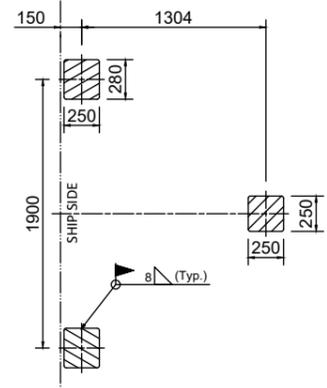
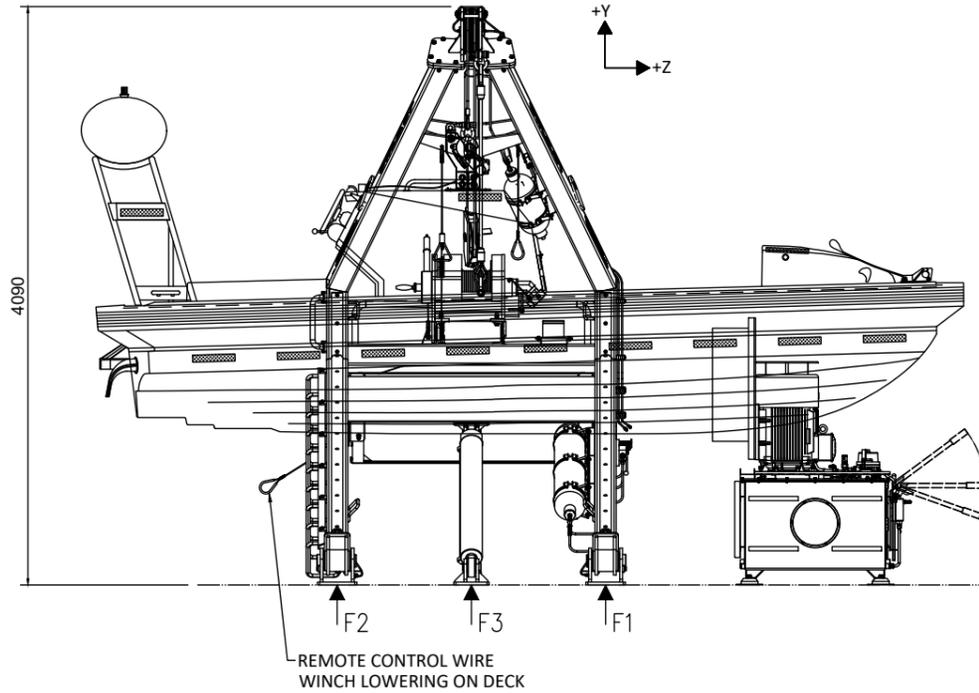
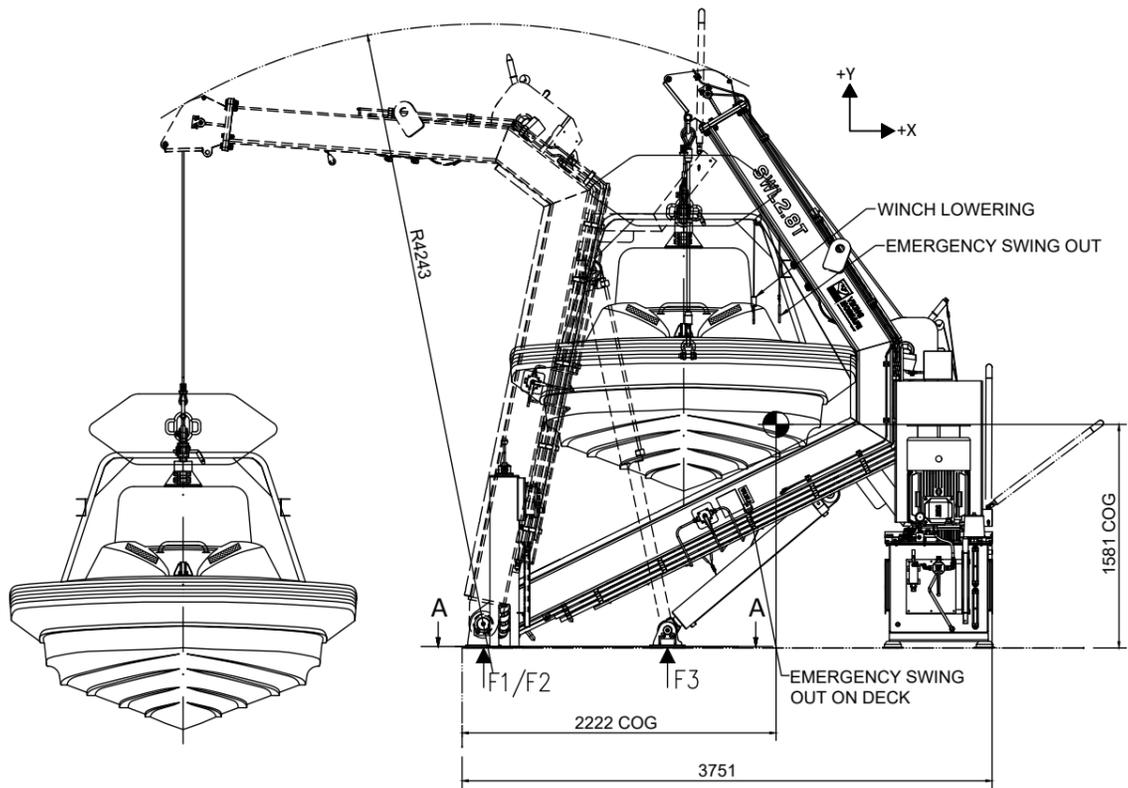


