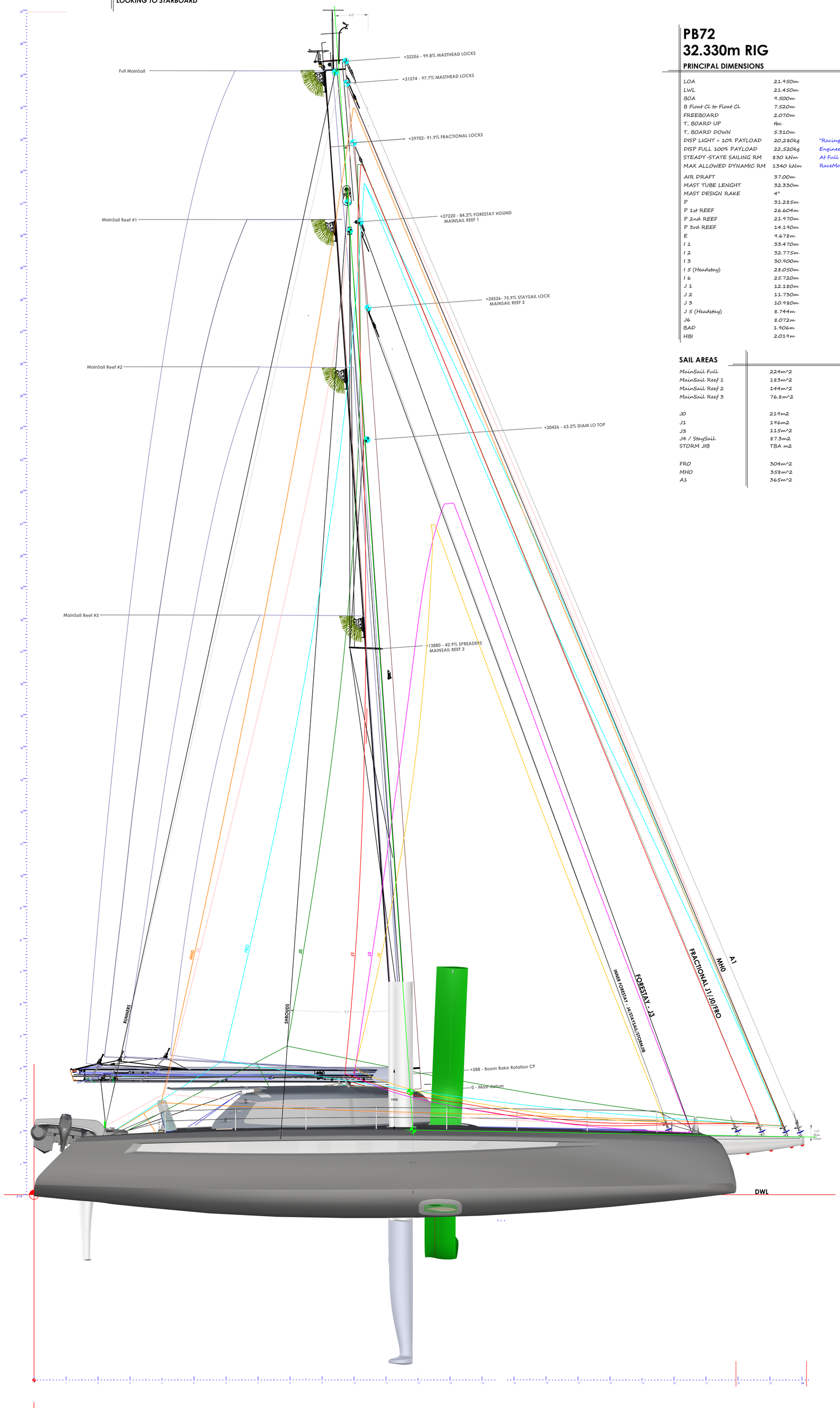
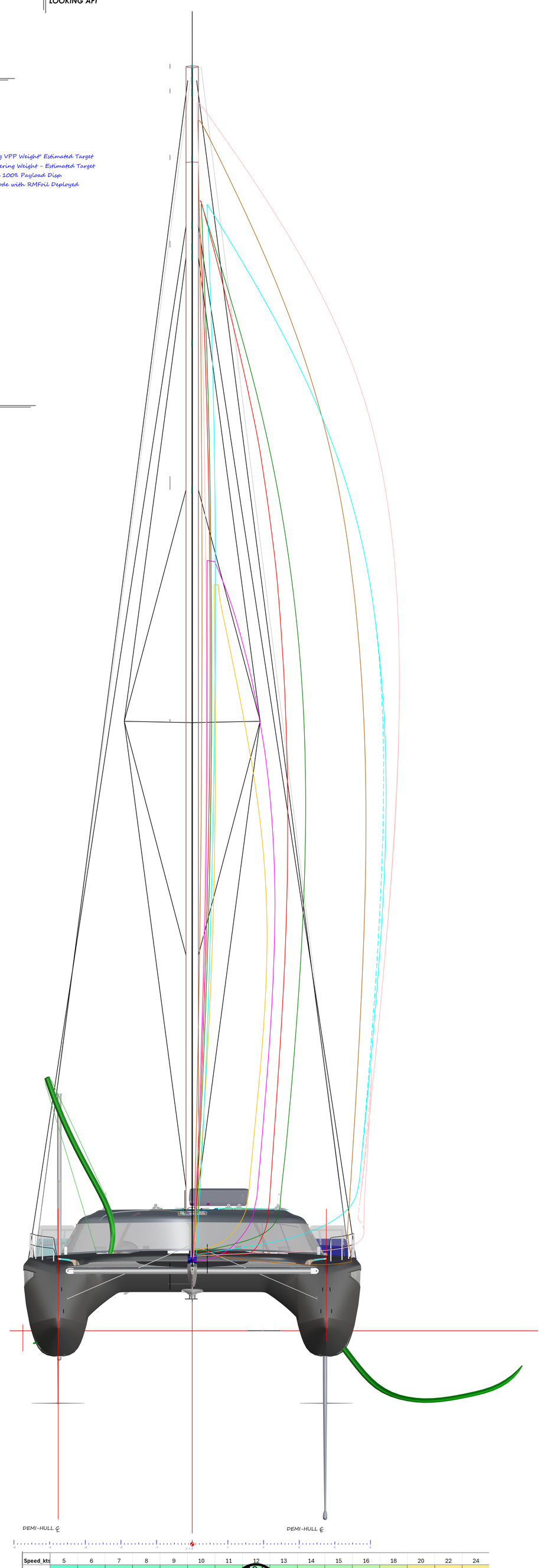
SIDE VIEW
LOOKING TO STARBOARD



