

GENERAL SAIL DATA:

RIG GEOMETRY DATA:

1	18,700	Mils.	Mainsail area	53,898	Sq.Mts.	Hull beam Chiralidates	3.28	Mils.
2	9,240	Mils.	Foremast Cover Boarding	16,891	Deer			
3	6,920	Mils.	Sail Area	10,456	Mils.	Steeding Angle	16.81	Deer
4	6,920	Mils.	Sail Area	10,456	Mils.	Steeding Angle	16.81	Deer
5	2,700	Mils.	Vertical C.G.E.	2.18	Mils.	First Spreader Down	10.67	Mils.
6	1,750	Mils.	Horizontal C.G.E.	1.57	Mils.	First Spreader Length	1.57	Mils.
7	2,010	Kilos.	Displacement Full Load	-	Mils.	Second SP Down	-	Mils.
8	3,200	Kilos.	Displacement Full Load	-	Mils.	Second SP Length	-	Mils.
9	2,485	Mils.	Club-Cln	-	Mils.	Club-Cln	-	Mils.
10	2,485	Mils.	Club-Cln	-	Mils.	Club-Cln	-	Mils.
11	1,000	Yes = 1	Forward Jammers, Yes	= 1	0.00	Forward Jammers, Yes	= 1	0.00
12	1,000	Yes = 1	Intermediate Cap, Yes	= 1	1.00	Intermediate Cap, Yes	= 1	1.00

PANEL REQUIREMENTS IN 6000 SERIES ALLOY AND PANEL LOADINGS:

Panel No.	Panel Size (L x W)	Material	Weight	Load (kg)	Notes
1	1870 x 1750	6061	11056	11056	Compression Panel 1
2	924 x 1750	6061	5528	5528	Compression Panel 2
3	692 x 1750	6061	4136	4136	Compression Panel 3
4	2700 x 1750	6061	13680	13680	Compression Panel 4
5	1750 x 1750	6061	3061	3061	Compression Panel 5

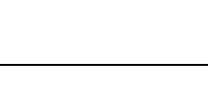
BRIGGING REQUIREMENTS:

Component	Material	Size	Weight	Notes
FORESTAY	6061	30	11056	
MIZZENSTAY	6061	30	11056	
MIZZEN BACKSTAY	6061	17	8321	
MIZZEN SHROUD	6061	17	8321	
MIZZEN STAY	6061	30	11056	
MIZZEN SHROUD	6061	17	8321	

PRINCIPAL DIMENSIONS:

Code 0 / Asymmetric Spi Sheet Load

Project	Lonsard 48	
Project ID:	213	R&C
Client:	29/Nov/11	DATE
Parameter		Adjusted
Luff length	P 17.80 m	21.54 m
Foot length	E 6.95 m	8.83 m
Sail area	SA 61.2 m²	90.80 m²
App. Wind speed	V 22 kts	35 kts
Dist. from clew to sheet attach.	X 0	1384.1
Mainsheet load	ML 1177.0 kg	3202.3



Code 0 / Asymmetric Spi Sheet Load

Project	Lonsard 48	
Project ID:	213	R&C
Client:	29/Nov/11	DATE
Parameter		Adjusted
Sail area	SA 54	150.0
App. Wind speed	V 15 kts	21 kts
Mainsheet Load	ML 710.1 kg	1397.8

Notes:
 - These are working loads.
 - 30 knots is the limit set for the loadings this equates to 20 knots true wind speed according to the Vpp studies.

ROBERTSON & CAINE
CUSTOM YACHT PRODUCTS

148 STD

SAIL PLAN - SVD

SCALE:	DRWING NO.:	DATE:	APPROVED BY:
NTS	DR	23/03/2021	AJ

FILE NAME:

DATE/SIGN MODIFICATION:
 ALT:

NOTES:

Panel E adjusted to achieve required SA whilst preserving AR
 These are working loads.
 30 knots is the limit set for the loadings this equates to 20 knots true wind speed according to the Vpp studies.