NDA-25 HST Rescue Boat Davit
Technical data:

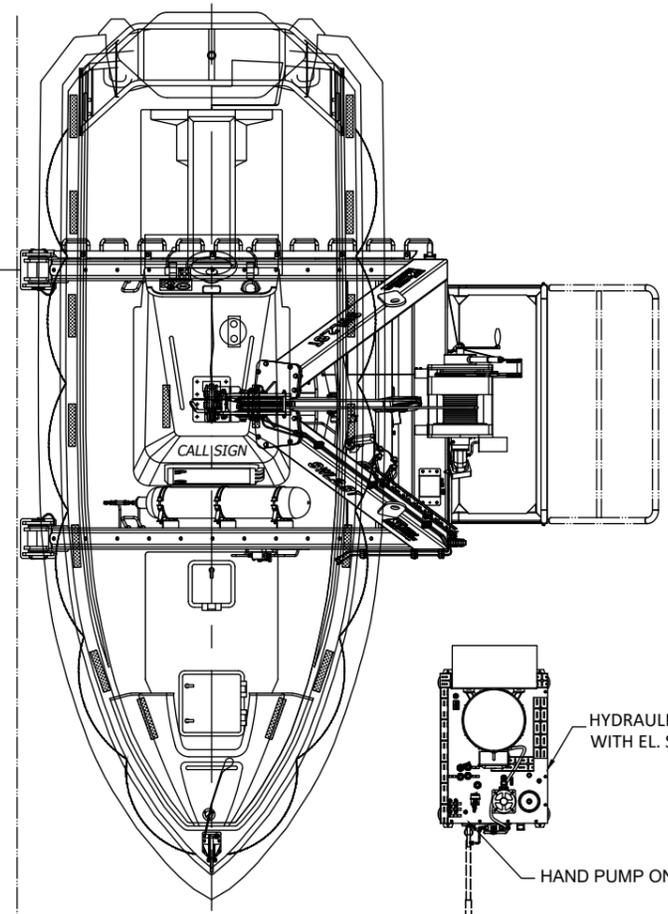
Davit weight: Approx. 2500 kg
 Davit SWL: 2800 kg
 Wire diameter: 13 mm
 Max. launching height: 38.8 m
 Hoisting speed: Min. 48 m/min
 Lowering speed: Not less than that obtained from the formula $S=0.4+0.02H$, and not exceed 1.3m/s.
 Auto tension system: Pull force approx 10% of SWL
 Auto tension speed: 0-120 m/min

CONTROL UNIT TO BE PLACED BY YARD ON A SUITABLE PLACE

8 M OF HOSE PILOT LINES BETWEEN HPU AND CONTROL STAND



INTERFACE FOOT PRINTS IN DECK
 A-A (1 : 25)



NDA-25 Davit Reaction Forces in Deck							
Nodes	Force			Moment			
	Fx (kN)	Fy (kN)	Fz (kN)	Mx (kNm)	My (kNm)	Mz (kNm)	
F1 / F2	MAX.	2	73	8	13	6	11
	MIN.	-65	-35	-9	-13	-6	0
F3	MAX.	101	102	1	0	0	0
	MIN.	-2	-77	-1	0	0	-13

REACTION FORCES AS JOINT LOADS EACH SIDE, MARKED WITH NODES ON DECK INTERFACE. FOR ORIENTATION OF FORCES SEE LEGEND WITH MARKED XYZ VECTORS. ALL FORCES ARE POINT LOADS, NOMINAL FORCES WITHOUT ANT FACTORS.

NOTES:

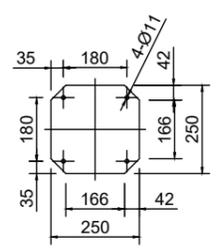
- EMBARKATION PLATFORMS, LADDERS ETC.: YARD SUPPLY.
- LOCATION OF HYDRAULIC POWER UNIT TO BE DECIDED BY YARD.
- VIKING NORSAFE DELIVER 5M HOSES FOR CONNECTION BETWEEN DAVIT AND HPU. HYDRAULIC PIPING BETWEEN HPU AND DAVIT IS YARD SUPPLY.
- CONNECTION OF MAIN POWER SUPPLY TO EL. CABINET IS YARD SUPPLY.
- ALL FIELD WELDS TO BE PERFORMED ACC. TO APPROVED WPS. (YARD RESPONSIBILITY). ALL FIELD WELDING IS SUBJECT TO CLASS APPROVAL PRIOR TO START WELDING.

REV	DESCRIPTION	BY	CHECK	APPRO	DATE
7	Updated the control wire on deck	DZH	GACA	WAGU	11.09.2020
6	Updated the title block of the drawing	CENI	GACA	WAGU	28.10.2019
5	Removed the pole for remote control wire on deck	GACA	ALJI	WAGU	17.01.2019
4	Updated remote control stand	GACA	ALJI	WAGU	18.12.2017
3	Updated for construction	GACA	ALJI	WAGU	02.02.2016
0	Issued for construction	GACA	ALJI	WAGU	29.07.2013

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Drawn by: GACA, Check by: ALJI, Appr. by: WAGU, Initial release date: 29.07.2013

Project number	Project name	Client number
Title NDA-25 HST Rescue boat davit for Merlin-615		Material Number
Drawing type GA		Weight N/A
Drawing Number G-500109		Projection method
Tolerances ISO 2768-mK, ISO 13920-BF		Scale 1:50
Revision 7		Sheet Size A3
		Sheet No. 1/1



FOOT PRINT
 B-B (1 : 10)

