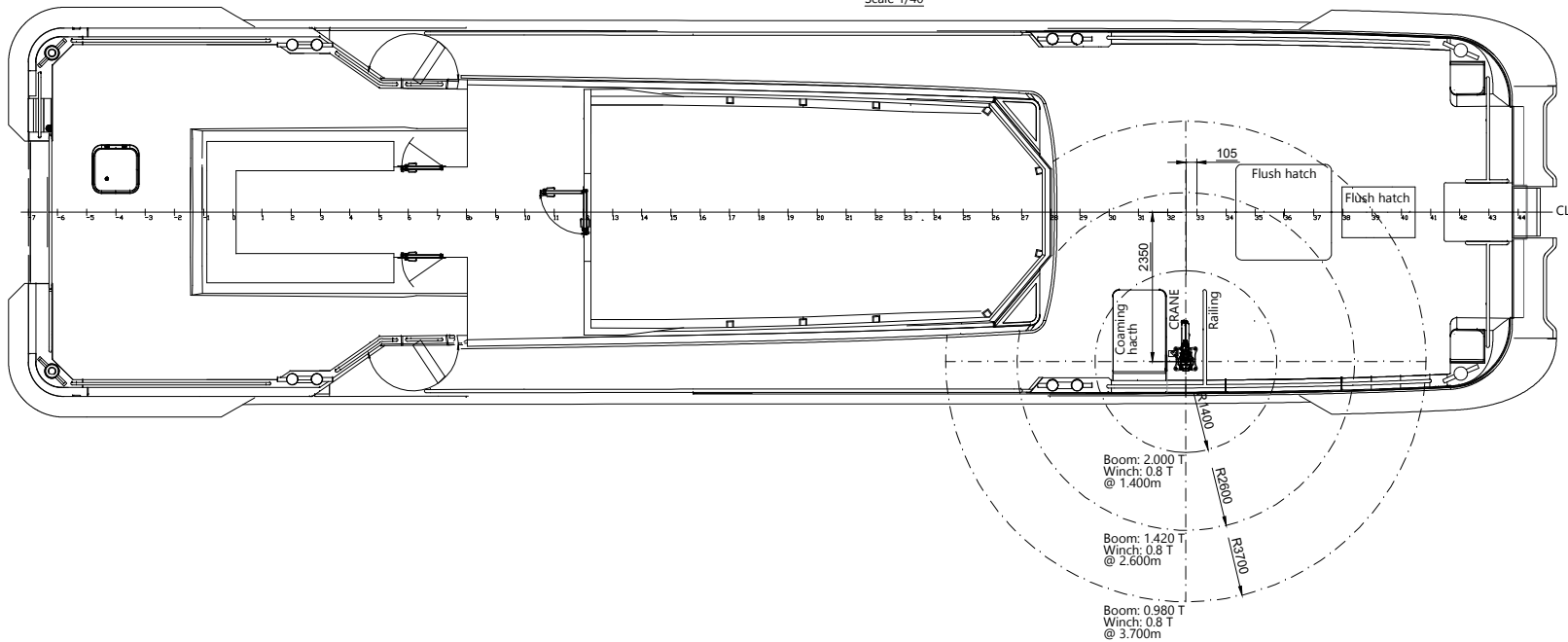
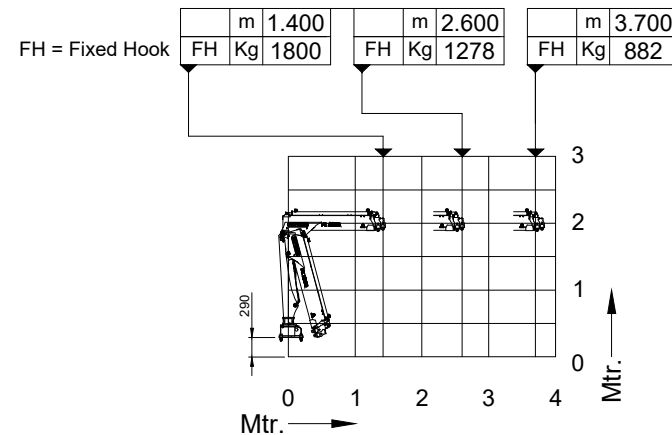