FRONT VIEW
LOOKING AFT



PB72
32.330m RIG

PRINCIPAL DIMENSIONS

LOA	21.950m	
LWL	21.450m	
BOA	9.500m	
B Float CL to Float CL	7.520m	
FREEBOARD	2.070m	
T, BOARD UP	tbc	
T, BOARD DOWN	5.310m	
DISP LIGHT + 10% PAYLOAD	20,280kg	"Racing VPP Weight" Estimated Target
DISP FULL 100% PAYLOAD	22,520kg	Engineering Weight - Estimated Target
STEADY-STATE SAILING RM	830 kNm	At Full 100% Payload Disp:
MAX ALLOWED DYNAMIC RM	1340 kNm	RaceMode with RMFoil Deployed
AIR DRAFT	37.00m	
MAST TUBE LENGHT	32.330m	
MAST DESIGN RAKE	4°	
P	31.285m	
P 1st REEF	26.604m	
P 2nd REEF	21.970m	
P 3rd REEF	14.190m	
E	9.678m	
I 1	33.470m	
I 2	32.775m	
I 3	30.900m	
I 5 (Headstay)	28.050m	
I 6	25.720m	
J 1	12.180m	
J 2	11.730m	
J 3	10.980m	
J 5 (Headstay)	8.744m	
J6	8.072m	
BAD	1.906m	
HBI	2.019m	

