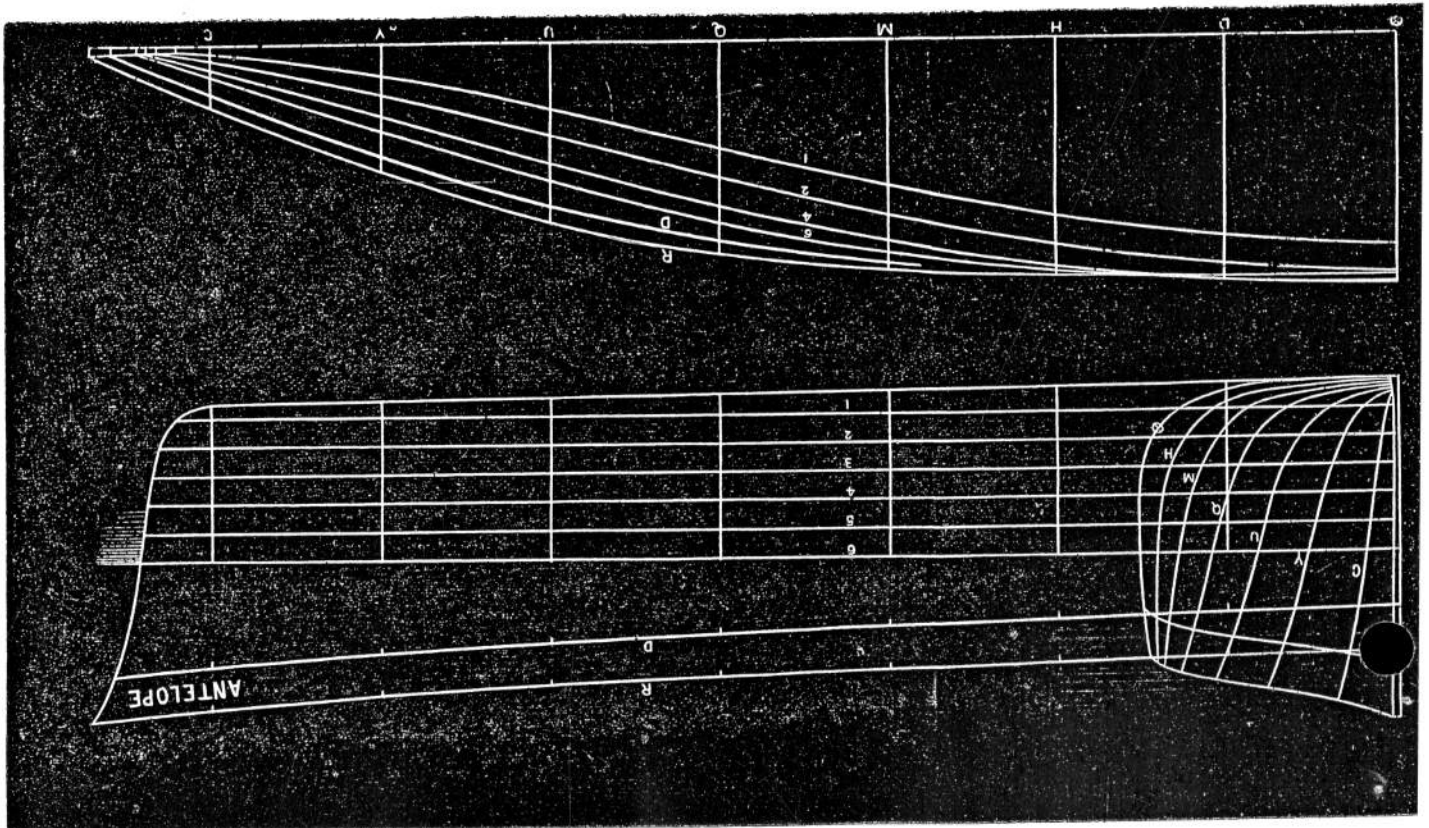
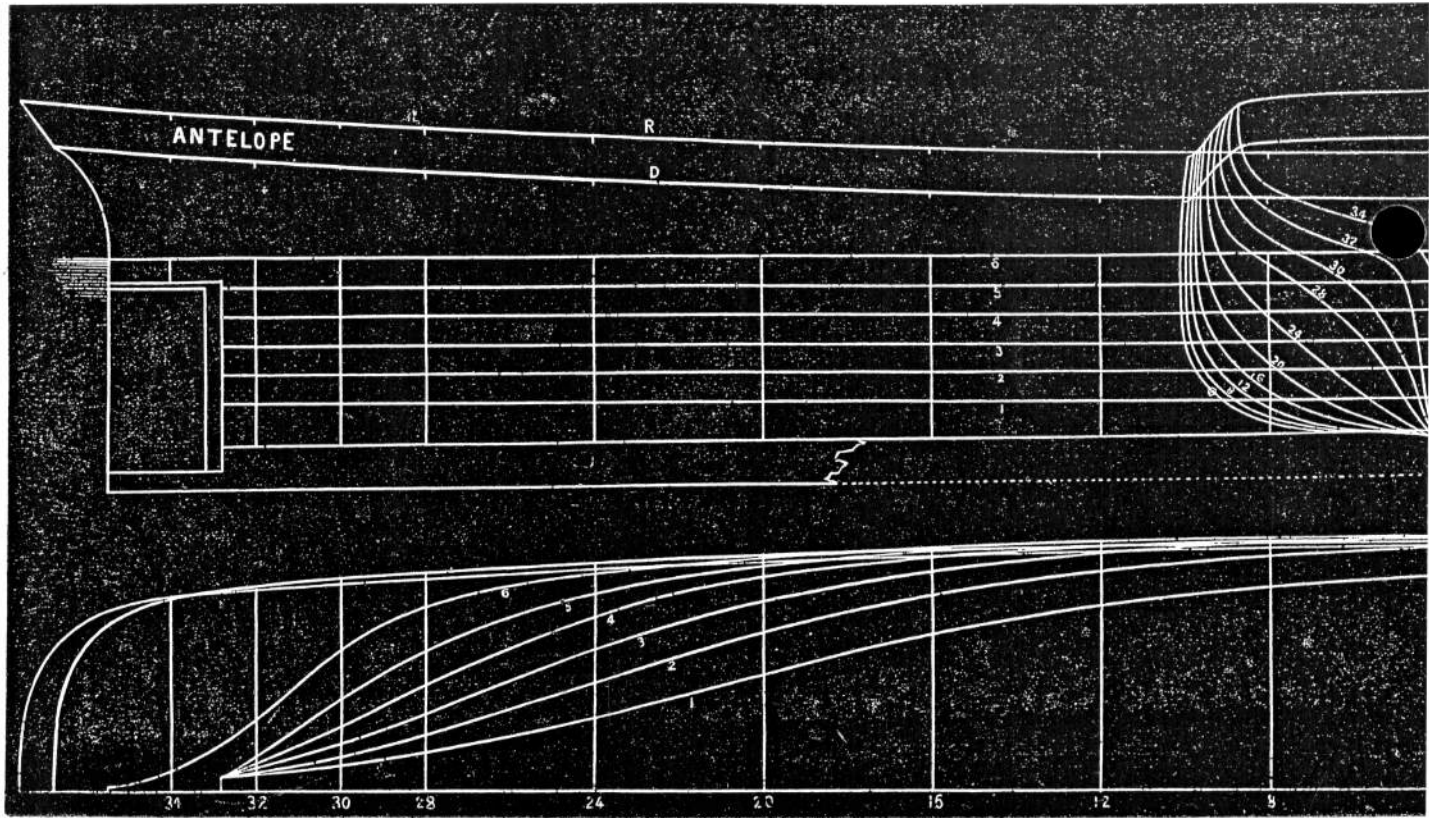
OCTOBER, 1855, TO MARCH, 1856.

