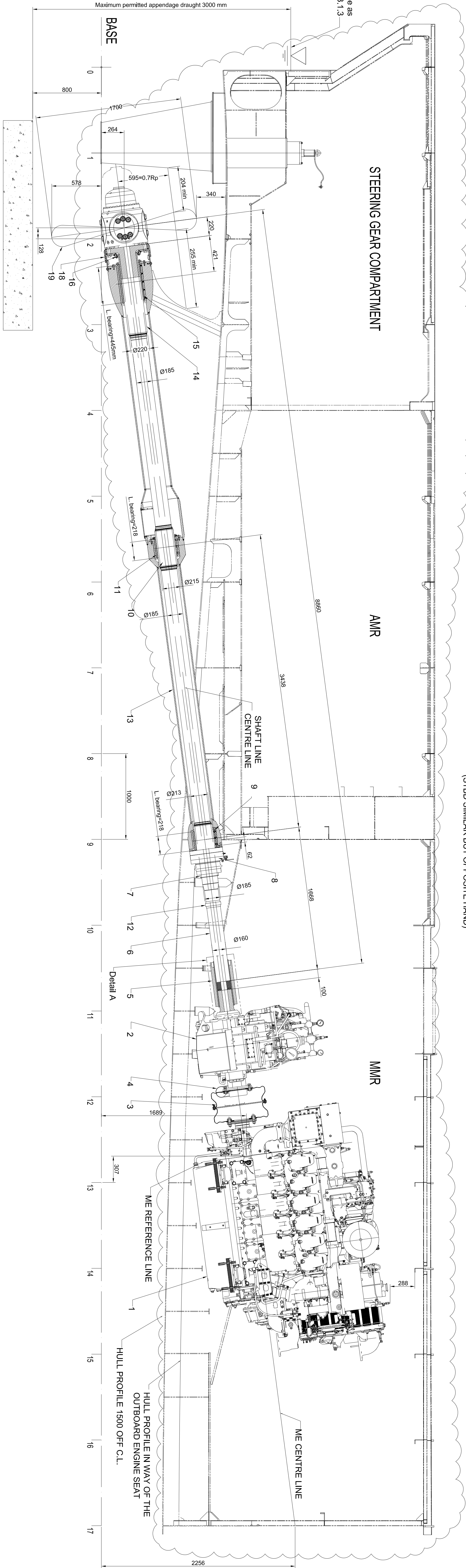


ELEVATION 1500 OFF C.L. TO PORT
(STBD SIMILAR BUT OPPOSITE HAND)



Item	Name, dimensions	Dwg. no. standard or modification	Pos.	Material or characteristics	Remarks	Kg per unit
1	Main Engine 12V4000MSL	2	MTU	MTU	(8460)	
2	Gear Box FORT	1	Lufkin	MTU	(183)	
3	Flexible Coupling	2	MTU	MTU	288	
4	Oil Distributor Box	2	RSW	RSW	(45.7)	
5	Hydraulic Coupling	2	RSW	RSW	(113.5)	
6	Tailshaft with Hairs & Thrustcoll	2	Steel	RSW	(1787)	
7	Forward Sternrunner Liner	2	Brnz	RSW		
8	Shaft Seal	2	Seal type	RSW	(62)	
9	Forward Sternrunner Thruster	2	Composite material	RSW	(71)	
10	Air Samllure Liner	2	Brnz	RSW		
11	Air Samllure Bearings Thruster	2	Composite material	RSW	(40)	
12	Shaft Earthing Device	2	Steel	RSW	(1325)	
13	Stern Liner	2	Brnz	RSW		
14	Air Bracket Liner	2	Brnz	RSW		
15	Air Bracket Bearings Thruster	2	Composite material	RSW	(20.5)	
16	Propeller Hub Ring	2	Brnz	RSW		
17	Gear Box Shim	1	Steel	RSW	(163)	
18	Race Guard with Ball Columns	2	Steel	RSW	(28.8)	
19	Corrosion Resis Propeller	2	Cu/Al	RSW	(93)	

TOTAL WEIGHT: 29,838KG
Main engine and gearbox
and C.P.P.'s weights are
considered for dry equipment

REFERENCE DWG. TABLE

1	STERN TUBE ARRANGEMENT PLAN	6094-2440-01
2	SKETCH PLAN	6094-1000-10
3	RUDER CONSTRUCTION PLAN	6094-1000-11
4	MAIN ENGINE PLAN	XZ5940000041
5	LUFKIN GEAR BOX PLAN	SK 22475-8 Rev.D SK 22480-8 Rev.C
6	FLEXIBLE COUPLING PLAN	XZ5942500006
7	SHF COUPLING OKCK 160	28436
8	ENGINE ROOM INCLUDING ENGINE SEATS PLAN	6094-1000-07
9	SHAFT LINE PLAN REV. E	DMA200000864

