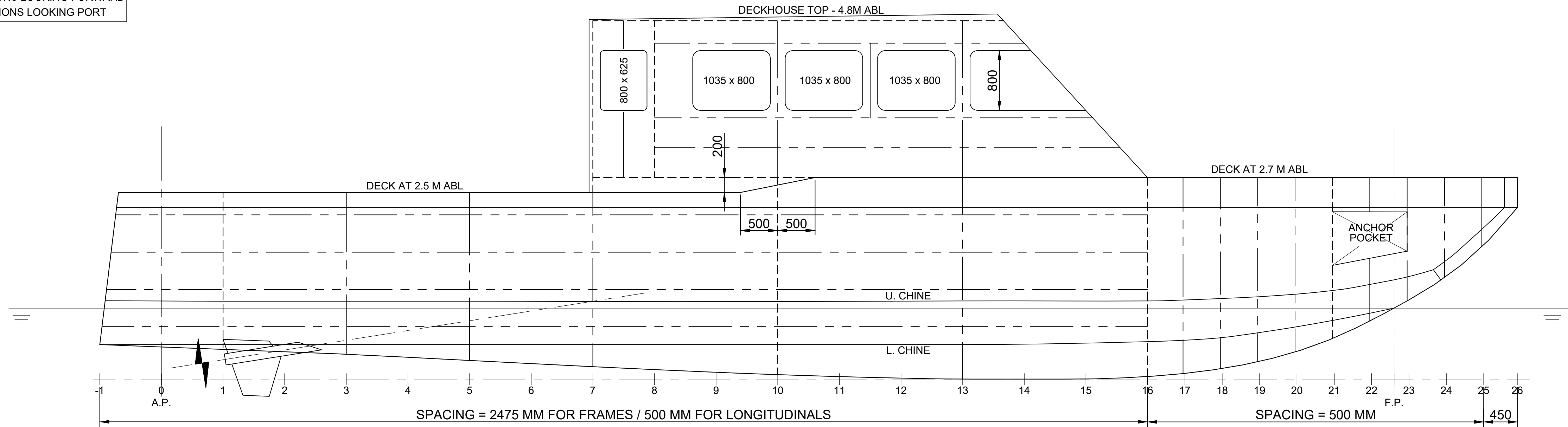
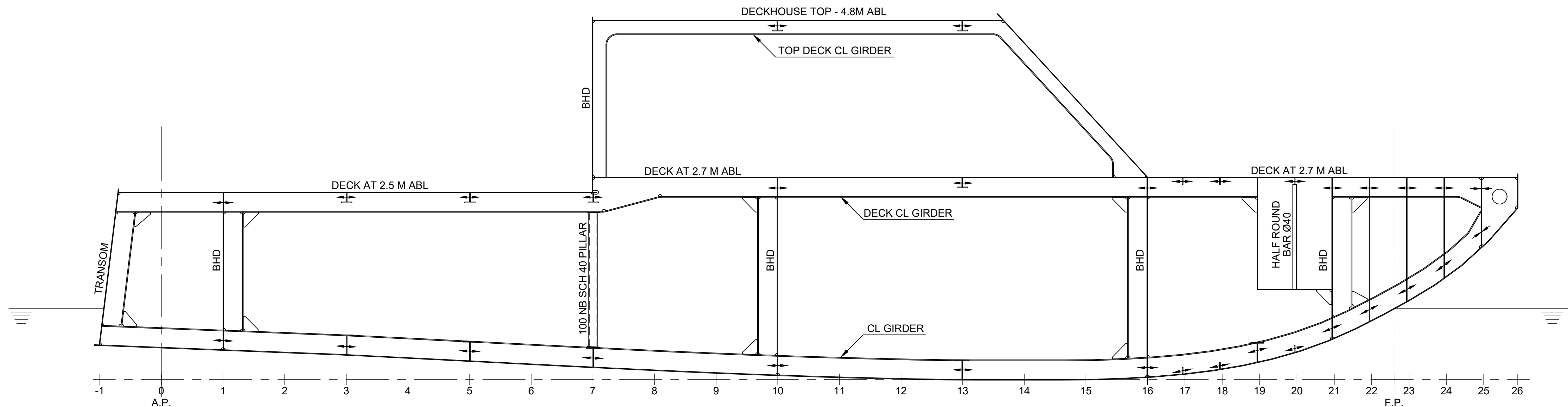


