

IMS RATING CERTIFICATE NO. 711500
 Based on: FULL MEASUREMENT (Metric)
 NOT VALID AFTER 30/06/96

IMS AMENDED TO JANUARY 1995
 Offshore Racing Council
 19 St James's Place, London
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IMS AMENDED TO JANUARY 1995
 Cert No 711500
 Off Meas'd: 10/JAN/90 NAIAD.OFF
 VPP: 27/OCT/95 08:51:48
 7115.DAT 27/OCT/95 08:48:38
 24/OCT/95 17:08:08

YACHT DESCRIPTION
 Name: NAIAD
 Sail No: 5466
 Class: FARR 40
 LOA: 11.895m Beam(HB) 4.013m
 Designer: FARR
 Builder: NAUTECH SYSTEMS
 Rig: FRACTIONAL SLOOP 150% Jib
 Keel/CB: FIXED KEEL
 PropInst: EXPOSED FEATHERING
 FwdAccom: YES
 HullCnst: CORED
 Forestay: ADJUST FND
 Spreaders: 2 Sets
 Runners: 1 Set
 Dates: AGE: 12/1984

RATING OFFICE: AUSTRALIAN YACHTING FED.
 Issued: 27/OCT/95
 Measured: 30/SEP/95
 Revalidation Authority: AYF
 Measurer: RICHARD FISHER

"I CERTIFY THAT I UNDERSTAND MY RESPONSIBILITIES UNDER THE IMS."
 OWNER:
 BRUCE GUY
 19 PITTEN CRIEF
 LAUNCESTON
 TAS. 7250

LIMITS AND REGULATIONS

Limit of Positive Stability: MEETS REQ
 Minimum Displacement: 2947kg
 Maximum Crew Weight: 740 kg
 Stability Index: 143.0

NOTE TO OWNER: The range available to revise crew weight is 525- 968 kg.

ECM 0.000 CBRC 0.000 CBMC 0.000 CBTC 0.000
 WCBA 0.0 CBDA 0.000 KCDA 0.000 ECE 0.000
 WCBW 0.0 CBDB 0.000 ENDPLATE ADJ (KEDA) 0.000

PROPELLER AND INSTALLATION
 PRD 0.520 PBW 0.133 PHD 0.063 PHL 0.125 ESL 0.910
 ST1 0.024 ST2 0.115 ST3 0.115 ST4 0.061 ST5 0.300
 PSA 19.300 PSD 0.025 PIPA 0.0052

FLOTATION DATA
 FFM 1.160 FFPs 1.102 F60 0.554 SG 1.027
 FAM 1.132 AFPS 0.899 LBG 9.970 PL 3830.000
 AW 25.000 APD 70.000 AWD 6.042 RM 243.5
 BW 50.000 BPD 137.000 BWD 6.042 RMC 243.5
 CW 25.000 CPD 68.000 CWD 6.042
 DW 50.000 DPD 38.000 DWD 6.042
 RM2 252.7 RM20 237.0 RM40 209.7 RM60 163.8
 RM90 96.6 CREW ARM (CRA) 1.570

CALCULATED LIMIT OF POSITIVE STABILITY: 146.4 DEGREES
 RATIO STABILITY CURVE AREAS, POSITIVE/NEGATIVE 18.459

HYDROSTATICS
 KEEL DRAFT (DHKO) 2.237 (DHKA) 2.290
 2ND MOMENT LENGTH (LSM1) 9.348 (LSM2) 9.583
 DISPLACEMENT (WEIGHT) (DSPM) 5869 (DSPS) 6859
 WETTED SURFACE (WSM) 25.36 (WSS) 26.98
 VCG FROM OFFSETS DATUM (FOR CLUB RM) (VCGD) -1.124
 VCG FROM MEASUREMENT TRIM WATERLINE (VCGH) -0.975
 INTEGRATED BEAM ATTENUATED WITH DEPTH (B) 3.061
 MAXIMUM SECTION AREA (AMST1) 1.472
 BEAM/DEPTH RATIO (BTR) 4.455
 EFFECTIVE DRAFT (D) 1.987
 2° HEEL (LSM2) 9.583 25° HEEL (LSM3) 9.532
 SUNK (LSM4) 10.958 AVG LENGTH (L) 9.622
 TRIM: 1mm/8.193m-kg SINK: 1mm/19.023kg

WIND-AVERAGED TIME ALLOWANCES FOR SELECTED COURSES

	6kt	8kt	10kt	12kt	14kt	16kt	20kt
Windward VMG	1079.9	878.4	774.1	717.1	685.1	666.7	649.4
Leeward VMG	1055.9	820.8	685.1	598.9	541.2	501.2	449.0
Olympic 6-Leg	997.3	802.2	697.9	637.7	600.9	576.9	546.9
Circular Rndm	816.3	663.3	581.9	534.5	504.8	484.5	457.3
Non-Spinnaker	897.8	720.4	623.7	566.4	530.3	506.4	476.7
Ocean for PCs	940.9	737.0	621.8	550.4	502.9	469.2	424.5

