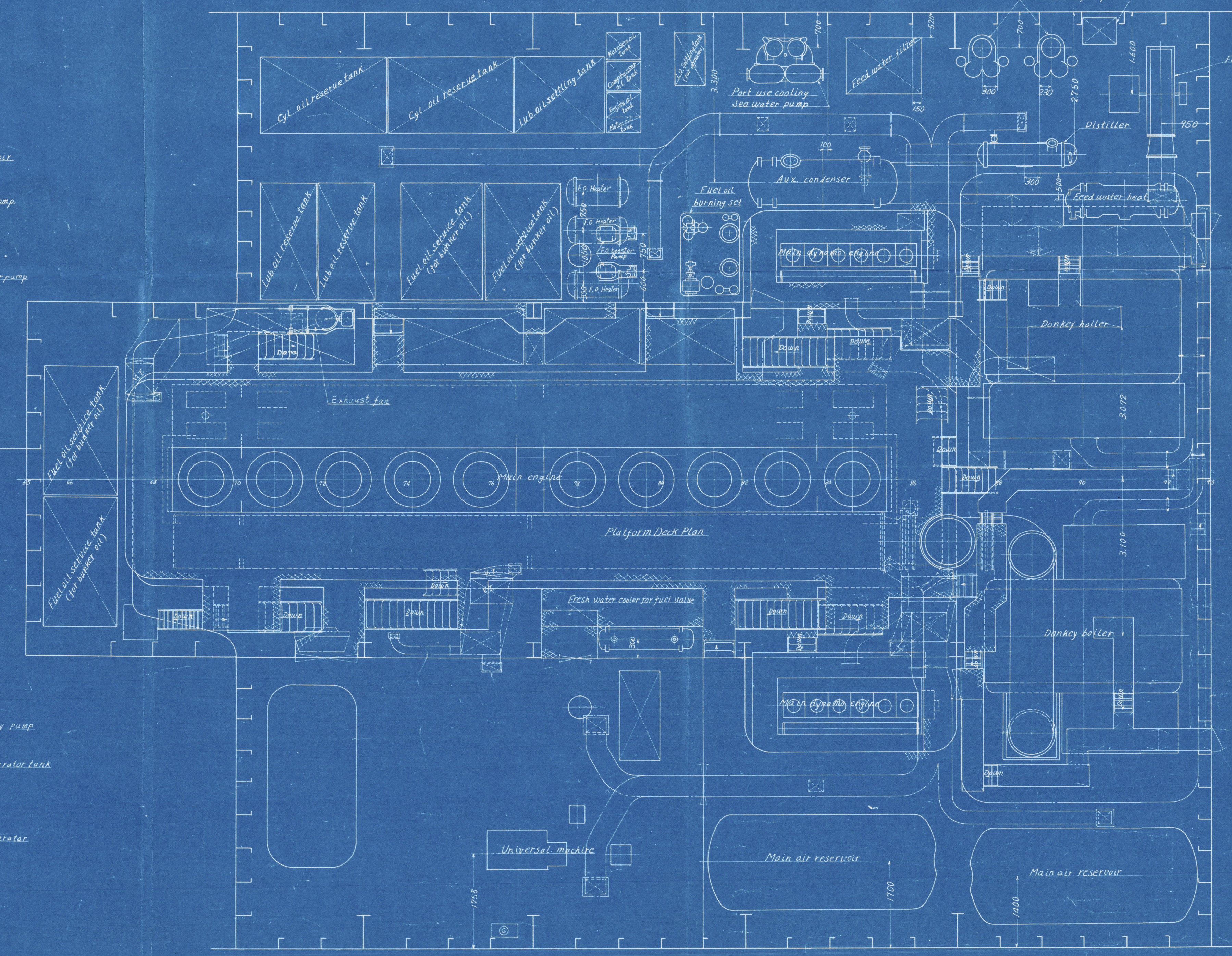
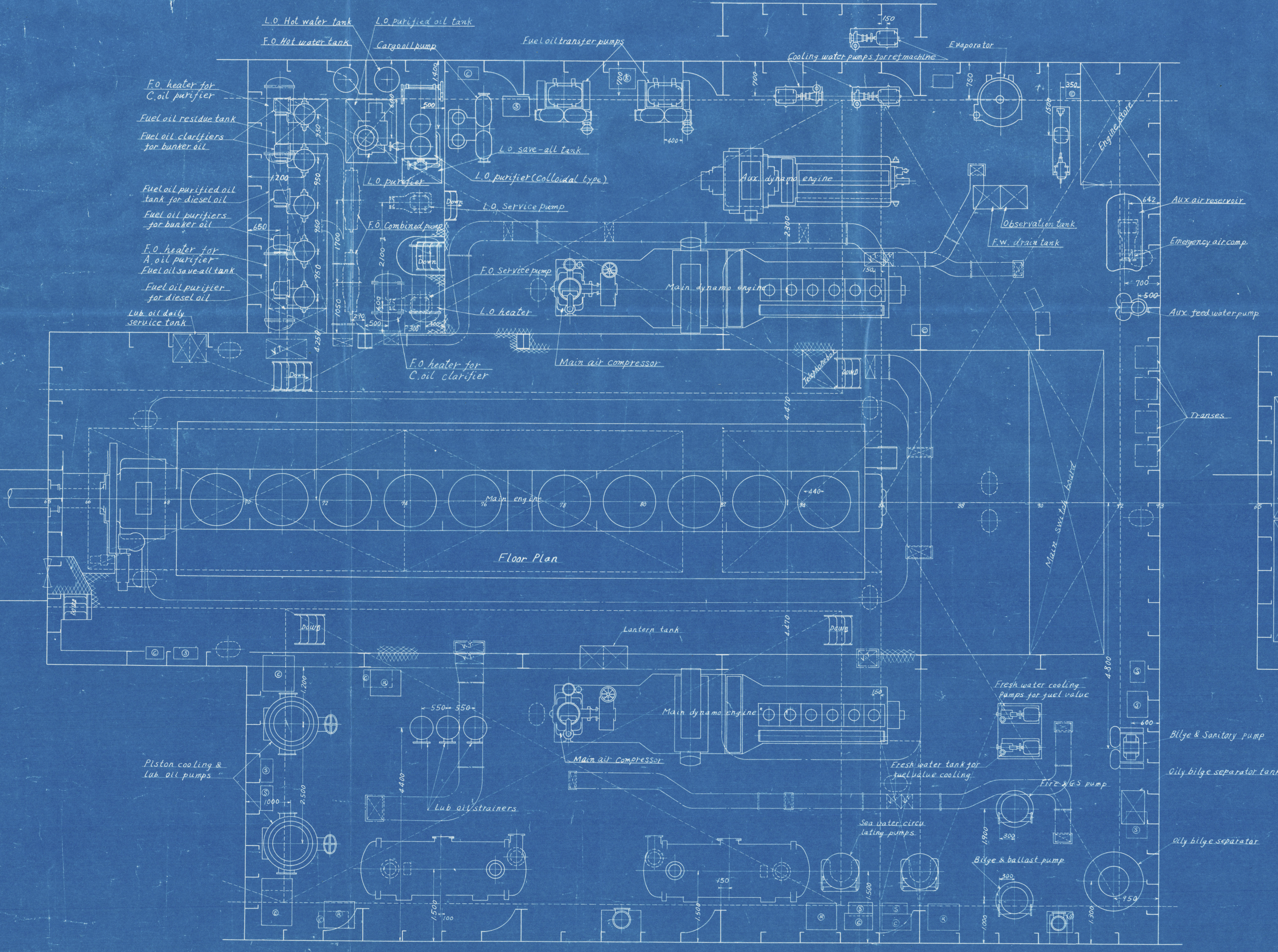