MAIN DECK
Top view
Scale 1/40



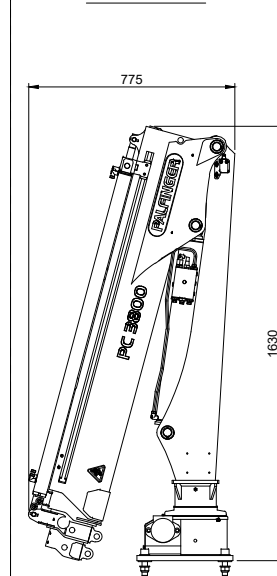
LOAD CHART (HORIZONTAL LOADS)



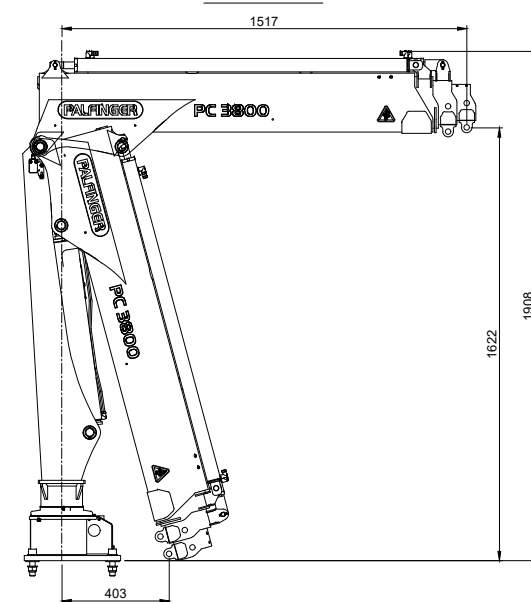
DECK CRANE:

Scale 1/10
PALFINGER: Type - PC 3800 COMPACT
Extension boom variation - A - (see Load chart)

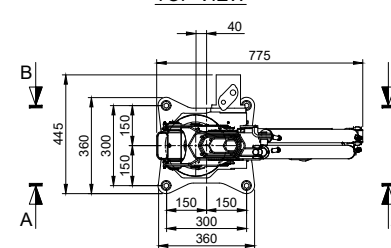
SECTION B-B



SECTION A-A



TOP VIEW



DECK CRANE:

PALFINGER: Type - PC 3800 COMPACT
Extension boom variation - see Load chart
- The crane to be mounted on the foundation with M20 St.St. bolts/washers/nuts
- An hoisting winch to be installed with the crane, suitable for single line use
- Hoisting winch pull @ first layer: 0.8 tonne
Crane technical specifications - EN 12999 H1-B2 (PALFINGER)
- Max. lifting moment : 3.7mt / 36.5 kNm
- Max. lifting capacity : 2000 kg / 19.6 kN
- Max. hydraulic outreach : 3.7 m
- Slewing angle : 325°
- Slewing torque : 0.38 mt / 3.7 kNm
- Max. operating pressure : 200 bar hydraulic
- Weight of crane (std) : 238 kg

NOTE:

- Hydraulic power pack will be positioned in the cargo hold

CLASS NOTATION:

1) Classification society: Bureau Veritas (BV)
Notation: 1 Hull MACH AUT UMS
Wind Farms Service Ships - S0
Navigation - Sea area 2: 2.5m

NR 589 Rule Note: Wind Farms Service Ships
2) Flag: The Netherlands (Dutch flag)