SAIL AREA: MAIN + FORETRIANGLE + MIZZEN (SA) 78.43
 MAIN: 48.68 SPIN: 99.09 GENOA: 46.35 MIZ'N: 0.00

FORETRIANGLE
 IG 14.381 SPL 4.108 HB 0.210 TL 4.130
 MW 0.124 J 4.108 MGT 1.09 MDT1 0.113
 GO 0.153 LPG 6.09 MGU 1.96 MDL1 0.172
 ISP 14.433 FSP 0.068 MGM 3.41 MDT2 0.058
 IM 14.483 LP 6.16 MGL 4.51 MDL2 0.080
 HBI 1.093 SFJ 0.070 MSW 26.8 BATX 1.988
 MYSL 14.26 MYSMW 7.39 P 15.230 BL1 1.700
 SL 14.20 SMW 7.39 E 5.595 BL2 2.970
 SPS 3.660 BAL 0.150 BAS 1.820 BL3 3.890
 LPIS 0.00 BD 0.265 BLP 3.10 BL4 1.370
 CPW 2.080

MIZZEN
 IY 0.000 PY 0.000 BY1 0.000 MDTLY 0.000
 EB 0.000 EY 0.000 BY2 0.000 HDL1Y 0.000
 YSD 0.000 BAY 0.000 BY3 0.000 MDLY 0.000
 YSF 0.000 BAY 0.000 BY4 0.000 MDLY 0.000
 YSM 0.000 BAY 0.000 BY5 0.000 TLY 0.000
 HBY 0.000 HBY 0.000 MGUY 0.000 MGHY 0.000

ILC WEIGHTED AVERAGE: 665.6

TIME ALLOWANCES IN SEC/MI BY TRUE WIND VELOCITY & ANGLE

	6kt	8kt	10kt	12kt	14kt	16kt	20kt
BEAT ANGLES	46.2°	43.7°	41.6°	39.8°	38.6°	37.9°	37.6°
BEAT VMG	976.4	806.5	732.2	693.9	671.6	658.4	647.6
52°	620.5	530.8	498.9	483.2	473.5	466.7	458.6
R 60°	577.7	510.3	483.8	467.1	456.5	449.3	439.6
E 75°	547.5	496.8	471.6	452.5	436.8	424.2	408.8
A 90°	549.1	490.0	462.2	441.6	425.4	413.3	396.5
C 110°	559.9	499.1	470.3	447.4	426.6	407.9	378.3
H 120°	596.1	515.4	482.4	457.9	435.9	415.4	380.4
135°	715.1	573.1	511.8	482.0	459.0	438.0	398.5
150°	872.7	685.2	580.2	518.7	487.0	463.5	422.2
RUN VMG	1007.7	791.2	669.9	581.3	525.3	492.4	447.8
GTBE ANGLES	138.0°	142.4°	149.5°	165.4°	172.0°	175.3°	175.7°

NOTE: To convert any time allowance above to speed in knots: Kt = 3600/TA

3001

IMS RATING CERTIFICATE No. 711500
 Based on: FULL MEASUREMENT (Metric)
 NOT VALID AFTER 30/06/99

IMS AMENDED TO JANUARY 1998
 Offshore Racing Council
 Ariadne House, Southport, Qld
 Copyright 1998

YACHT DESCRIPTION
 Name: NAIAD
 Sail No: 5466
 Class: FARR 40
 LOA: 11.895m Beam(MB) 3.992m
 Designer: FARR
 Builder: NAUTECII SYSTEMS
 Rig: FRACTIONAL SLOOP 148% Jib
 Keel/CB: FIXED KEEL
 PropInst: EXPOSED FEATHERING
 FwdAccom: YES SPIN: SYMMETRIC
 HullConst: CORED RudConst: STNDRD
 Forestay: ADJUST FWD BoomMtl: HEAVY
 Spreads: 2 Sets Inrfsty: NONE
 Runners: 1 Set Jumpers: YES
 Dates: AGE: 12/1984

RATING OFFICE:
 Issued: AUSTRALIAN YACHTING FED.
 15/OCT/98
 Measured: LOCKER BAG 806,
 18/SEP/98
 MILDEN S POINT,
 N.S.W. 2061

Revalidation Authority: AYF
 Measurer: RICHARD FISHER

"I CERTIFY THAT I UNDERSTAND MY
 RESPONSIBILITIES UNDER THE IMS."
 OWNER: *[Signature]*
 BRUCE GUY
 19 PITTEN CRIEF
 LAUNCESTON
 TAS. 7250

LIMITS AND REGULATIONS

Limit of Positive Stability: MEETS REQ
 Minimum Displacement: 3134kg; MEETS REQ
 Maximum Crew Weight: 766 kg.
 Stability Index: 102.8
 Accommodation Length: 17.895m
 Accom Certificate: C/R DA= 0.65%
 Plan Approval: NONE FILED

NOTE TO OWNER: The range available to revise crew weight is 415-766 kg.

