

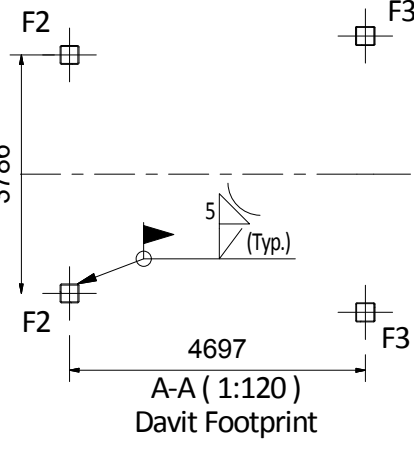
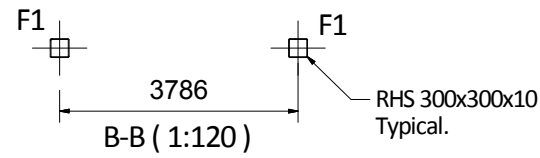
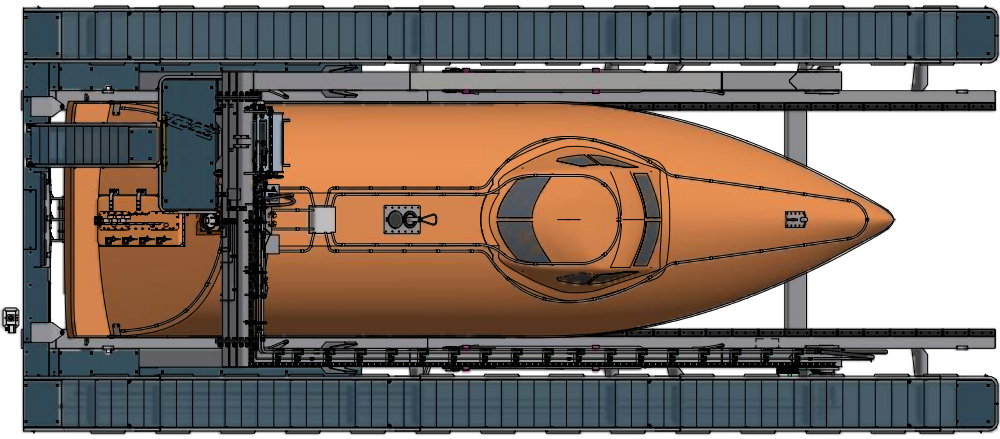
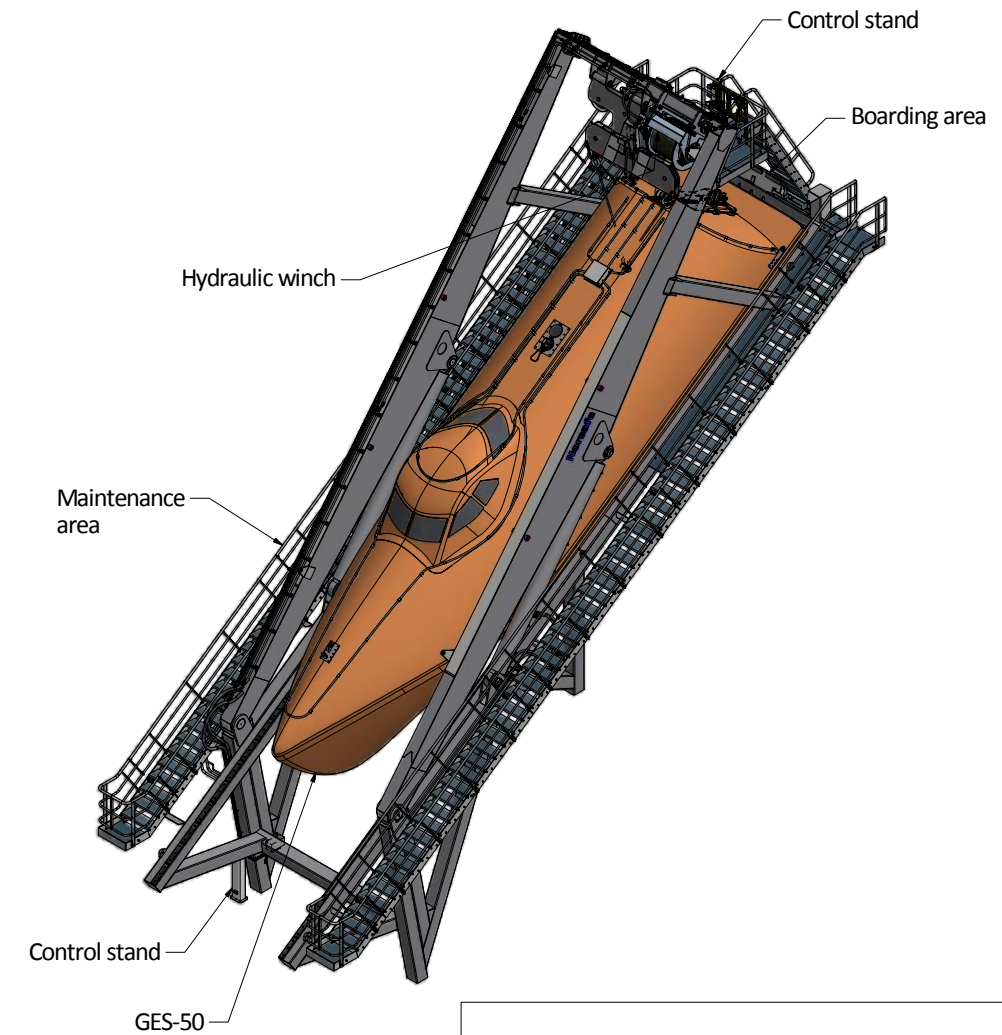
