



NOTES:

- ALL ELECTRIC WIRING BY YARD.
- ALL FIELD WELDS TO BE PERFORMED ACC. TO APPROVED WPS (YARD RESPONSIBILITY). ALL FIELD WELDING IS SUBJECT TO CLASS APPR. PRIOR TO WELDING.
- ALL FIELD WELDS SHOWN TO BE WELDED BY YARD DURING INSTALLATION.
- WIRE LENGTHS:
 WIRE 1: $15m + H = X_m$
 WIRE 2: $20m + H = X_m$
 WIRE LENGTH INCLUDE 3 WRAPS ON DRUM
 $H =$ (HEIGHT FROM STOWAGE TO L.W.L. INCLUDE LIST AND TRIM.)
 $X_m =$ Total wire length
- ALL MAIN STEEL S355. ALL OUTFITTING STEEL S235
- CENTER OF GRAVITY ONLY FOR DAVIT INSTALLATION
- ALL FORCES ARE NOMINAL FORCES WITHOUT ANY FACTORS
 ALL FOUNDATIONS SHALL BE DESIGNED WITH A FACTOR OF SAFETY OF MINIMUM 4.5.
- THE DAVIT IS IN ACCORDANCE WITH THE LATEST REQUIREMENTS TO SOLAS
- STARBOARD DAVIT SHOWN. PORT SIDE DAVIT IS MIRRORED
- LOCATION OF PIN LASHING IS ONLY ESTIMATED.
 LASHING PIN TO BE INSTALLED AFTER THE BOAT IS INSTALLED IN THE DAVIT

FOR ORIENTATION OF FORCES, SEE X, Y AND Z-DIRECTION ON DRAWING.
 FORCES ARE POINT LOAD AT EACH DAVIT ARM

	FORCE X	FORCE Y	FORCE Z	MOM X	MOM Y	MOM Z
F1	±39 kN	97 kN	±39 kN	±73 kNm	±20 kNm	225 kNm

DAVIT TECHNICAL DATA:
 SAFETY WORKING LOAD: 120 kN
 DAVIT WEIGHT: Approx. 8050 KG, INCL. WINCH

REV	DESCRIPTION	BY	CHECK	APPRO	DATE
2	Reissued for approval	MISO	ALJI	WAGU	18.06.2019
1	Added ladder cage, corrected reaction forces and welding symbol	GACA	ALJI	WAGU	28.09.2014
0	Issued for approval	MIM	TKE	JJB	24.01.2012

REVISION HISTORY

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DWG SIZE: A3	SCALE: 1:20	COPY OF:	PROJECTION METHOD:	CLIENT NO.:	PROJECT:
TOLERANCES: ISO 2768-mk, ISO 13920-BF			REVISION: 2	Davit C-110 for Lifeboat Type JYN85 Hook Distance 7900	
DWG No: G-500040			PROJECT:	General Arrangement	