

day) April 5, which was christened WINDSOLITE, by Miss N. Heard, daughter of the Imperial Oil Ltd. British representative.

"The WINDSOLITE is a tanker of the single deck type, with poop and fore-castle, and expansion trunk over the range of oil compartments, built on the Isherwood combination system of framing, to Lloyd's highest class for carrying petroleum in bulk. The principal dimensions are: length b.p. (between perpendiculars), 250 ft.; breadth, moulded, 43 ft.; depth, 18 ft., and deadweight of 2,650 tons is carried on the load draft of 16 ft. 3 in. The multiple drilling system was a feature of the construction.

"Five main oil cargo tanks are arranged each side of the centre line, making 10 in all, the upper portion of each tank forming the expansion trunk. The pump-room is fitted forward and an oil fuel bunker with steam heating arrangement is fitted forward of the machinery space. Water ballast spaces are provided in the fore and after peaks and feed water in the double bottom underneath the machinery space. Steaming out and fire extinguishing apparatus is fitted to the oil cargo and fuel tanks.

"A cargo hold is fitted forward, served by a hatch with 1½ ton derrick. A powerful steam windlass is fitted on the fore-castle deck, together with an 8 x 8 in. mooring winch; a similar winch is also fitted aft and two on upper deck forward for mooring purposes. The steam steering gear is fitted aft, controlled by rods from the wheelhouse amidships and (from the emergency steering position on the) poop deck aft.

"Special attention has been paid to the accommodation; the captain and officers will be berthed in the deckhouse amidships, the engineers in the poop deckhouse, and the crew in the fore-castle, ample messroom and storeroom accommodation being provided. A refrigerated chamber is fitted aft for ship's use, and a complete electric light installation has been installed.

"The cargo pumping installation consists of two 16 x 14 x 24 in. horizontal duplex cargo pumps capable of dealing with different classes of oil at the same time, and one horizontal ballast pump, 10 x 8 x 12 in. The propelling machinery, located aft, consists of a set of triple expansion engines having cylinders of 17, 28 and 40 in., with 36 in. stroke. Steam is supplied by one multitubular marine type boiler, 16 ft. diameter by 11½ ft., at 180 lb. pressure."

In fact, WINDSOLITE's registered dimensions showed her to be 250.0 feet in length, 43.2 feet in the beam and 18.0 feet in depth, with tonnage of 1929.72 Gross, 1469.96 Under Deck and 1195.68 Net. Her Lloyd's Certificate of Class, No. 19856 issued 17th May, 1927, rated her "+100A1, carrying petroleum in bulk, for service on the Great Lakes". Her engine was built for her by the North Eastern Marine Engineering Company Ltd., of Newcastle, England. Our records, however, show that the bore of the low-pressure cylinder was 46 (not 40) inches, and we are certain that the "Canadian Railway and Marine World" report contained a misprint.

WINDSOLITE was a very handsome tanker, although as was typical of most canallers built during the mass-production years of the late 1920s and early 1930s, she did not have the sheer of deck nor rake of spar that her predecessors had sported. She had a full fore-castle (with just a bit of sheer forward and also at the poop), and a straight stem, with a closed rail at the forward end of the fore-castle head. There was a full raised quarterdeck aft, over a heavy but rather pretty counter stern. The fore-castle and quarterdeck were joined by the expansion trunk, which had catwalks running down either side around the hatches over the cargo tanks. Removable wire rails ran down the sides of the trunk and around the fantail, and also down the sides of the "welldecks" on either side of the trunk.

WINDSOLITE carried her anchors in large anchor-pockets set into the fore-castle not far abaft the stem. A wooden rubrail ran down each side of the hull, from just abaft the anchor-pocket to just behind the break of the fore-castle, to help protect against damage to the plating when the ship was