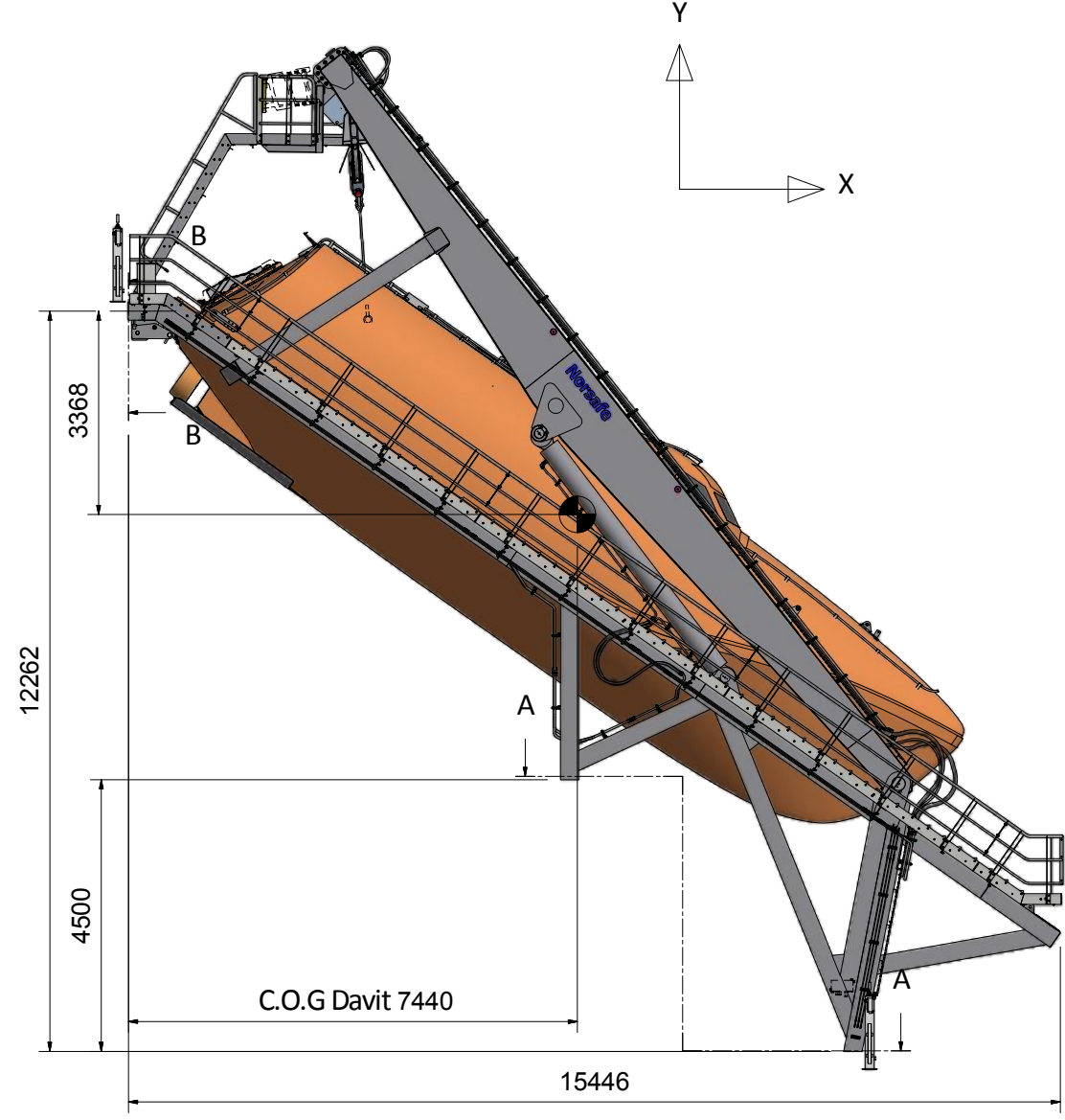
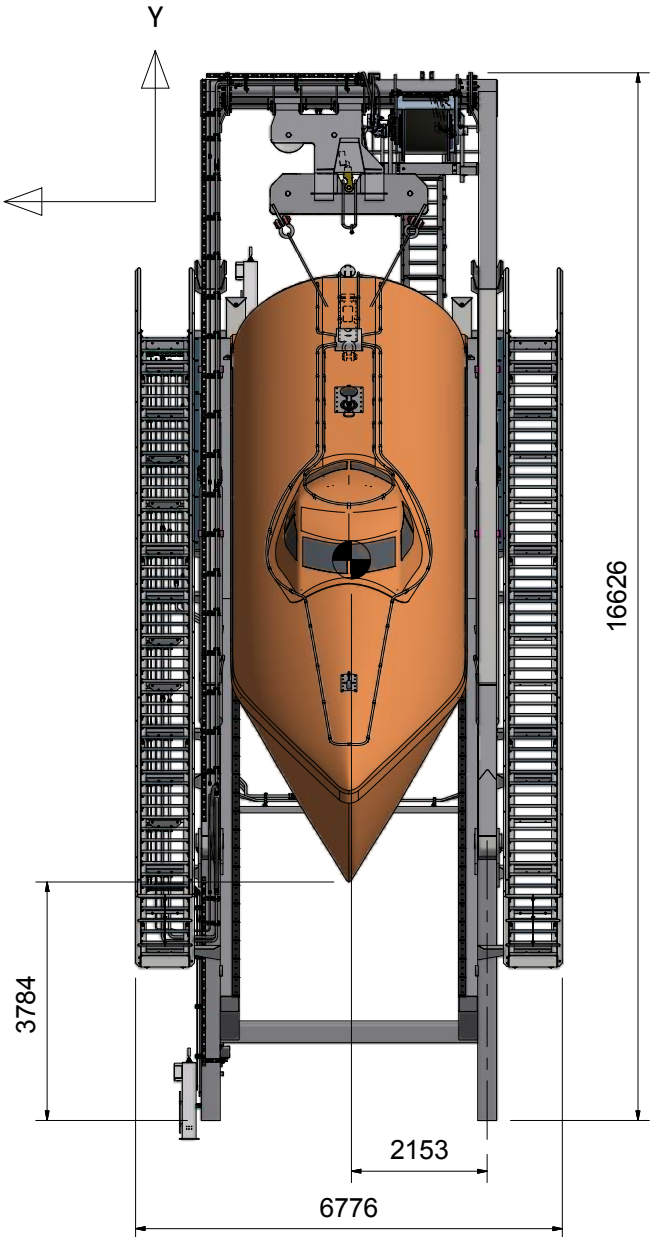
Viking Norsafe HD-50 Free Fall Lifeboat Davit

