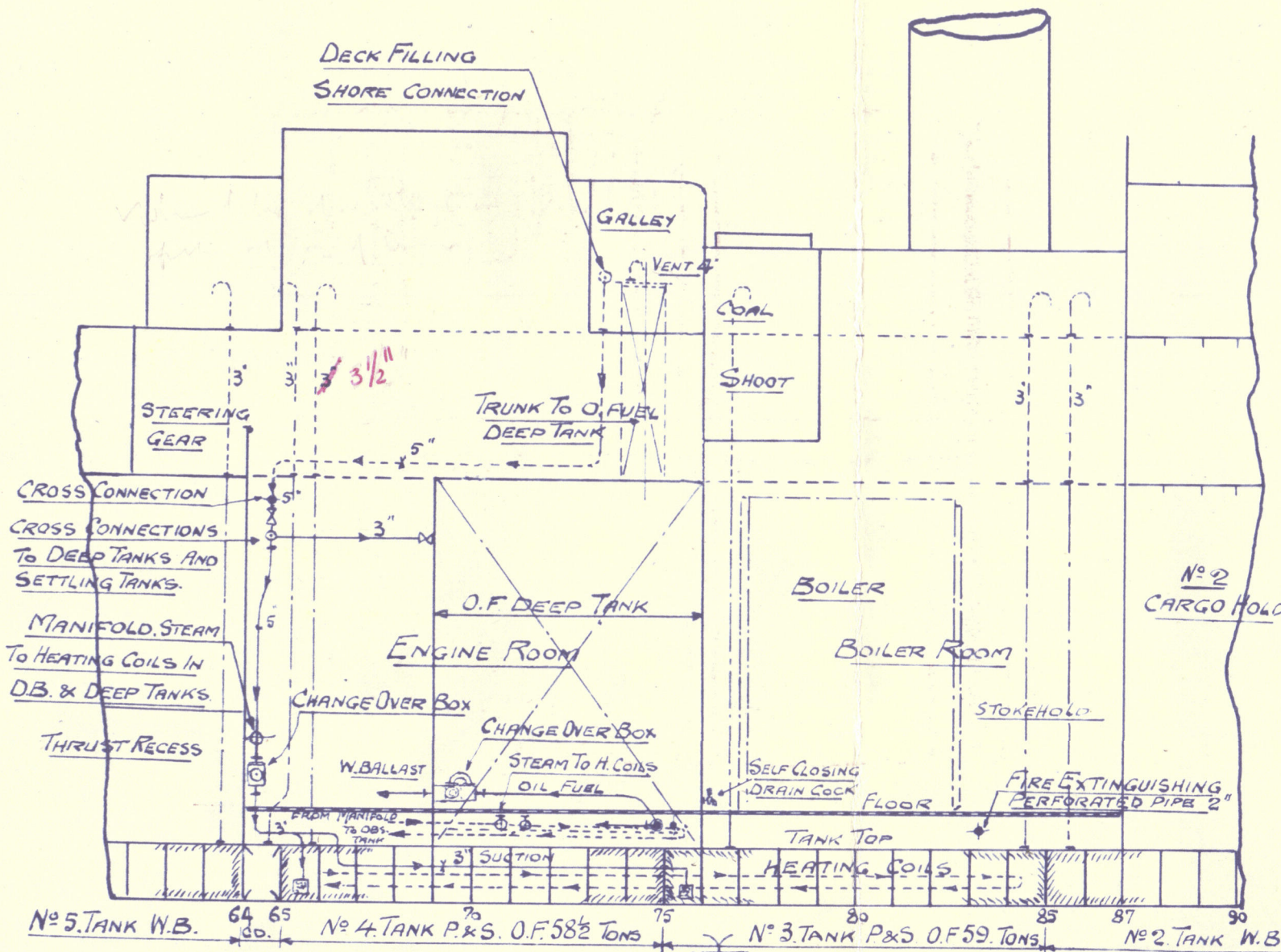
