

Optional hang-off used for service in stowed position.
To be specified in purchase order if required.

The Max. height means the distance from profile steel of center beam to the upside of platform

Max. Height = 250

SHIP SIDE

E - 110 LIFE BOAT DAVIT
 SWL HOISTING: 110 kN
 SWL LOWERING: 110 kN
 HOISTING SPEED: APPROX 5 m/min
 DESIGN SPEC SOLAS: 10° TRIM, 20° LIST SIMULTANEOUSLY
 DEAD SHIP LOWERING SPEED: MAXIMUM 60 m/min

DAVIT WEIGHT INCLUDE NW85 WINCH: 8000 KG

- NOTES:
1. ACCESS PLATFORMS & BOARDING, WALK WAYS, STAIRS & HANDRAILINGS, DOUBLER PLATES, ETC.: YARD SUPPLY - TO BE FINALIZED DURING LIFEBOAT INSTALLATION.
 2. ELECTRIC WIRING BY YARD.
 3. FIELD WELDS TO BE WELDED BY YARD ARE SHOWN BY FLAG.
 4. ALL FIELD WELDS TO BE PERFORMED ACC. TO APPROVED WPS. (YARD RESPONSIBILITY). ALL FIELD WELDING IS SUBJECT TO CLASS APPROVAL PRIOR TO START WELDING.
 5. ALL STRUCTURAL STEEL TO BE S355, Q345B/D, S235 AND Q235. OUTFITTING STEEL TO BE S235, Q235 OR EQUIVALENT.
 6. FOR WINTERIZATION / ARCTIC AREAS OPERATION STEEL TO BE Q345D/S355 WITH CHARPY TESTING AT -20 DEGREES.
 7. WIRE LENGTHS: WIRE AFT - $\phi 16$: 23 m + 2 x (H + H1)
 WIRE FWD - $\phi 16$: 28 m + 2 x (H + H1)
 REMOTE LOWERING WIRE : DECK WIRE - $\phi 3$: 14,5 m
 BOAT WIRE - $\phi 3$: 16 m + (H + H1)
 H = HEIGHT FROM STOWAGE TO L.W.L.
 H1 = ADDITIONAL HEIGHT DUE TO LIST AND TRIM CONDITIONS, UNLESS OTHERWISE AGREED.
 8. FOR LOCATION OF HATCHES, HOOKS AND OTHER BOAT DETAILS SEE BOAT DRAWINGS.
 9. C.O.G. - CENTER OF GRAVITY (DAVIT WITH LIFEBOAT)