TECHNICAL DATA PROPULSION SYSTEM

MAIN ENGINE - 2 X MTU 12V 4000 M83L - 2500KW - 2100RPM
FLEXIBLE COUPLING - 2 X MTU
GEAR BOX - estimated 14.2
PROPELLER - 2 X CONTROLLABLE PITCH PROPELLER - D=1700mm
SHAFT TAIL - to be coated with GFB or similar between the bronze liners
BEARINGS - water lubricated. Bearings shall be wear resistant in all operational areas
SHAFT SEAL - splitless mechanical type in order to be replaced without shaft disassembly
SHAFT SEAL - electrical driven trailing pump for the gearbox lubrication in case a main engine is switched off and MSPV is sailing on the other engine, or the vessel is being towed
GEARBOX

To permit operation in shallow waters or waters with silt like Great Lakes an efficient filtration device shall be supplied and installed on the water blocking of water supply a cyclone separator shall be used for filtration.
Note: The drawing is updated based Vendor Furnished Information.

1601/2012

UPDATED HULL STRUCTURE ACC TO TRSB-41 MODIFICATION

D. Miron

E. Zaharescu M. Mocanu

0

04/07/2011

ISSUED FOR CONSTRUCTION

D. Miron

E. Zaharescu M. Mocanu

Rev

Date

Description

Perform

Check

Appr.