Technical Data:
 Davit weight approx: 35 500 kg
 Davit Safety Working Load: 26 500 kg
 Lowering: 26 500 Kg
 Hoisting: Empty lifeboat + 3 persons

Max installation height: 47 m
 Measured from lowest point on lifeboat to the sea level.

Reaction Forces:
 SOLAS: Unfactored reaction forces.
 R-002: Factored reaction forces. Loadcases according to Norsok R-002.

All reaction forces are nominal point loads and will not occur at the same time. Detailed reaction forces are documented in reaction force reports.



FOOTPRINT / INTERFACE REACTION FORCES AND MOMENTS							
Regulation or Standard	Interface id	Fx (kN)	Fy (kN)	Fz (kN)	Mx (kNm)	My (kNm)	Mz (kNm)
SOLAS list +/- 20 deg trim +/- 10 deg	F1	118	102	128	47	+ 71	140
SOLAS list +/- 20 deg trim +/- 10 deg	F2	310	164	72	161	+ 72	97
SOLAS list +/- 20 deg trim +/- 10 deg	F3	326	533	119	130	+ 61	72
R-002 list +/- 17 deg trim +/- 17 deg	F1	237	131	272	103	+ 213	187
R-002 list +/- 17 deg trim +/- 17 deg	F2	778	442	221	470	+ 215	240
R-002 list +/- 17 deg trim +/- 17 deg	F3	819	1237	334	360	+ 165	183

1	Changed to Viking Norsafe Logo	BEN	CMH	GNI	12.09.2019
0	Issued for information	GNa	SHel	KED	03.11.2016
REV	DESCRIPTION	BY	CHECK	APPRO	DATE

REVISION HISTORY

VIKING NORSAFE

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DWG SIZE: A3	SCALE: 1:120	COPY OF:	PART NO.:	WEIGHT:	SHEET: 1/1
CLIENT NO.:	PROJECTION METHOD:	HD-50 DAVIT DECK MOUNTED STANDARD GENERAL ARRANGEMENT			
TOLERANCES: ISO 2768-mk, ISO 13920-BF	REVISION: 1				
DWG No.: G-501434	PROJECT:				