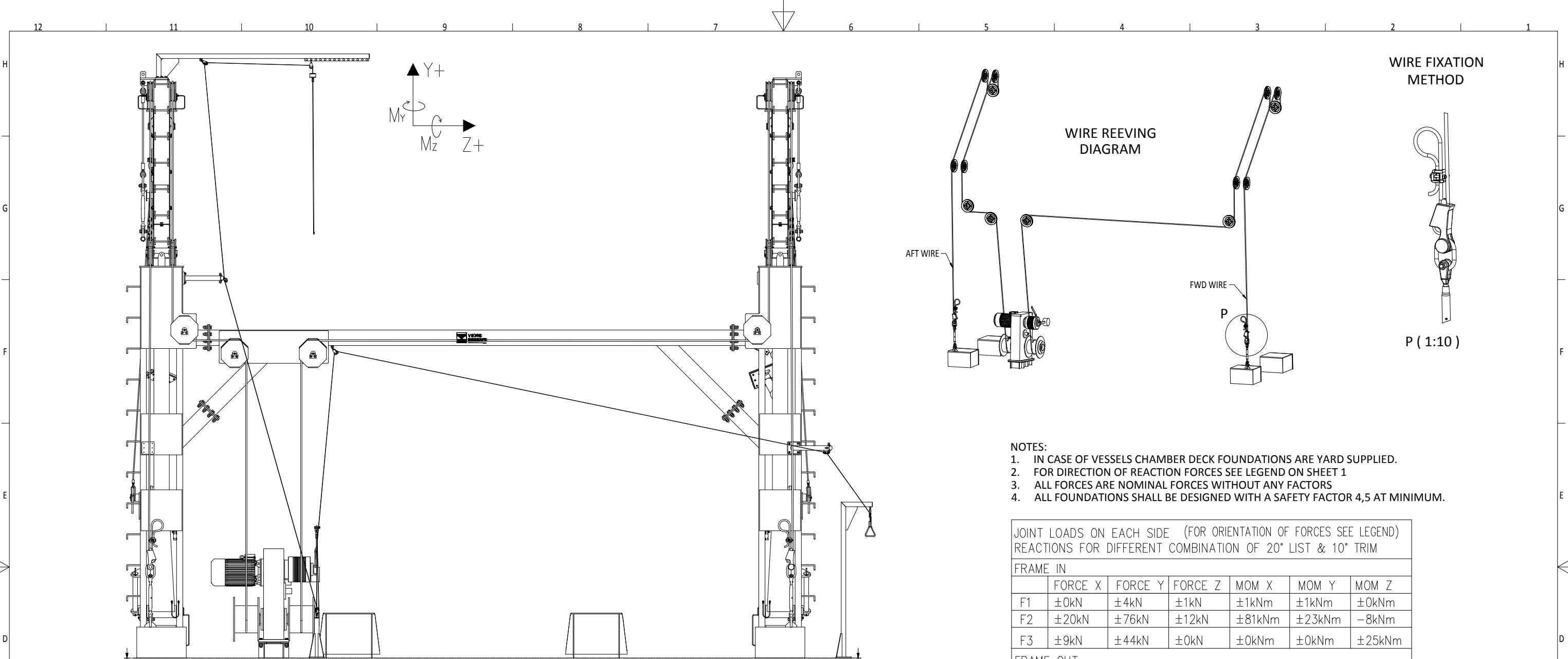
| 5 | Reissued for approval | MISO | ALJI | WAGU | 24.06.2019 |
|-----|--------------------------|------|-------|-------|------------|
| 4 | Changed diameter of wire | SOJI | ALJI | WAGU | 17.07.2018 |
| 0 | Issued for construction | ALJI | GACA | WAGU | 04.03.2014 |
| REV | DESCRIPTION | BY | CHECK | APPRO | DATE |

REVISION HISTORY

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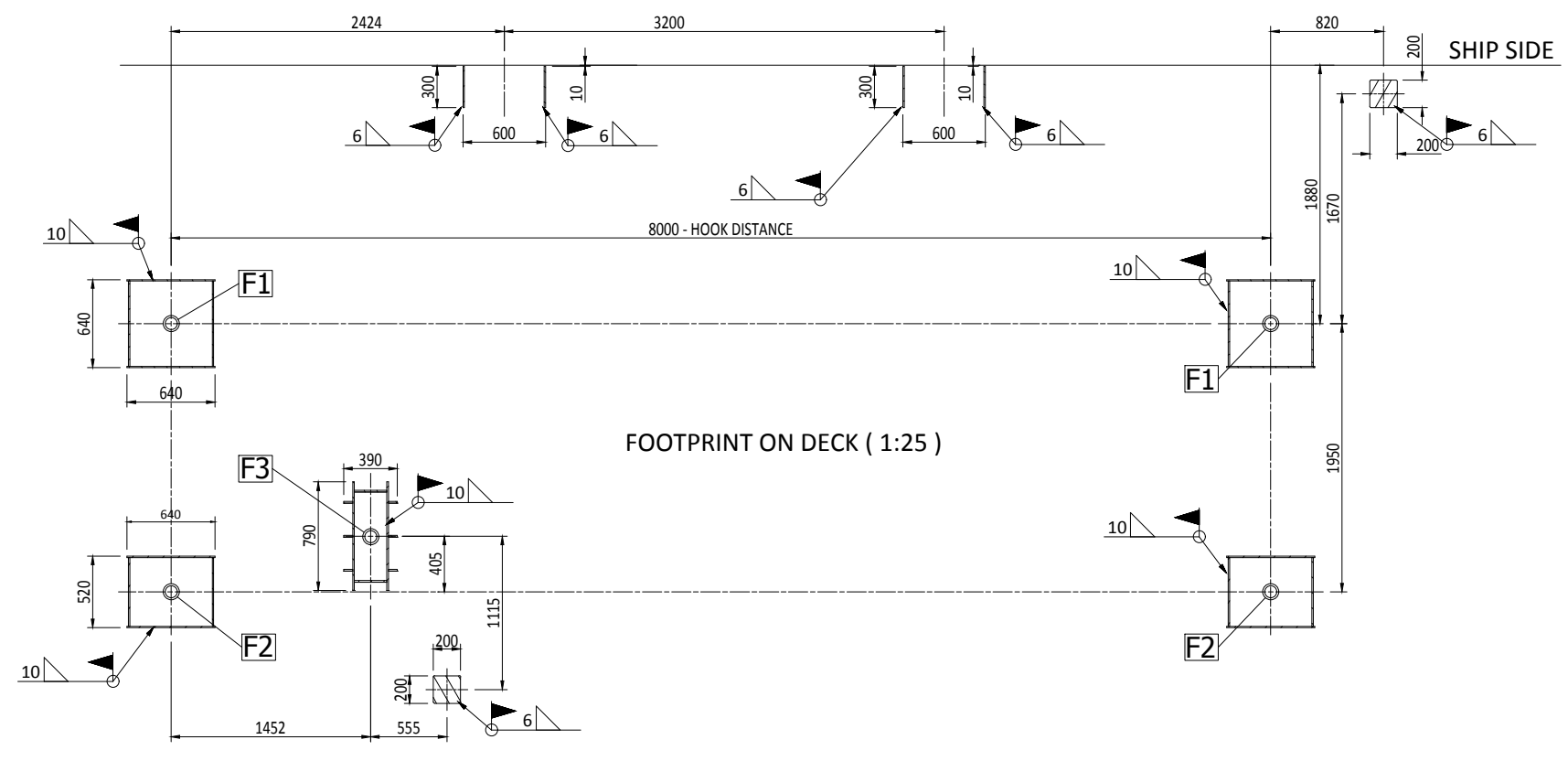
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|---|---------------------------------------|------------------|--------------------|
| DWG SIZE: A3 | SCALE: 1:20 | COPY OF: | PROJECTION METHOD: |
| CLIENT NO: | TOLERANCES: ISO 2768-mk, ISO 13920-BF | DWG No: G-500356 | REVISION: 5 |
| PROJECT: E-110 General Arrangement with Lifeboat Type JYN85 | PROJECT: General Arrangement | PART NO: | WEIGHT: |
| | | SHEET 1 / 2 | |



