

Steam Trawler "TAIAROA".MAIN ENGINES and BOILER PARTICULARS SHEET:MAIN ENGINES. Inverted Triple Expansion Surface Condensing.

Diameter of Cylinders: 12½", 21", 35"

Stroke: 26" ; Indicated Horsepower: 480

When & where constructed: 1943, Hutt Workshops.

Makers' Name: N.Z. Railways.

MAIN BOILER:

Description: Scotch Marine Type.

Maker's Name: Adamson. Made: 1943.

Working Pressure: 180 lbs/sq. in.

Internal Diameter: 13'-6"

Mean Length: 10' -6"

Number of furnaces: 3 plain.

Diameter of furnaces: 3' -4½"

Internal diameter plain tubes: 3½"

Heating Surface: 1600 sq. ft.

AUXILIARY MACHINERY PARTICULARS SHEET:ENGINE ROOM:

One Sunderland Forge Single cylinder vertical engine No. G563 direct coupled at a 110 volt 136.5 amp. (15 K.W.) Sunderland Forge Generator.

One Drysdale Single cylinder vertical engine No. 47905 direct coupled to a Drysdale centrifugal circulating pump.

One vertical Carruthers duplex auxiliary feed pump No. 9928.

One horizontal " " general service pump.

OIL FUEL PLANT (STOKEHOLD): Two horizontal Tangye duplex pumps Nos. 31997 & 31998 - Bore 3" and 1½" - Stroke 3".

One horizontal Worthington duplex transfer pump - Bore 5⅜" & 2½" - Stroke 5".

DECK:

One 2 cylinder Stevenson & Cook Engineering Coy. steam trawl winch.

One 2 cylinder Emerson & Walker steam windlass No. 64103.

One 2 cylinder Donkin Patent steam steering engine.

One 4 ton Stern ammonia compressor vee belt driven by a 10 H.P. electric motor.

Installed in space on port side under forecastle head.

Signed:- W. Richard Smith.

Engineer Surveyor to Lloyd's Register of Shipping.

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