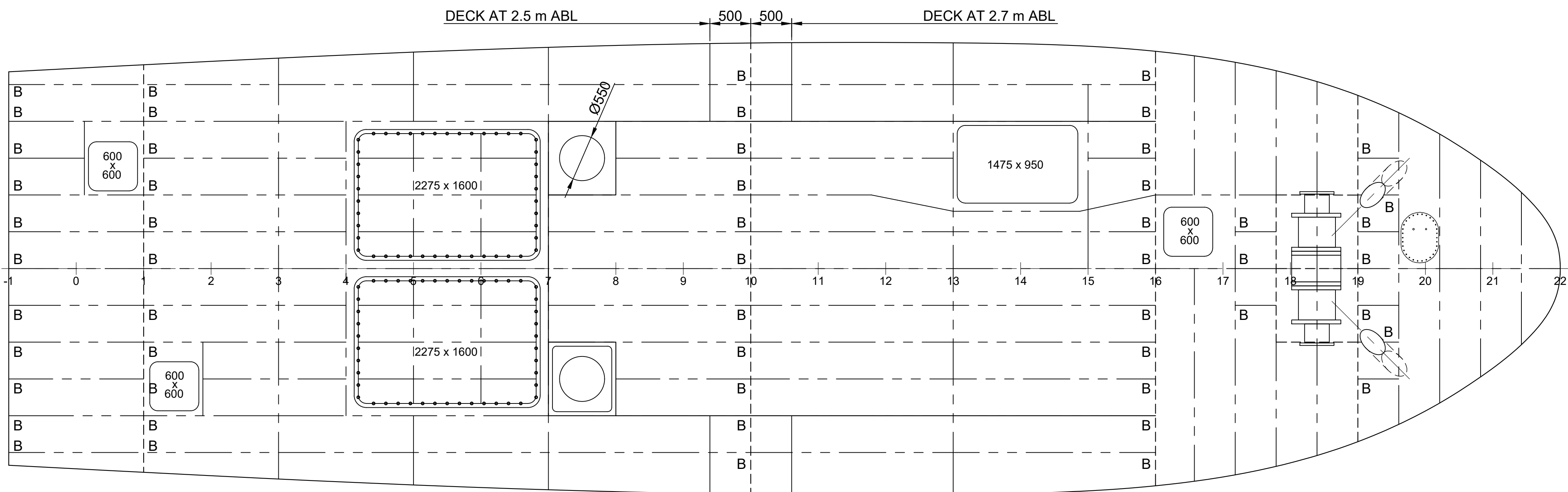
TRANSVERSE SECTIONS LOOKING FORWARD
LONGITUDINAL SECTIONS LOOKING PORT



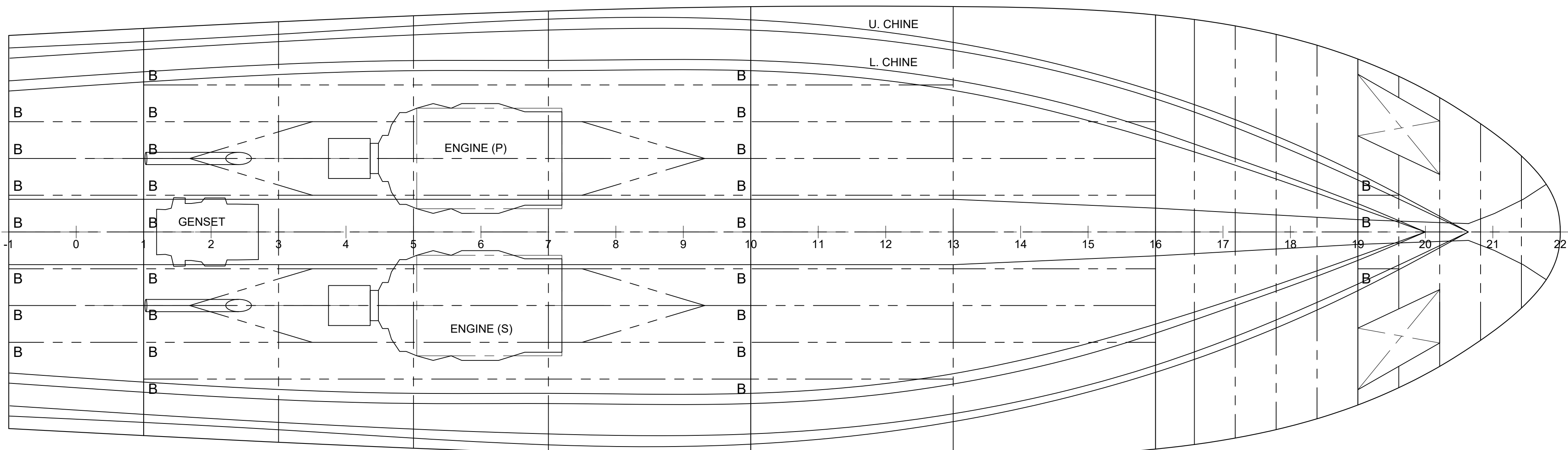
OUTBOARD PROFILE



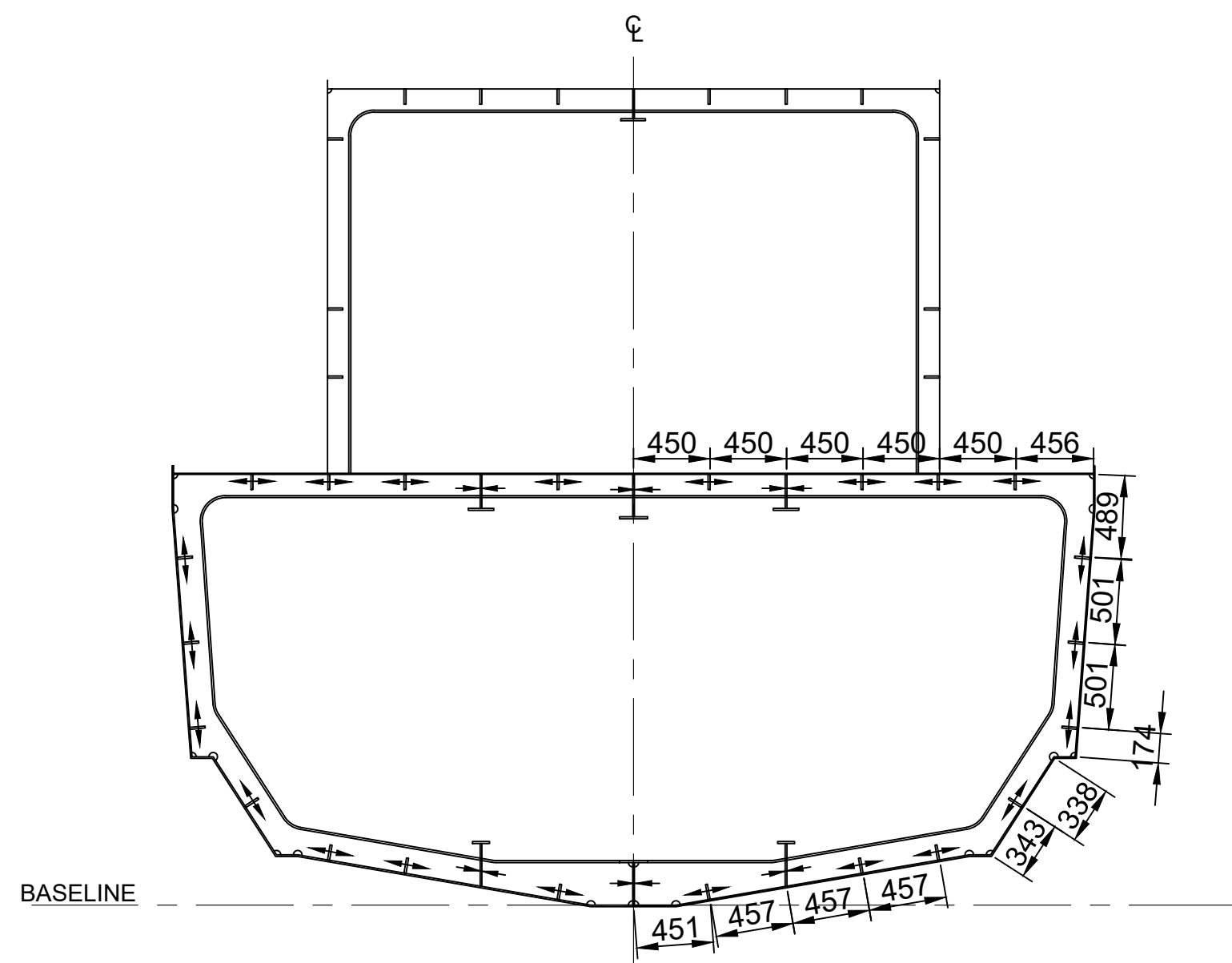
CENTERLINE PROFILE



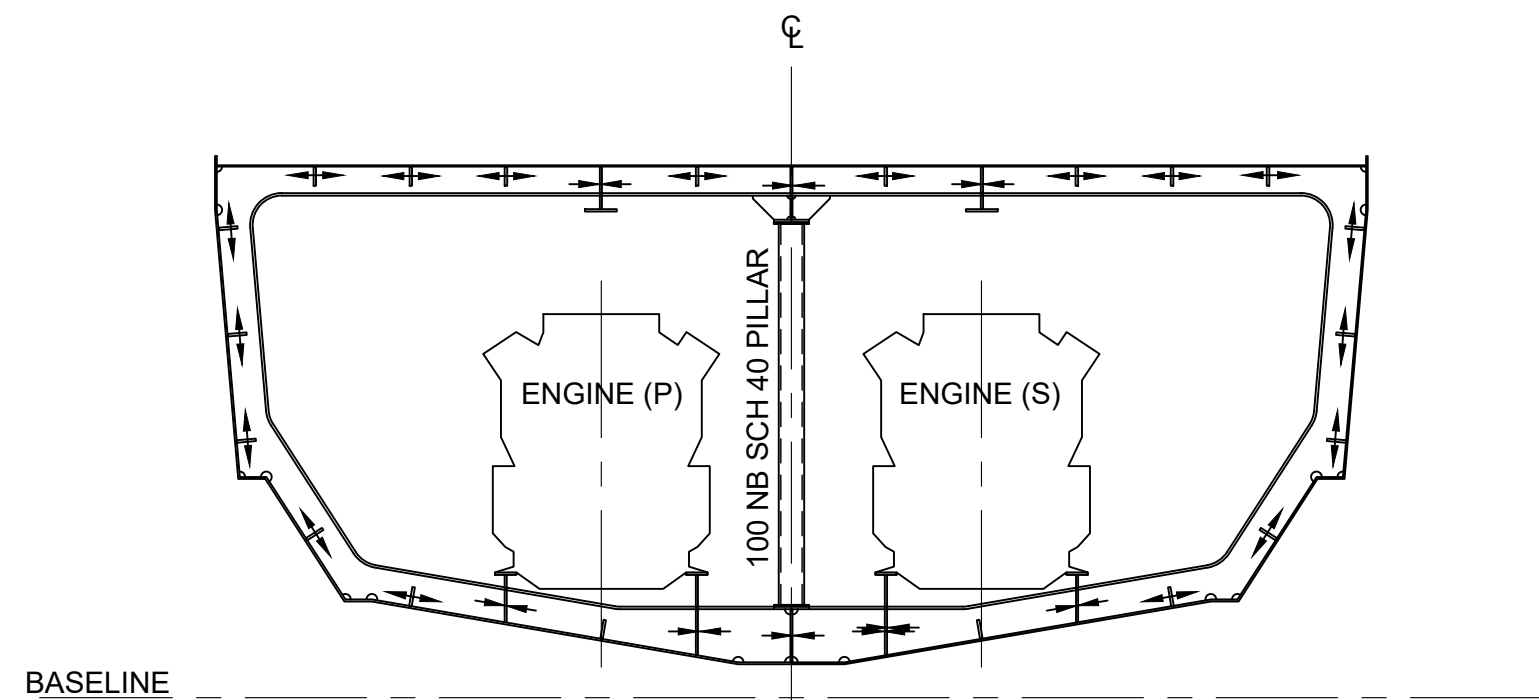
DECK PLAN



BOTTOM PLAN



SECTION AT FR. 13
(WEB FRAME)



SECTION IWO ENGINE GIRDER (FR.7)
(WEB FRAME)

SCANTLING SIZES

PLATES

KEEL PLATE = 12 mm