- NOTES:
1. IN CASE OF VESSELS CHAMBER DECK FOUNDATIONS ARE YARD SUPPLIED.
 2. FOR DIRECTION OF REACTION FORCES SEE LEGEND ON SHEET 1
 3. ALL FORCES ARE NOMINAL FORCES WITHOUT ANY FACTORS
 4. ALL FOUNDATIONS SHALL BE DESIGNED WITH A SAFETY FACTOR 4,5 AT MINIMUM.

JOINT LOADS ON EACH SIDE (FOR ORIENTATION OF FORCES SEE LEGEND)
 REACTIONS FOR DIFFERENT COMBINATION OF 20° LIST & 10° TRIM

| FRAME IN | | | | | | |
|-----------|---------|---------|---------|--------|--------|--------|
| | FORCE X | FORCE Y | FORCE Z | MOM X | MOM Y | MOM Z |
| F1 | ±0kN | ±4kN | ±1kN | ±1kNm | ±1kNm | ±0kNm |
| F2 | ±20kN | ±76kN | ±12kN | ±81kNm | ±23kNm | -8kNm |
| F3 | ±9kN | ±44kN | ±0kN | ±0kNm | ±0kNm | ±25kNm |
| FRAME OUT | | | | | | |
| | FORCE X | FORCE Y | FORCE Z | MOM X | MOM Y | MOM Z |
| F1 | ±121kN | ±248kN | ±19kN | ±37kNm | ±26kNm | ±31kNm |
| F2 | ±147kN | ±176kN | ±7kN | ±2kNm | ±6kNm | -59kNm |
| F3 | ±9kN | ±44kN | ±0kN | ±0kNm | ±0kNm | ±25kNm |



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|---------------------------------------|--------------------|----------|--|---------|-------------|
| DWG SIZE: A3 | SCALE: 1:20 | COPY OF: | PART NO.: | WEIGHT: | SHEET 2 / 2 |
| CLIENT NO.: | PROJECTION METHOD: | | E-110 General Arrangement with Lifeboat Type JYN85 | | |
| TOLERANCES: ISO 2768-mk, ISO 13920-BF | REVISION: 5 | | | | |
| DWG No: G-500356 | PROJECT: | | General Arrangement | | |