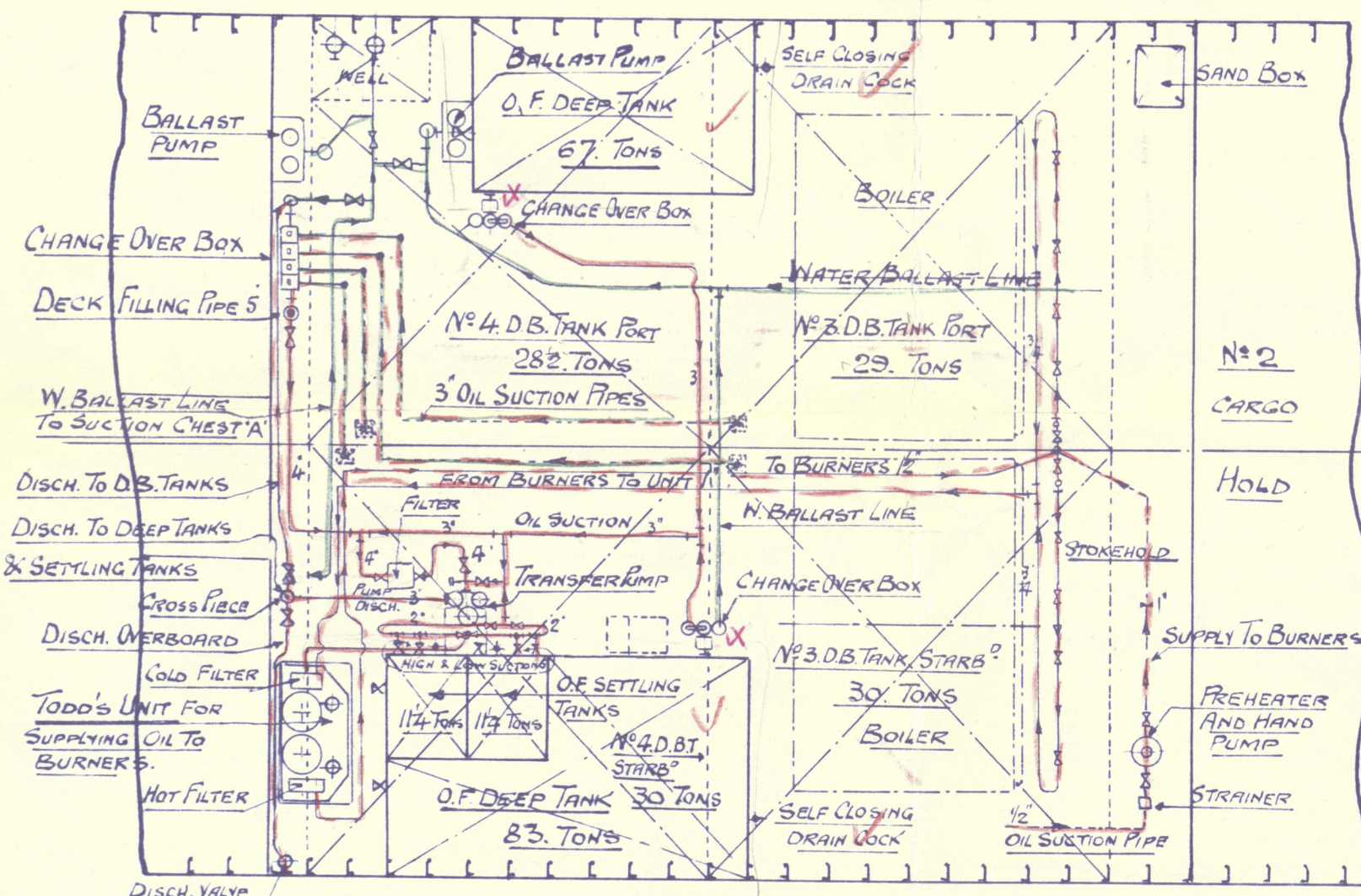


