



- OIL FUEL PLANT OWNERS SUPPLY
- ONE OFF: OIL FUEL TRANSFER PUMP: MAKERS: G & J. WEAVER.
  - TWO OFF: PUMPING & HEATING UNITS: " WALLBEND & S. CO. LTD.
  - ONE OFF: LIGHTING-UP UNIT. " " " "
  - ONE OFF: OILY WATER SEPARATOR " VICTOR SEPARATOR.

# OIL FUEL TANK CAPACITIES, ETC.

TANK	POSITION	PORT	STAR <sup>BD</sup>	TOTAL	HEATING COIL SURFACE IN SQ FT	
					PORT TANK	STAR <sup>BD</sup> TANK
P&S. SETTLING TANK.	BLR. RM. WING	15 TONS	15 TONS	30 TONS	1500	1500
P&S. X BUNKER DEEP TANK.	FR. N° 85-95,	435 "	435 "	870 "	1500	1500
P&S. N° 3A C.D.B. TANK	FR. N° 83-95	65 "	65 "	130 "	1500	1500
GROSS TOTAL				1030 TONS @ 40 CU FT / TON		

ts of Section 20

The remaining requirements of Section 20 of the Rules 1946-7 to be complied with so far as they are applicable.

- NOTES:- S.S. "LANGTON GRANGE" - OIL FUEL CONVERSION - LLOYDS SURVEY.
- ALL STEAM PIPE JOINTS ARE TO BE MADE OF HIGH PRESSURE JOINTING.
  - ALL STEAM PIPES TO BE LAGGED WITH ASBESTOS & CANVAS.
  - STEAM HEATING COILS TO BE FITTED TO ALL OIL FUEL TANKS.
  - STEAM HEATING COILS TO BE WATER TESTED TO 140 LBS/SQ. IN.
  - 1/2 BORE S.D.N.R. STEAMING OUT VALVES FITTED TO ALL OIL FUEL TANKS.
  - 2 OFF 1/2 BORE FLEXIBLE STEEL HOSES SUITABLE FOR 220 LBS/SQ. IN STEAM SUPPLIED FOR CONNECTING TO TANK AND STEAMING OUT VALVE.
  - OBSERVATION TANK TO BE FITTED TO TAKE ALL O.F. HEATING DRAINS.
  - FITTED WITH SWITCH COCK. POSITION TO BE ARRANGED AT SHIP.
  - ARRANGEMENTS RE FIRE:-
  - MASTER CONTROL VALVES FOR STEAM TO FIRE EXTINGUISHING & O.F. PUMPING & HEATING UNIT TO BE OPERABLE FROM OUTSIDE MACHINERY SPACES.
  - STEAM SMOTHERING FIRE EXTINGUISHING PERFORATED PIPES TO BE FITTED UNDER BOILER FURNACES, ALONG OIL GUTTER IN WAY OF O.F. SETTLING & X BUNKER DEEP TANKS & ALSO OIL BURNING UNITS.
  - OIL FUEL DRIP TRAYS TO BE FITTED UNDER PUMPING & HEATING UNIT.
  - TRANSFER PUMP, SUCTION & DISCHARGE STRAINERS, & OIL FUEL BURNERS, ETC.
  - TWO SAND BOXES, WITH SCOOPS CAPACITY 5 CU. FT. EACH FITTED IN BOILER ROOM.
  - PORTABLE FIRE EXTINGUISHERS (2 GALLONS EACH) 2 OFF IN ENGINE ROOM & 7 OFF IN BOILER ROOM. (POSITIONS ARRANGED AT SHIP)
  - VALVE WITH HOSE CONNECTION FITTED TO EACH SIDE OF ENGINE ROOM.
  - 2 OFF: 30'-0" CANVAS HOSES 2 1/2 BORE SUITABLE CONNECTIONS SUPPLIED WITH ONE ORDINARY AND ONE FAN-TAIL DIRECTOR.
  - FLASH POINT OF OIL FUEL MUST NOT BE LESS THAN 150° FAH.



S.S. "LANGTON GRANGE"

DIAGRAM OF STEAM HEATING & FIRE EXTINGUISHING, ETC.

DIAGRAM N° 2.

LONDON COPY.

APPROVED  
LLOYD'S REGISTER OF SHIPPING  
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Langton. Grance, v  
"Quin Graham Grange."

diag. of steam heating & fire  
extinguishing etc.

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pls. ~~73~~



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