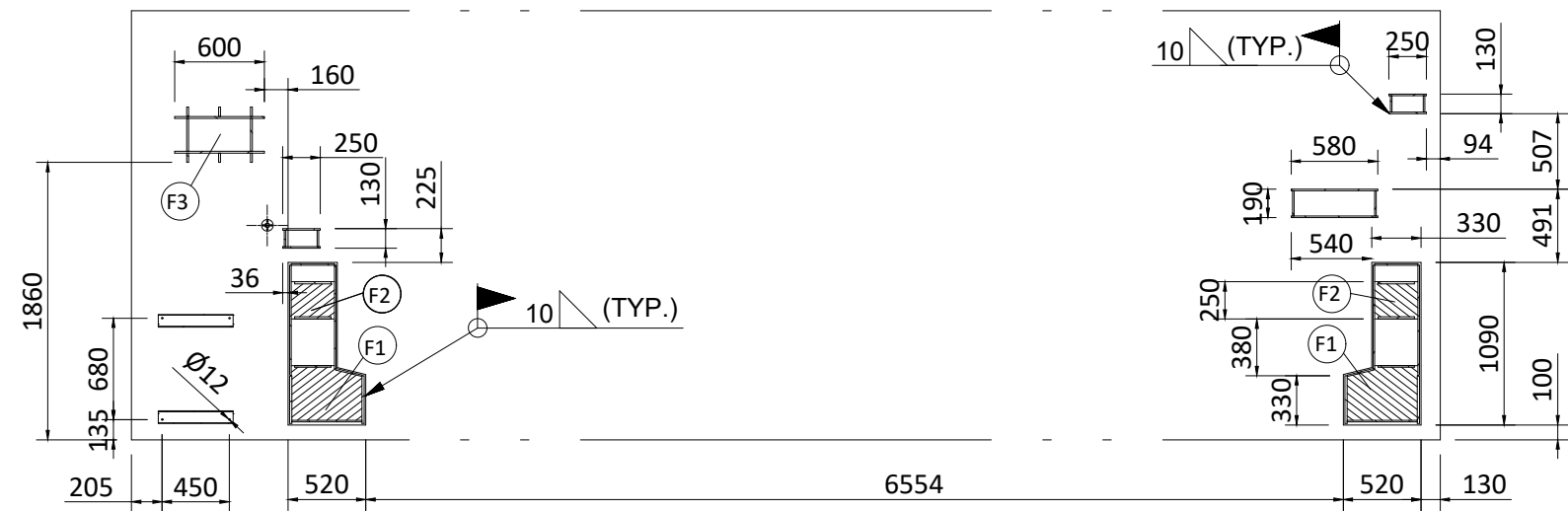


LHD-60 Lifeboat Davit

Technical data:
 Davit weight approx: 4150 kg
 Davit safety working load: 6110 kg
 Lowering: 6110 kg
 Hoisting: Empty lifeboat + 3 persons
 Max. installation height: 25 m (at 0° list & trim)

Reaction forces:
 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 any factors.



| REACTION FORCES IN DECK | | | | | | | | | |
|-----------------------------------|------|------------|----------|----------|---------|----------|----------|----------|--|
| Load case | Node | Indication | Fx (kN) | Fy (kN) | Fz (kN) | Mx (kNm) | My (kNm) | Mz (kNm) | |
| List +/- 20 deg & Trim +/- 10 deg | 1 | Max/Min | +12/-122 | +145/-50 | +6/-6 | +2/-30 | +17/-17 | 0/0 | |
| List +/- 20 deg & Trim +/- 10 deg | 2 | Max/Min | +134/0 | +82/-113 | 0/0 | 0/0 | 0/0 | 0/0 | |

| 2 | Updated boat view | ALJI | MISO | WAGU | 10.08.2021 |
|-----------------------------------|----------------------|---|----------|-------------------|----------------------|
| 1 | Resused for approval | SHWA | ALJI | WAGU | 01.07.2019 |
| REV | DESCRIPTION | BY | CHECK | APPRO | DATE |
| REVISION HISTORY | | | | | |
| | | VIKING Norsafe Life-Saving Equipment Norway AS P.O.Box 115 Tel: +47 37 05 85 00 4852 Færвик Fax: +47 37 05 85 01 NORWAY 24/7 Service: +47 37 05 63 33 Email: Viking-Norsafe@viking-life.com | | | |
| | | Drawn by | Check by | Appr. by | Initial release date |
| Project number | Project name | PGO | GNI | JJB | 18.05.2021 |
| Title | | Client number | | Material Number | |
| LHD-60 Lifeboat davit with JYN-65 | | | | Weight | |
| | | | | Projection method | |
| Drawing type | | Tolerances | | Scale | |
| GA | | ISO 2768-mK, ISO 13920-BF | | 1:50 | |
| Drawing Number | | Revision | | Sheet Size | |
| G-501438 | | 2 | | A3 | |
| | | | | Sheet No. | |
| | | | | 1/1 | |

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