Falling connections to least top of tank or valves to be of N.R. type

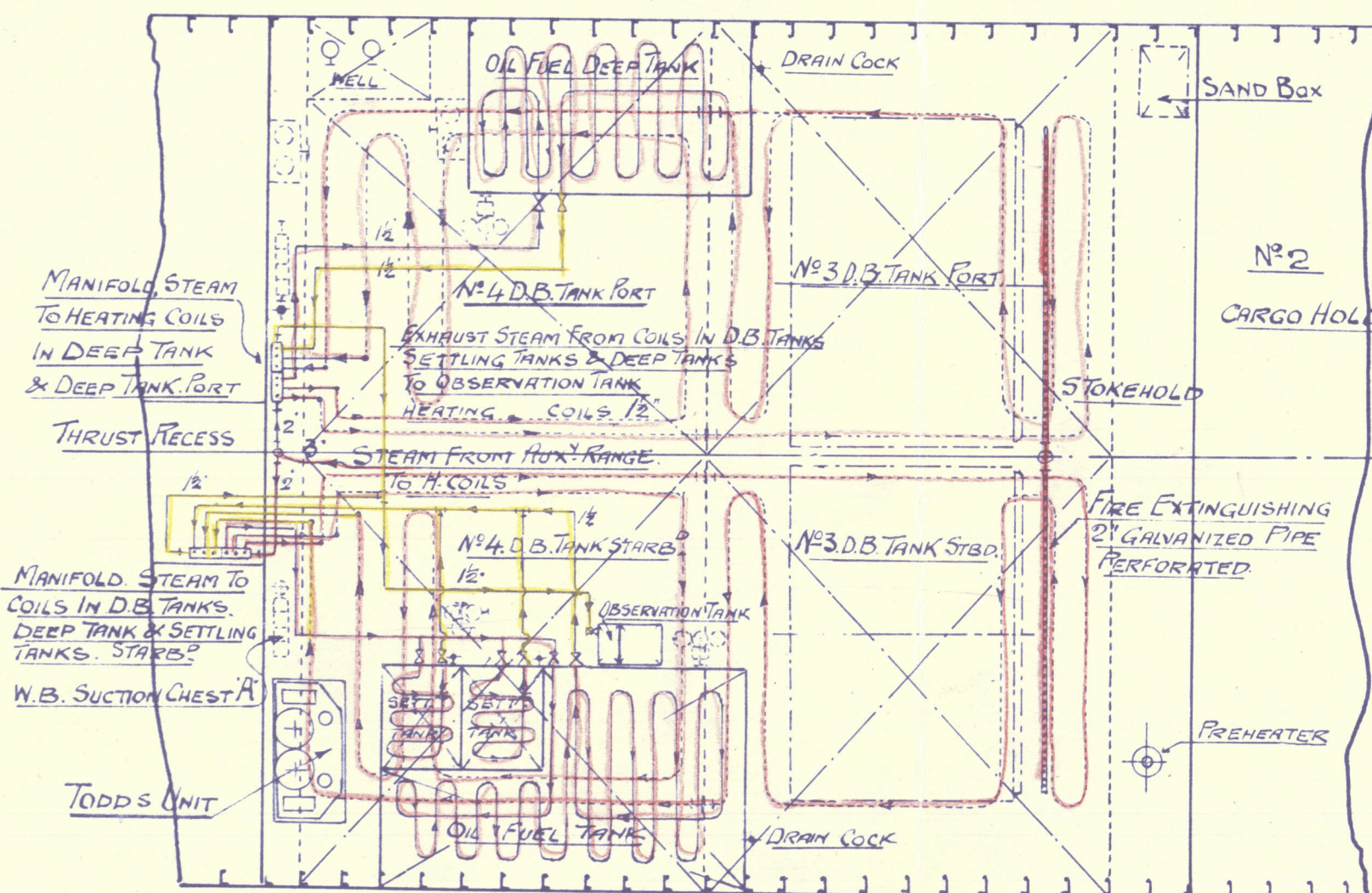