Client: CANADIAN COAST GUARD

Title: SHAFT LINE ARRANGEMENT PLAN

Contract No: FT04-04001-0020K3

Project No: 6094

Scale: A0

Checked By: D. Miron

Drawn By: E. Zaharescu

Drawn No: 6094-24300-01

Project No: 6094

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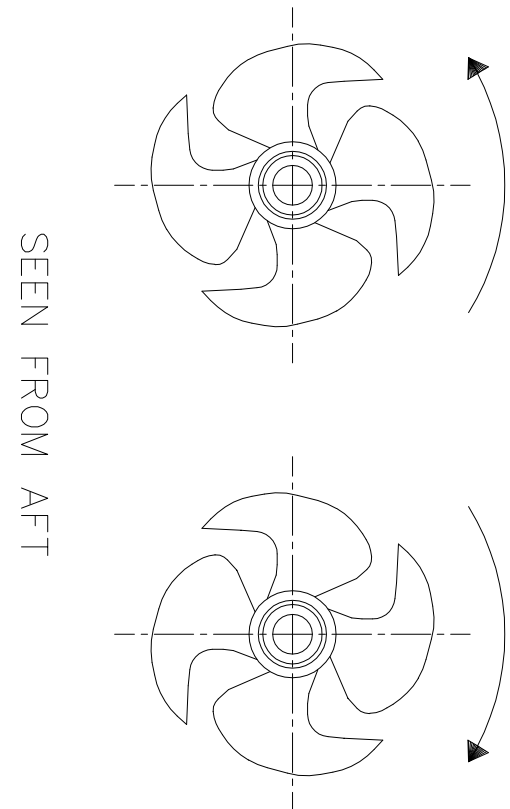
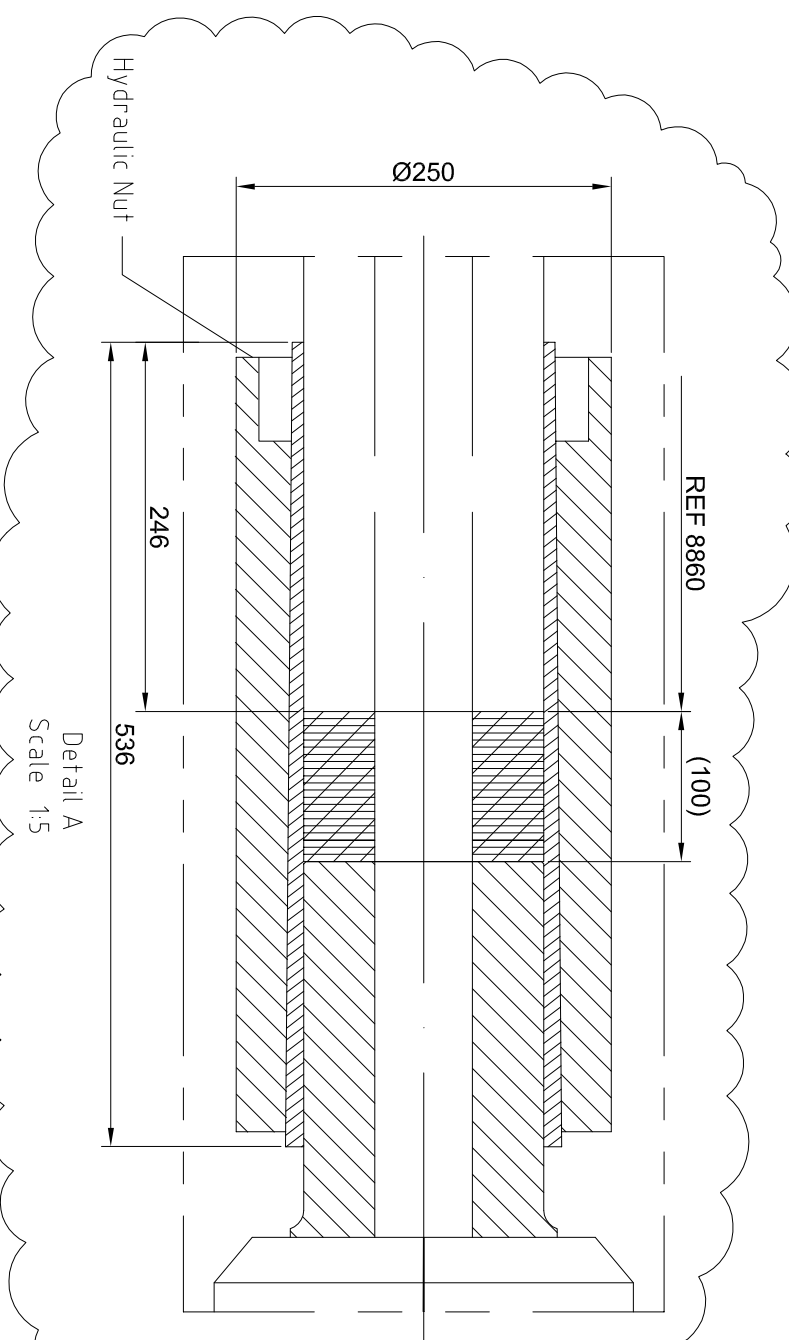
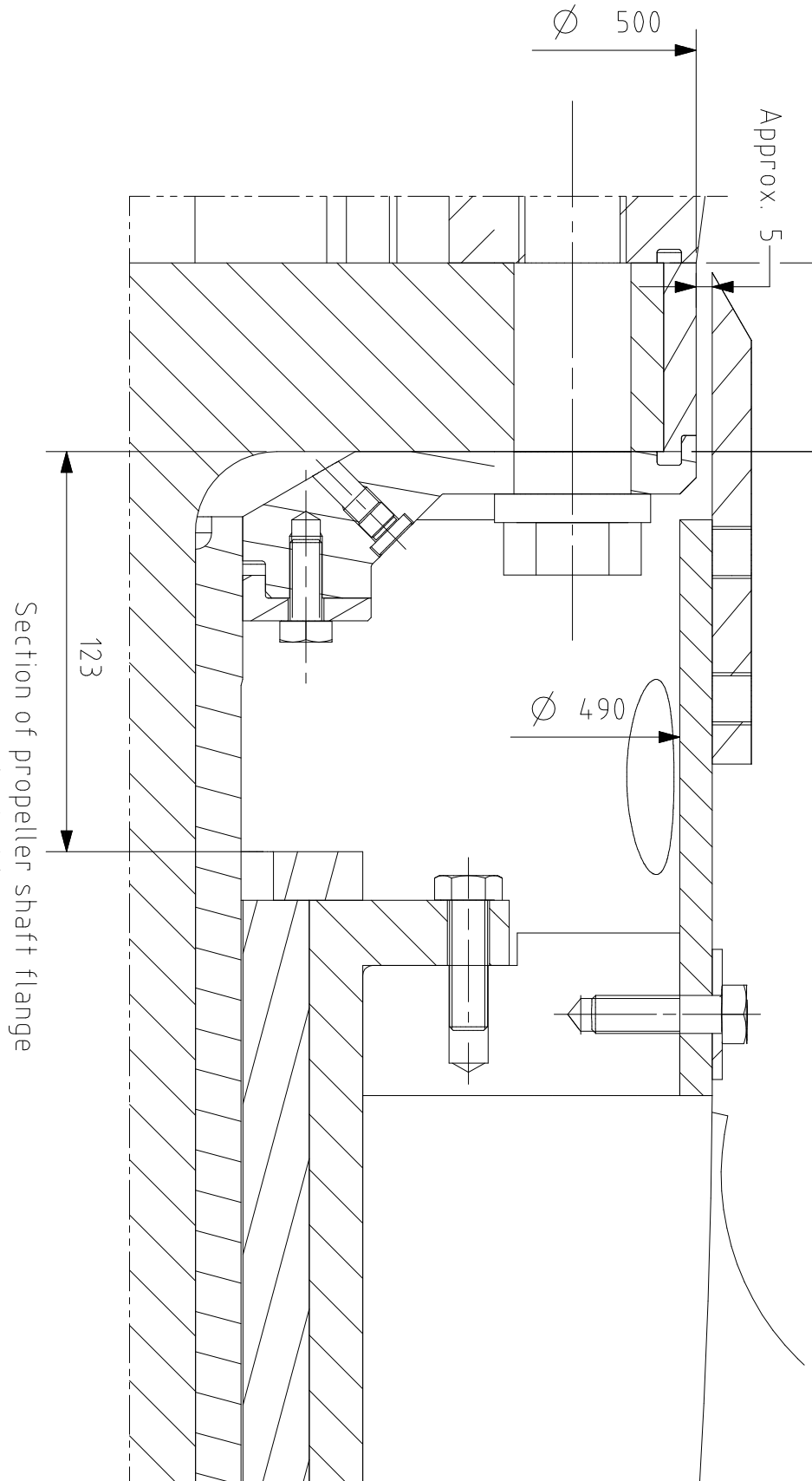
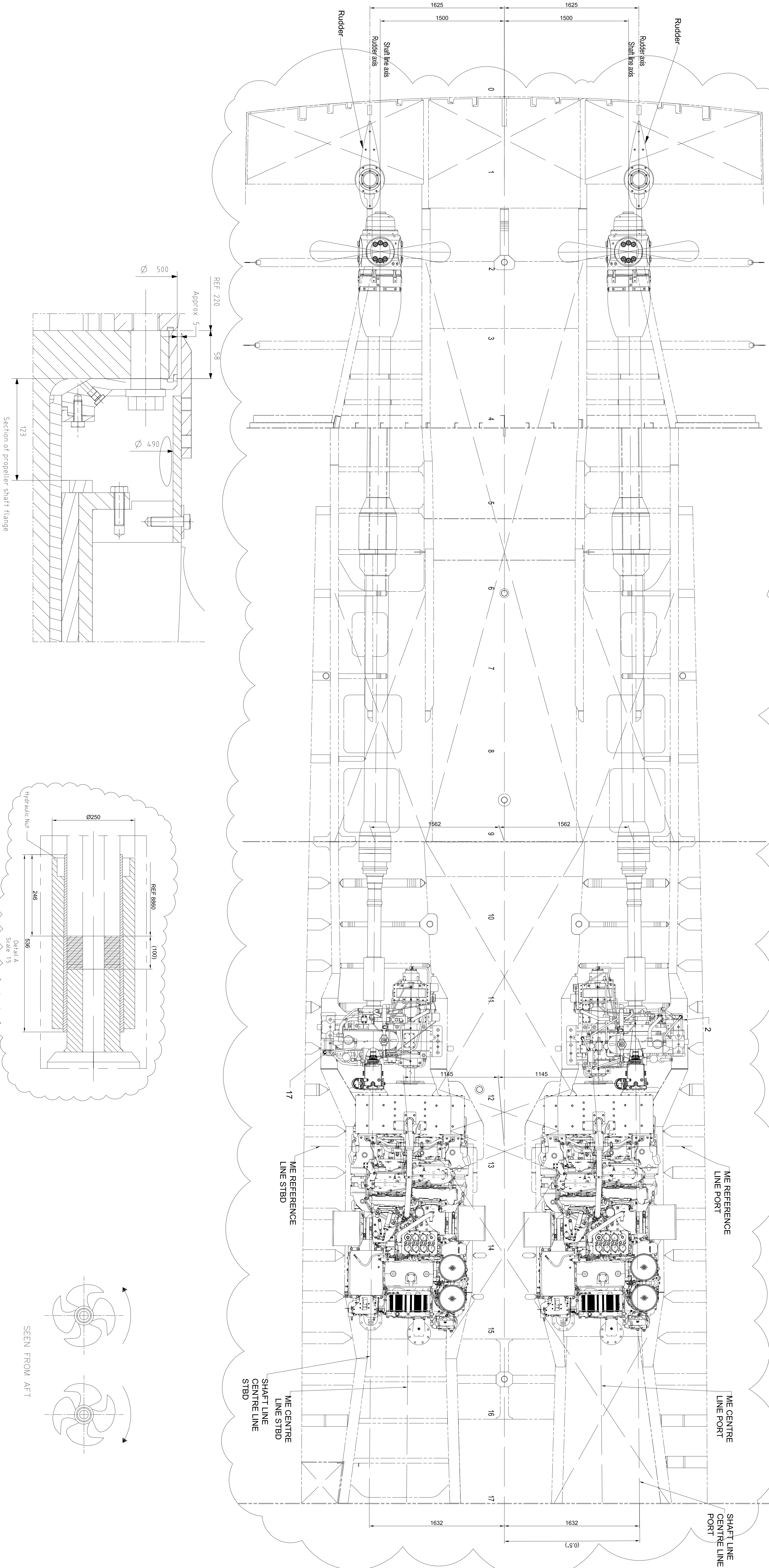
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