BOTTOM PLATE = 9.5 mm
SIDE SHELL = 8.0 mm
DECK = 6.5 mm
BULKHEADS = 8.0 mm
DECKHOUSE = 6.0 mm

GIRDERS

CENTER GIRDER = 250x10+165x12
DECK CL GIRDER = 250x10+165x12
TRANSOM CL GIRDER = 250x10+165x12
SIDE GIRDER = 250x10+165x12
ENGINE GIRDER = 315x11+90x12
DECKHOUSE = 175x10+140x12

FRAMES

BOTTOM FRAME = 250x10+175x12
SIDE FRAME = 150x10+125x12
DECK FRAME = 150x10+125x12
DECKHOUSE = 125x10+140x12

LONGITUDINALS

BOTTOM LONGI = 90x12
SIDE SHELL LONGI = 80x11
DECK LONGI = 75x10
DECKHOUSE = 75x10

"PORT SERVICE BOAT"

PRINCIPAL PARTICULARS

LENGTH OVERALL (HULL) = 19.00 m
LENGTH B.P. = 16.50 m
BREADTH MLD = 05.50 m
DEPTH MLD = 02.60 m
DRAFT MLD = 00.94 m
FRAME SPACING = 825 / 500 / 450 mm
V CRUISE = 20 knots
V MAX = 25 knots
ENGINE POWER (PREL) = 550 kW
FUEL OIL = 1.5 m3
FRESH WATER = 1.0 m3

1	REVISED AS PER DESIGN PROGRESS	03-12-2016	DC
0	FIRST ISSUE	17-11-2016	DC
REV.	DESCRIPTION	DATE	BY
DRAWN BY : DC	DWG FILE : Port Service Boat (2016-11-17-A).dwg	HULL N°: EM001	
DATE : 17-11-2016	PROJECT : PORT SERVICE BOAT	CLIENT : UNIVERSITY DE LIEGE	CLASS : BUREAU VERITAS
CHECKED BY : A. HAGE	DATE : 17-11-2016	TITLE : STRUCTURAL PLAN	
APPROVED BY : A. HAGE	DATE : 17-11-2016		
SCALE : 1:50	SIZE : A1	DWG N° : EMSHIP/PSB/2016/002	SHEET N° : 01 OF 01
			REV : 0