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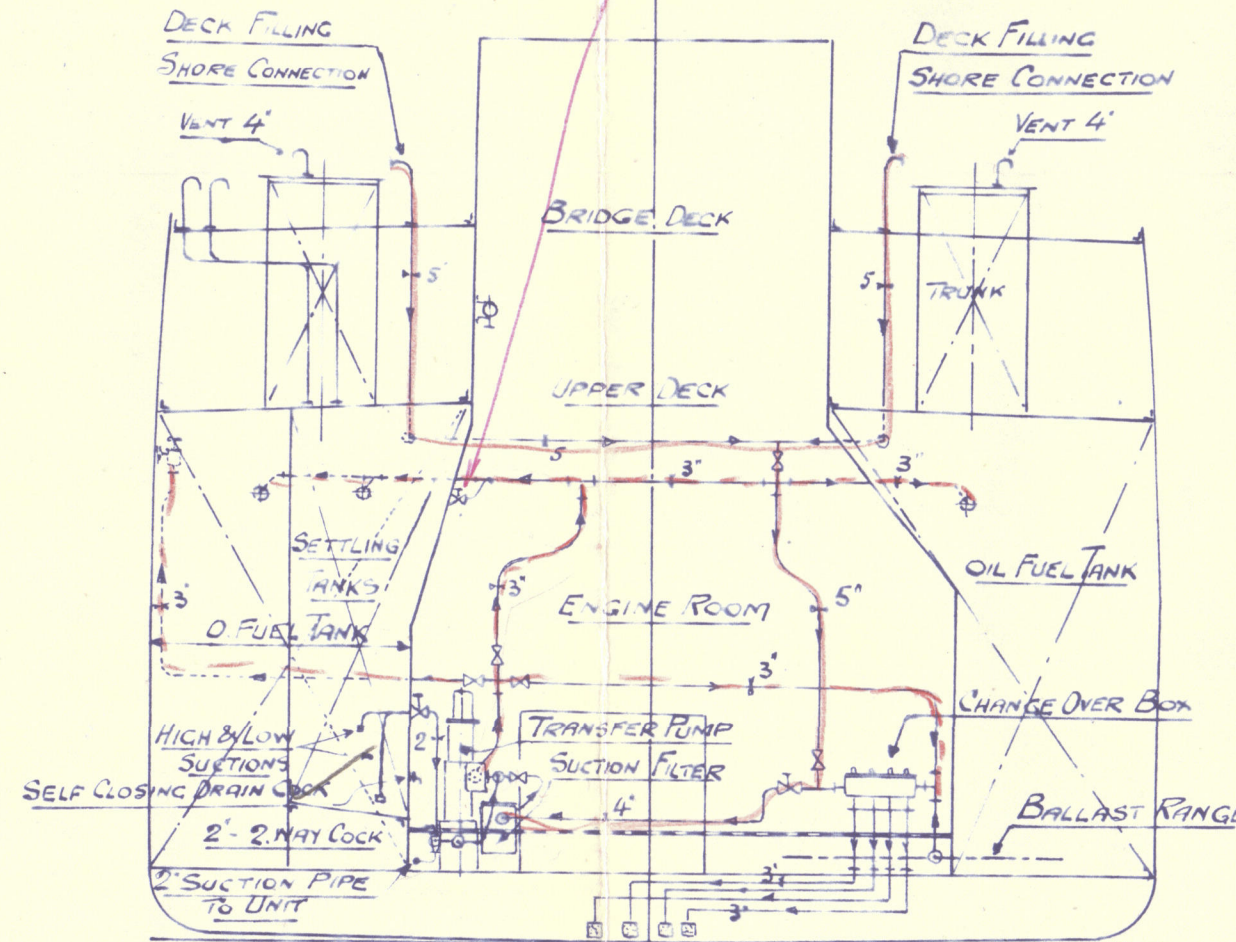
LONGITUDINAL SECTION LOOKING TO PORT