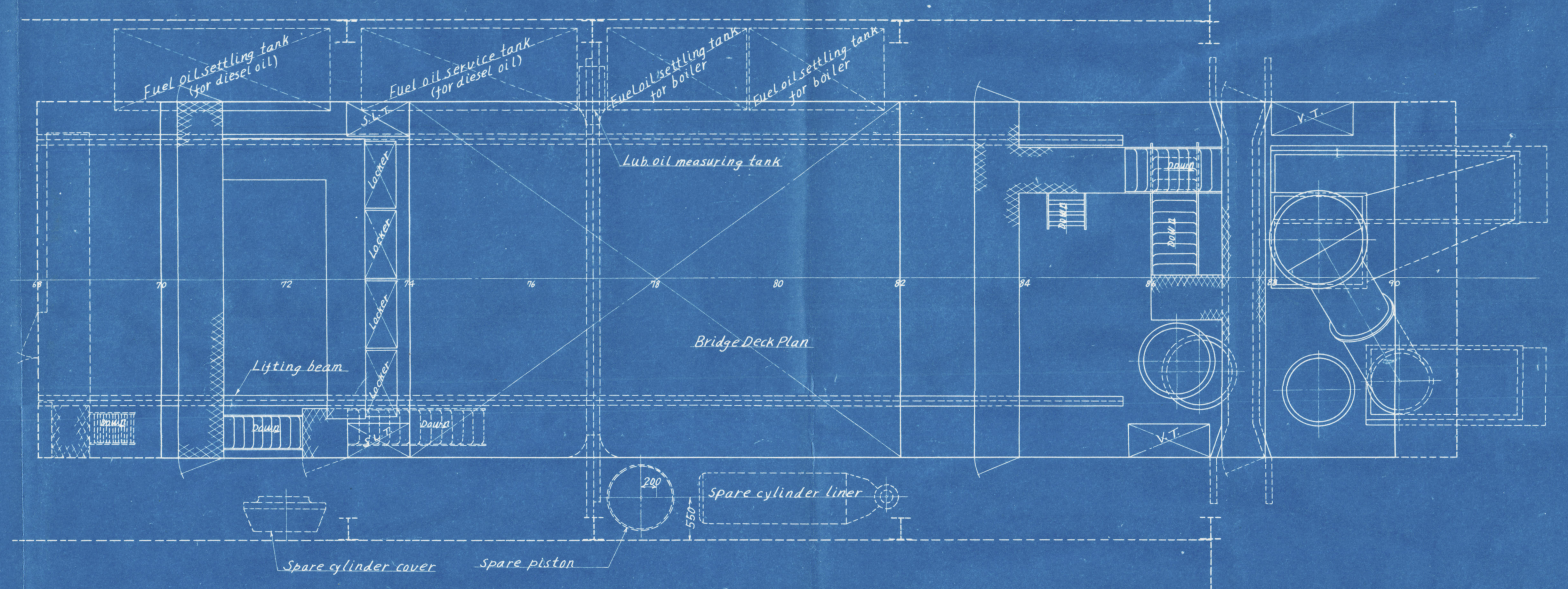


