

The PREUSSEN is known as the largest sailing vessel in the world and was built by Johan C. Tecklenburg, A.G. at Gestemunde, Ger. German steel was used throughout, the dimensions are as follows, length over all 133.5 meters, beam amidships 16.4 meters, depth from keel to main deck amidships 10.25 meters, displacement loaded, mean depth of 8.23 meters, 11150 tons, net tonnage at same depth, 8000 tons. The double bottoms have a capacity of 550 tons and are used for carrying fresh water, they are arranged in a longitudinal manner, enabling the vessel to be completely unloaded without using other ballast. Water can be transferred by means of two steam pumps operated from two boilers located in a house on deck, boilers also furnish power for deck winches, steering gear and anchor windlass. The rigging is that of a five mast full rigged vessel, with double top-sails, double gallant sails, all masts, yards and bow sprit are made of steel. All labor saving devices known to facilitate handling of sails have been installed. The topsails and gallant yards are equipped with power windlass for hoisting, and brace winches are used throughout, the sheets of the sails can be handled by steam power or by hand. The standing rigging is of the best WestPhallian steel wire, the running gear of hemp and flexible wire. All blocks are of Ash or iron construction and are fitted with Lignum Vitae or galvanized iron and are self-lubricating. The sails are of Flax and cotton canvas and consist of 43 sails, a total of 5560 square yards. The Flag Truck of the main mast is 68 meters above the keel. Length of lower yard 31.2 meters, Royal Yards, 16 meters, greatest diameter of mast 900 millimeters, lower yard 640 millimeters and Bow Sprit 920 millimeters. Total length of standing rigging (wire) 10800 meters, running rigging (wire) 13230 meters, running rigging (hemp) 17260 meters, reserve 3050 meters, total length of rigging, over forty five kilometers besides 700 meters of chain, 248 turnbuckles and 1260 blocks. Six anchors of 4000 kilograms for which 650 meters of chain of 65 millimeters diameter and which weigh 66 tons are used.

Results of the trip, first voyage, 1902, departed Gestemunde 31 July, passing Star Point 4 August, arriving Iquique, Chile, 8 October, total number of days out; 65.

Second voyage, 1903, departed Hamburg 16 February, passing Quessant 5 March, arriving Iquique, Chile 1 May, total number of days out 57.

Third voyage, 1903, departed Hamburg 20 August, passing Scilly 26 August, arriving Tocopilla 6 November, total number of days out 72.

Return of first voyage, 1902, departed Iquique 24 October, passing Scilly, 11 January, arriving Cuxhaven 20 January, total number of days out 79.

Second voyage, return trip, 1903, departed Iquique 14 May, passing Lizard 21 July, arriving in Cuxhaven 25 July, total number of days out 68.

Third voyage, return trip 1903-4, departed Tocopilla 19 November, passing Lizard 1 February, arriving Cuxhaven 4 February, total number of days out 74.