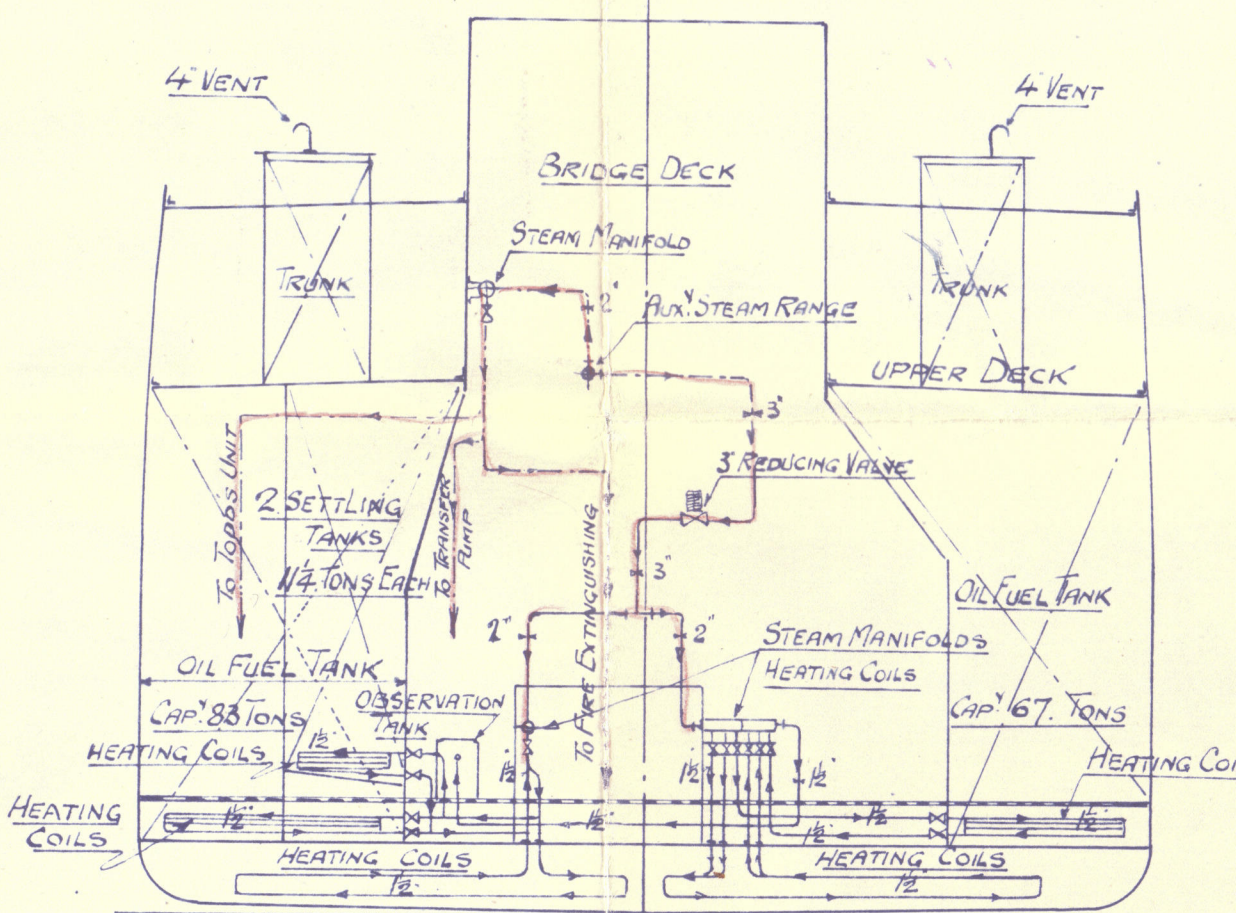
PLAN - OIL FUEL CONNECTIONS



PLAN - STEAM CONNECTIONS

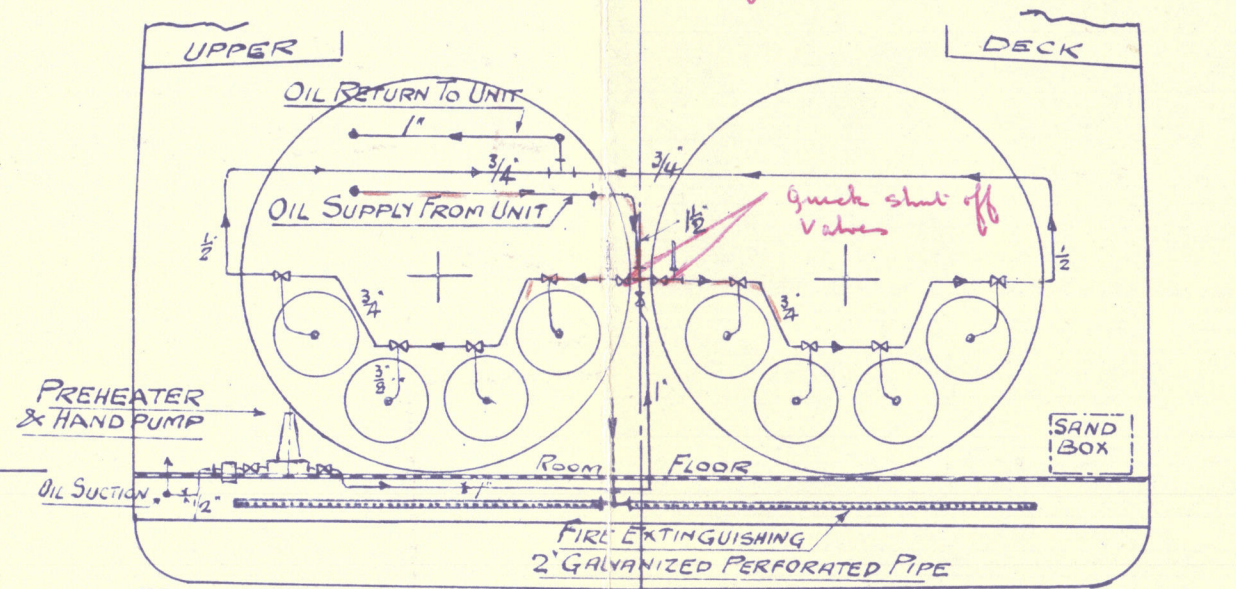


SECTION THRO. ENGINE ROOM LOOKING AFT
OIL FUEL CONNECTIONS



SECTION THRO. ENG. ROOM LOOKING AFT
STEAM CONNECTIONS

Steam to transfer pump, unit pressure pumps and fire extinguishing to be controlled from deck