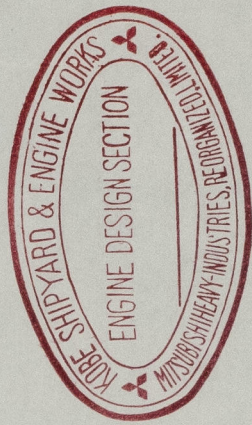
Particulars of Engine Room Machineries				
Name	No. of set	Type	Capacity	Driven by
Main engine	1	Mitsubishi Kobe Sulzer two cycle single acting airless injection direct reversible marine diesel engine (105072)		
Donkey boiler	1	Oil firing dry combustion cylindrical marine boiler fitted with oil burning equipment model No. 3 (6ca)		
Exhaust gas composite boiler	1	Dry combustion cylindrical marine boiler with oil burning and exhaust gas heating equipment model No. 3 (6ca)		
Main diesel dynamo engine	2	Mitsubishi Kobe four cycle single acting diesel engine (NR 66)		
Auxiliary diesel dynamo engine	1	Four cycle single acting diesel engine (NR 66)		
Main air compressor	2	Mitsubishi Kobe max. cont. 1500 x 400 x 1200 mm		
Emergency air compressor	1	Vertical 2 stage		
Sea water circulating pump	2	Vertical centrifugal		
Fuel valve cooling fresh water pump	1	Horizontal		
Port use sea water cooling pump	1	Steam driven duplex double acting vertical type		
Piston cooling & lubricating oil pump	2	Vertical gear		
Lubricating oil service pump	1	Horizontal gear		
Fuel oil transfer pump	2	Vertical piston		
combined pump	2	Horizontal combined gear		
service pump for clarified oil	1	gear		
booster pump	2	gear		
Bilge & ballast pump	1	Vertical centrifugal		
Fire general service pump	1	Vertical centrifugal		
Bilge & sanitary pump	1	Vertical centrifugal		
Cargo oil pump	1	Steam driven duplex double acting vertical type		
Fresh water pump	1	Vertical plunger		
Feed water pump	2	Steam driven duplex double acting vertical type		
Auxiliary feed water pump	1	Steam reciprocating engine		
Forced draft fan	1	Multiple type		
Combined sea water & brine pump for evaporator	1	Horizontal centrifugal		
Main starting air reservoir	2	Horizontal cylindrical		
Auxiliary air reservoir	1	Horizontal cylindrical		
Fresh water cooler for fuel valve cooling	1	Horizontal surface cooling		
Lubricating oil cooler	2	Horizontal surface cooling		
strainer (duplex)	3 set			
purifier	1	Multi-disc open type		
heater (for purifier)	1	Horizontal surface heating		
Fuel oil purifier for diesel oil	1	Totally enclosed vertical type		
bunker oil	2			
clarifier	2			
heater (for diesel oil purifier)	1	Horizontal surface heating		



DATE	25.6.17	ENGINEERING SECTION	APPROVED BY	General Arrangement of Engine Room 1/3
ORDER NO.	343	DESIGNED BY	DR. H. K. S.	
ITEM NO.	1	CHECKED BY	DR. H. K. S.	
DATE	25.6.17	DRAWN BY	DR. H. K. S.	
SCALE	1:100	DATE	25.6.17	

089006-089007-0118

KOBE RPT. No. 1770
DATED.



Gen. airt.
in E.R.

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