SAIL AREAS

MainSail Full	224m^2
MainSail Reef 1	183m^2
MainSail Reef 2	144m^2
MainSail Reef 3	76.8m^2
JO	219m2
J1	196m2
J3	115m^2
J4 / StaySail	87.3m2
STORM JIB	TBA m2
FRO	304m^2
MHO	358m^2
A1	365m^2

Speed_kts	5	6	7	8	9	10	11	12	13	14	15	16	18	20	22	24
45	7.6	8.4	9.1	9.8	10.5	11.3	12.6	13.6	14.4	15.1	16.0	16.8	20.5	23.4	24.0	23.7
50	8.0	8.9	9.7	10.5	11.2	12.8	14.2	15.1	16.3	17.6	19.5	21.6	27.1	27.5	27.0	26.5
55	8.4	9.3	10.2	11.2	12.2	14.2	15.9	17.0	18.8	20.8	23.4	27.6	30.1	30.2	29.5	28.9
60	8.8	9.7	10.7	11.8	13.2	15.9	17.1	19.3	21.5	26.1	28.6	30.2	32.4	32.3	31.6	30.9
65	9.1	10.1	11.2	12.3	14.3	16.4	19.1	21.5	26.1	29.0	30.8	32.2	34.3	34.2	33.4	32.4
70	9.3	10.4	11.5	12.7	14.9	17.9	20.9	24.1	28.6	30.8	32.4	33.8	35.8	35.7	34.8	32.3
75	9.5	10.6	11.8	13.1	15.4	19.4	22.6	27.3	30.2	32.2	33.7	35.1	37.1	37.1	36.2	34.0
80	9.7	11.0	12.3	13.9	15.8	20.6	25.1	28.7	31.4	33.2	34.7	36.1	38.1	38.2	37.3	36.2
85	9.8	11.2	12.6	14.2	16.2	21.3	26.9	29.8	32.2	34.0	35.5	36.9	39.0	39.1	38.3	37.5
90	9.9	11.3	12.7	14.4	16.4	21.5	27.7	31.5	33.5	35.1	36.3	37.5	39.6	39.8	39.1	38.7
95	9.9	11.3	12.8	14.4	16.5	21.0	28.7	31.7	33.9	35.5	36.8	37.9	40.0	40.3	39.8	39.5
100	9.9	11.3	12.7	14.2	16.3	22.3	28.8	31.7	34.2	35.8	37.0	38.1	40.3	40.6	40.3	40.0
105	9.8	11.1	12.5	14.0	15.7	21.0	28.3	31.4	34.0	35.8	37.1	38.2	40.3	40.7	40.5	40.3
110	9.7	10.9	12.2	13.6	15.1	17.7	26.8	31.0	33.3	35.5	37.0	38.2	40.2	40.7	40.6	40.4
115	9.5	10.6	11.8	13.1	14.5	16.5	19.8	30.0	32.6	34.8	36.6	37.9	40.0	40.3	40.4	40.1
120	9.2	10.3	11.4	12.5	13.7	14.9	17.4	25.8	31.8	34.0	35.6	37.4	39.8	40.0	40.0	39.6
125	8.9	9.9	10.8	11.6	12.4	13.5	14.7	16.3	29.7	32.9	34.9	36.4	39.0	39.6	39.6	39.1
130	8.5	9.4	10.0	10.8	11.9	13.1	14.3	15.5	17.1	18.0	33.4	35.4	38.1	38.9	39.1	38.6
135	8.2	8.7	9.5	10.5	11.5	12.6	13.7	14.8	16.1	17.3	18.4	20.0	37.0	38.0	38.2	37.7
140	7.6	8.2	9.1	9.9	N/A	N/A	N/A	14.0	15.2	16.4	17.7	19.1	22.1	35.4	30.7	35.0