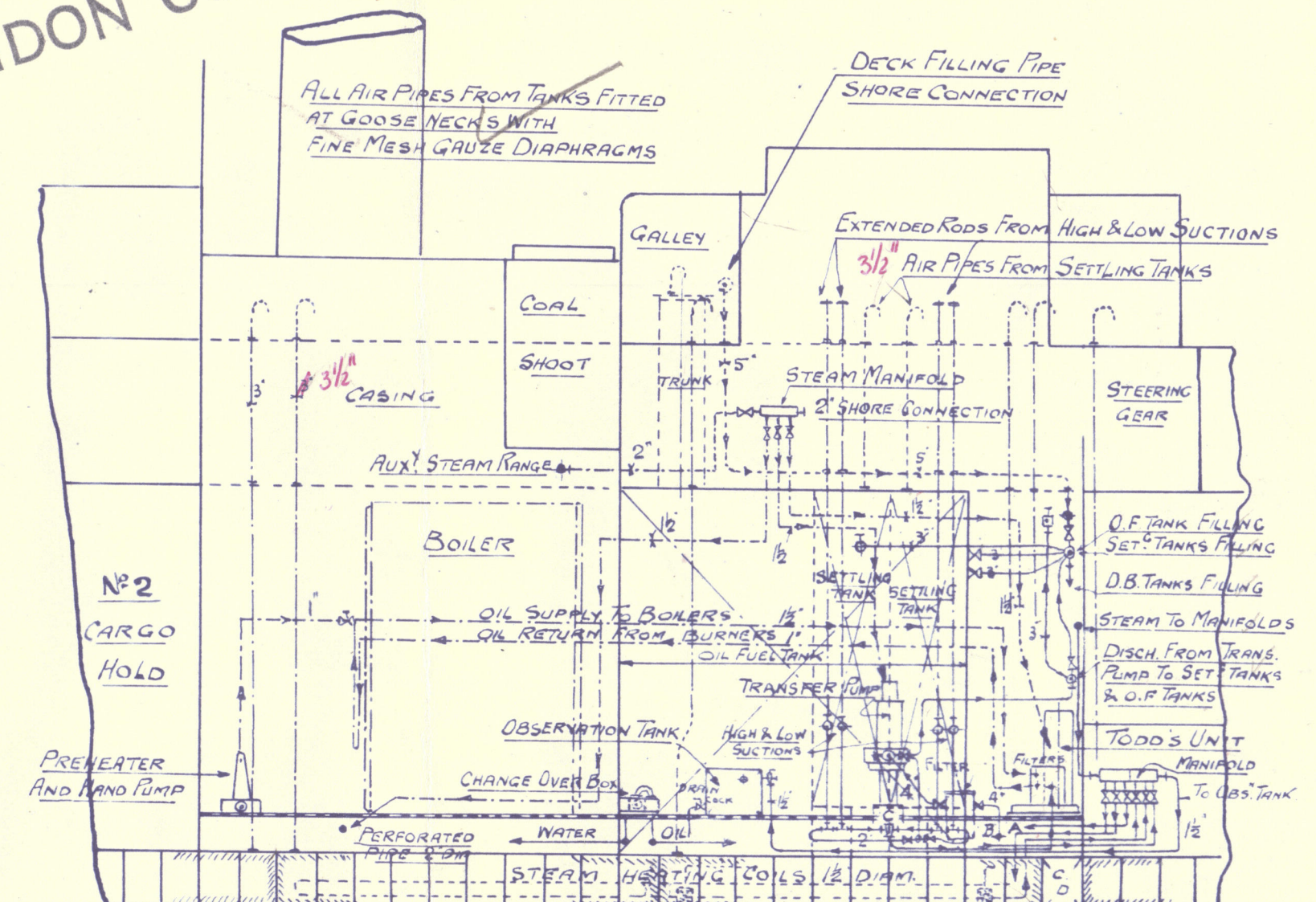


SECTION LOOKING AFT ON FRONT OF BOILERS

OIL FUEL CONNECTIONS

Pumps used for boiler feeding purposes not to be connected to bridge or dirty ballast lines. If feed water tanks are connected to dirty ballast line the ballast suction valves to be of S.D.N.R. type or preferably connection to be removed.
NOTE: ALL PIPES ETC. SHOWN DIAGRAMMATICALLY

Funnel damper to be removed.