NEW-YORK:

GRIFFITHS, BATES & CO.,

No. 4 BOWLING GREEN,

1856.



THE JAPAN AND CHINA PACKET PROPELLER ANTELOPE.

THE establishment of commercial relations with Japan, has furnished a new field for American enterprise in constructing vessels adapted to the trade between that and other countries. An original, and skilfully designed vessel, fitted out at a liberal expenditure, and embracing almost all the popular improvements of the day, has been built in East Boston, Mass., by Samuel Hall, for parties in China, for which she sailed on the 19th day of July last. This beautiful pioneer packet has been named the ANTELOPE; she registers 415 tons, and is well furnished with sail and steaming power.

The credit of her design and superintendence is due to Capt. R. B. Forbes, of Boston, and abundantly evinces his excellent taste and judgment in every point of utility, convenience, and facility which has been skilfully combined, to stamp the ANTELOPE as a production worthy of the nautical science of the age. And we would say, that although costing, in her construction, equipment, and experimental trials, more than \$50,000, not *one* dollar has been expended in superfluous glitter and ill-contrived ornaments, but nothing has been withheld, through a mistaken economy, that could properly and judiciously have been invested in making her *what she ought to be*.

She carries a small armament of an efficient description, as a defence against the pirates on the China coast, consisting of an 8-inch shell gun, of navy pattern, weighing 6,340 lbs., fitted on a slide carriage, to work in a large gangway port on either side. This gun would take a 64 pound shot, but is only provided with shells and hollow shot. On the bow she mounts a 32 pound shell gun, weighing 3,318 pounds, fitted expressly to pivot at the tail of the carriage; and on the quarter-deck is another gun of the same weight and calibre, pivoting in the same way. These guns and carriages were designed by Lieut. Dahlgreen, of the U. S. Navy, whose fame is well known for his boat guns and carriages. The cabin is also well stocked with small arms, which may be used to command the deck, through a port in the front of the cabin, in a case of invasion.

For her model, the ANTELOPE is jointly indebted to Mr. Samuel Hall, and S. H. Pook, of Boston, and is a fine specimen of their skill. We invite our readers to compare its points with those of other models of propellers, which we shall furnish in this volume of the Magazine. Through the kindness of Captain Forbes and Mr. Pook we have been furnished with the mould-loft tables of the ANTELOPE, from which the accompanying draught is drawn. Her dimensions are as follows:

Length on deck, 155 feet; on the keel, 147 feet; extreme breadth, $27\frac{1}{2}$ feet; depth of hold, $10\frac{1}{2}$ feet. Deadrise at half floors, 10 inches. In regard to her lines, Mr. Pook writes us as follows:—"The model was altered somewhat from the original design, being made *one* foot deeper, and ten feet longer,