in knots

Seatrail Achieved Polar Targets

TOP VIEW
MAIN DECK - EXTERIOR

EXTREME H2O / PB72
RMFOIL ASSISTED POLAR SPEEDS

CWA Course Wind Angle	TRUE WIND SPEED (KNOTS) 5	6	7	8	9	10	11	12	13	14	15	16	18	20	22	24
45	7.6	8.4	9.1	9.8	10.5	11.5	12.9	13.9	14.7	15.5	16.0	17.4	20.5	23.4	24.0	23.7
50	8.0	8.9	9.7	10.5	11.4	13.0	14.3	15.5	16.7	18.1	19.5	21.6	27.1	27.5	27.0	26.5
55	8.4	9.3	10.2	11.2	12.2	14.2	15.7	17.4	19.3	21.1	23.4	27.6	30.1	30.2	29.5	28.9
60	8.8	9.7	10.7	11.8	13.2	15.3	17.5	19.8	22.0	25.1	28.6	30.2	32.4	32.3	31.6	30.9
65	9.1	10.1	11.2	12.3	14.3	16.4	19.5	22.1	25.3	29.0	30.8	32.2	34.3	34.2	33.4	32.4
70	9.3	10.4	11.5	12.7	14.9	17.9	21.2	25.8	28.6	30.8	32.4	33.8	35.8	35.7	34.8	32.3
75	9.5	10.6	11.8	13.1	15.4	19.4	23.0	27.9	30.2	32.2	33.7	35.1	37.1	37.1	36.2	34.0
80	9.7	11.0	12.3	13.9	15.8	20.6	26.3	29.3	31.4	33.2	34.7	36.1	38.1	38.2	37.3	36.2
85	9.8	11.2	12.6	14.2	16.2	21.3	27.6	30.2	32.2	34.0	35.5	36.9	39.0	39.1	38.3	37.5
90	9.9	11.3	12.7	14.4	16.4	21.5	28.3	31.5	33.5	35.1	36.3	37.5	39.6	39.8	39.1	38.7
95	9.9	11.3	12.8	14.4	16.5	21.0	28.7	31.7	33.9	35.5	36.8	37.9	40.0	40.3	39.8	39.5
100	9.9	11.3	12.7	14.2	16.3	22.3	28.8	31.7	34.2	35.8	37.0	38.1	40.3	40.6	40.3	40.0
105	9.8	11.1	12.5	14.0	15.7	21.0	28.3	31.4	34.0	35.8	37.1	38.2	40.3	40.7	40.5	40.3
110	9.7	10.9	12.2	13.6	15.1	17.7	26.8	31.0	33.3	35.5	37.0	38.2	40.2	40.7	40.6	40.4
115	9.5	10.6	11.8	13.1	14.5	16.5	19.8	30.0	32.6	34.8	36.6	37.9	40.0	40.3	40.4	40.1
120	9.2	10.3	11.4	12.5	13.7	14.9	17.4	25.8	31.8	34.0	35.6	37.4	39.8	40.0	40.0	39.6
125	8.9	9.9	10.8	11.6	12.4	13.5	14.7	16.3	29.7	32.9	34.9	36.4	39.0	39.6	39.6	39.1
130	8.5	9.4	10.0	10.8	11.9	13.1	14.3	15.5	17.1	18.0	33.4	35.4	38.1	38.9	39.1	38.6
135	8.2	8.7	9.5	10.5	11.5	12.6	13.7	14.8	16.1	17.3	18.4	20.0	37.0	38.0	38.2	37.7
140	7.6	8.2	9.1	9.9	N/A	N/A	N/A	14.0	15.2	16.4	17.7	19.1	22.1	35.4	30.7	35.0

DISPLACEMENT SAILING — Displacement mode, Traditional hull operation

HULL FLY NON-FOILING ASSISTED ZONE — Hull fly achievable, Minimal to no foil contribution

RMFOIL DEPLOYED FOIL ASSISTED ZONE — Foil contribution increasing, Efficiency and speed building

OPTIMAL PERFORMANCE ZONE — Full foil assistance, Maximum efficiency and speed

CONTROL VS SPEED "BACKING OFF" ZONE — Speed management required, Operate below max potential for best control

NOTE: Polar speeds are true wind speeds (knots). Values in table are boat speeds (knots).
Data predicted by the VPP program and partially validated during sea trials.

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PB72		DWG BY: FvanWest	SCALE 1 : 60
GENERAL ARRANGEMENT		CKD BY:	REVISION A
PB72_001	AUGUST 6, 2022	PAPER SIZE ARCH D	PAGE 1 of 1