LONGITUDINAL SECTION LOOKING TO STARBOARD

OIL FUEL TANKS	
No. 3 D.B. BOTTOM TANKS	59 TONS
No. 4 " "	58 1/2 "
DEEP TANK PORT	67 "
" " STARBOARD	83 "
2 SETTLING TANKS	20 1/2 "
TOTAL	290 TONS

HEATING COILS 1 1/2 BORE 1 3/8 EXT. DIAM.	
4 D.B. BOTTOM TANKS TOTAL LENGTH	400'-0" = 122.0 METRES
DEEP TANK PORT	97'-0" = 29.6 "
" " STARBOARD	130'-0" = 39.6 "
2 SETTLING TANKS	40'-0" = 12.2 "
TOTAL	667'-0" = 203.4 METRES

Provision to be made for sounding all oil fuel tanks

PARTICULARS

THE POSITION OF PUMPS, FITTINGS, VALVES ETC. TO BE ARRANGED ON SHIP. ALL PIPES TO BE ARRANGED IN PLACE & ENOUGH CLEARANCE LEFT IN WAY OF MAN HOLES ON TANK TOPS. ALL PIPES FROM HEATERS TO BURNERS. STEAM & EXHAUST PIPES TO BE COVERED OVER WITH M.S.B.E. OR CORD.
BOILER ROOM TO BE PROVIDED WITH SAND BOX OF CAPACITY 27 CUBIC FEET.
" " TO HAVE OIL DRAIN TRAYS UNDER THE FRONT OF EACH FURNACE.
" " TO HAVE 3-2 GALLON FIRE EXTINGUISHERS + 1 10 gallon.
" " TO HAVE WATER SERVICE PIPE 2 1/2" DIAM. WITH HOSE CONNECTIONS and 2 spray and 2 jet or 2 spray jet nozzle.
" " TO HAVE PERFORATED STEAM PIPES 2" DIAM. TO BE FITTED UNDER FRONT ENDS OF BOILERS AND TODD'S UNIT.
SUCTION PIPES: TRANSFER Suction & LOW PRESSURE PIPES TO BE OF STEEL FLANGED JOINTS FOR A PRESSURE OF 100 LBS. PER SQ. INCH. FLANGES TO BE MACHINED AND THE JOINTING MATERIAL IMPERVIOUS TO OIL. WHEN COMPLETED TO BE TESTED TO 50 LBS. PER " TO THE SATISFACTION OF SURVEYOR.
STEAM PIPES: HEATING COILS IN D.B. & SETTLING TANKS 1 1/2" INT. DIAM. STEEL PIPES (SEAMLESS) WITH MACHINED FLANGES & JOINTING IMPERVIOUS TO OIL W.P. 200 LBS. " AND TESTED TO 400 LBS. "
HOT OIL PIPES: TO BE OF STEEL (SEAMLESS) SUITABLE FOR 200 LBS. " WORKING PRESSURE. FLANGES TO BE MACHINED & JOINTING IMPERVIOUS TO OIL IS TO BE OF THE THINNESS POSSIBLE SO THAT THE FLANGES ARE NEARLY METAL TO METAL. PIPES, HEATERS & FITTINGS AFTER JOINTING TO BE TESTED TO 400 LBS. "
2 PORTABLE FORM EXTINGUISHERS TO BE PROVIDED IN BOILER RM. & ONE (1) AT UNIT.
BILGE & SUCTION PIPES IN ENGINE & BOILER ROOMS IF MADE OF LEAD ARE TO BE REMOVED AND REPLACED BY STEEL PIPES TO ACCOMPANY. REPORT No. 6963.

NOTE: ALL PIPES ETC. ARE SHOWN DIAGRAMMATICALLY. DATED 17.11.1955

Observation tanks to be fitted with drain to bilge

one of unit pressure pumps to be arranged as stand by transfer pump.

Gutterway to be provided round oil fuel deep tanks with provision for drainage

x Deep tank outlet valves to be controlled from deck.

S.S. KYRIAKOULA Ex. S.S. 'ZELO'

OIL FUEL INSTALLATION

SCALE 1/8" = 1 FOOT

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LENGTH B.P. 308'-0"
BREADTH (MID.) 42'-9"
DEPTH (MID.) 22'-0"

IRAEUS. SEPT. 1955
The remaining requirements of the Rules for Fire Extinguishing Arrangements to be complied with so far as they are applicable.

The remaining requirements of the Rules for Pumping and Piping to be complied with so far as they are applicable.

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