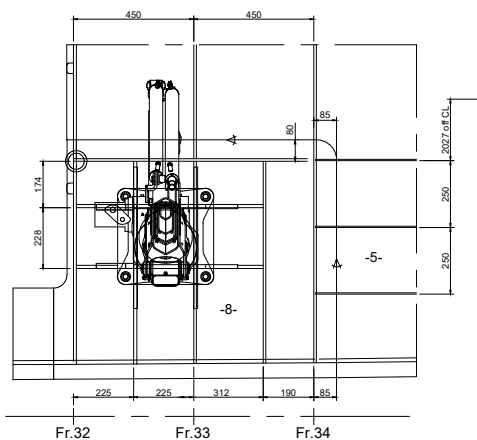
REFERENCE DRAWINGS:

7813-7100 General arrangement
7313-1050 Construction Plan
7313-4200 Railing arrangement

BV reg. number - 41267H

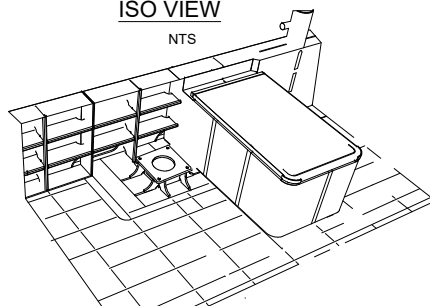
NP589 - CRANE FOUNDATION

Top View Above Deck



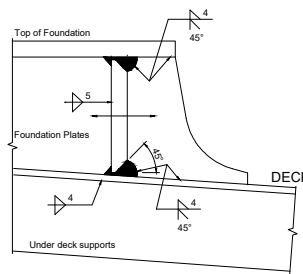
ISO VIEW

NTS

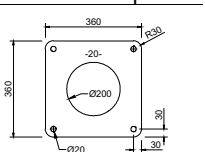


Typical Welding Detail

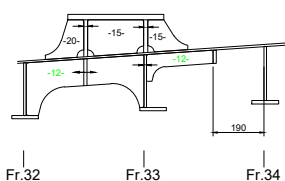
-All welds to foundation top plate and to deck to be full-pen weld.
-All other welds to be double continuous fillet weld with min. a=4mm UNO.



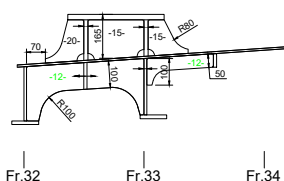
Foundation Top Plate



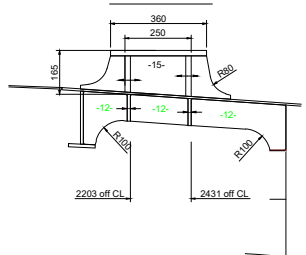
2203 off CL SB



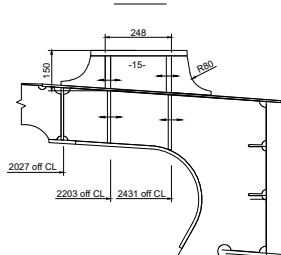
2431 off CL SB



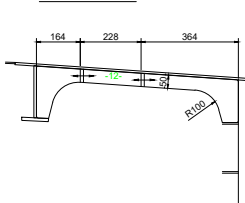
Fr.32+225



Fr.33



Fr.34-190



NOTE BV:

The crane is considered to be used in harbour conditions only under a max list of 5 degrees and a trim of 2 degrees.
 $F_{max} = 19,6 \text{ kN}$, $M_{max} = 36,5 \text{ kNm}$.

REV	DATE	DRAWN	CHECKED	APPROVED	REMARKS
D	06-02-2022	UM	UM	UM	Foundation modified to deck camber & shear
B	11-04-2022	RT	UM	UM	Crane particulars updated
C	02-09-22	DB			Remark BV

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SCALE	1/40, 1/10, 1/25	DATE	15-12-2021	DRAWN	UM	Rev	1
CHECKED BY	LJM	ORDER NO.	589				D
DRAWN BY	RT	DRAWN/DATE	AO				

DECK CRANE ARRANGEMENT
(INCLUDING FOUNDATION)

589-572.0

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