TIME ALLOWANCES IN SEC/MI BY TRUE WIND VELOCITY & ANGLE

Wind Velocity:	6kt	8kt	10kt	12kt	14kt	16kt	20kt	CHECKSUM
BEAT ANGLES:	44.0°	43.2°	41.9°	41.1°	40.8°	40.8°	41.6°	(293.4)
BEAT VMG:	995.2	857.4	796.5	766.3	751.3	745.2	745.6	(5657.5)
52°:	642.7	560.0	531.7	518.3	511.3	506.8	502.7	(3773.5)
R 60°:	600.6	530.7	508.1	497.1	490.5	485.8	480.4	(3593.2)
E 75°:	569.1	509.2	483.9	471.4	464.1	458.4	450.6	(3406.7)
A 90°:	567.9	502.2	477.7	462.0	448.4	438.9	429.1	(3326.2)
C 110°:	585.0	509.5	476.3	454.5	438.8	428.2	413.1	(3305.4)
H 120°:	628.1	530.2	488.1	460.9	440.2	423.3	398.6	(3369.4)
135°:	740.7	596.6	523.2	486.2	460.2	438.3	400.2	(3645.4)
150°:	896.6	710.7	597.5	529.0	491.2	464.6	422.4	(4112.0)
RUN VMG:	1035.3	820.7	690.0	595.7	535.8	498.2	449.5	(4625.2)
GYBE ANGLES:	140.2°	144.3°	150.3°	164.2°	169.9°	173.5°	174.9°	(1117.3)

NOTE: To convert any time allowance above to speed in knots: Kt = 3600/TA

Performance Line Scoring -- Time Factor: 0.771 Distance Factor: 84.7

TIME ALLOWANCES FOR SELECTED COURSES

Wind/Lwd VMG	1109.4	892.9	774.7	704.2	660.2	631.9	599.4	(5372.7)
Olympic 6-Leg	1036.0	842.9	741.0	683.0	648.4	602.0	560.0	(5180.2)
Circular Rndm	846.3	697.6	610.3	564.0	536.0	518.0	495.8	(4262.0)
Non-Spinnaker	923.0	744.9	649.0	592.9	558.4	536.2	509.9	(4514.3)
Ocean for PCS	980.9	771.4	653.7	581.0	532.9	499.0	452.3	(4471.2)
For on-time method	TMF = 0.9533							ILC Weighted Avg: 708.1

IMS AMENDED TO JANUARY 1998 VPP: 15/OCT/98 15:48:40
 Cert No 711500 7115.DAT 15/OCT/98 15:48:20
 OFF Meas d: 10/JAN/90 NAIAD.OFF 24/OCT/95 17:08:08

CENTERBOARD AND DRAFT
 ECH 0.000 CBRC 0.000 CBMC 0.000 CBTC 0.000
 WCBA 0.0 CBDA 0.000 KCDA 0.000 ECE 0.000
 WCB 0.0 CBDB 0.000 ENDPLATE ADJ (KEDA) 0.000
 PROPELLER AND INSTALLATION
 PRD 0.520 PBW 0.133 PHD 0.063 PHL 0.125 ESL 0.910
 ST1 0.024 ST2 0.115 ST3 0.115 ST4 0.061 ST5 0.300
 PSA 19.300 PSD 0.025 PIPA 0.0052

FLOTATION DATA
 FFPS 1.102 AFPS 0.899 SFFP 0.545 SAFF 10.545
 FFM 1.231 FAM 1.037 FFPV 0.000 AFPV 0.000
 FF 1.232 FA 1.037 SG 1.024

INCLINING TESTS
 W1 16.800 PD1 44.000 PLM 1625.000 PL 1618.769
 W2 33.600 PD2 88.000 GSA 0.178 RSA 46.2
 W3 50.300 PD3 131.000 SMB 7.043 WD 12.100
 W4 67.100 PD4 176.000 RM 130.7 RHC 130.7
 RM2 137.6 RM20 124.0 RM40 101.9 RM60 63.5
 RM90 16.9 CREW ARM (CRA) 1.604

CALCULATED LIMIT OF POSITIVE STABILITY: 104.7 DEGREES
 RATIO STABILITY CURVE AREAS, POSITIVE/NEGATIVE 1.296

HYDROSTATICS MEASUREMENT TRIM-SAIL/JG TRIM-
 KEEL DRAFT (DHKO) 2.263 (DHKA) 2.307
 2ND MOMENT LENGTH (LSM0) 9.660 (LSM1) 9.859
 DISPLACEMENT (WEIGHT) (DSPH) 6287 (DSPS) 7161
 WETTED SURFACE (WSH) 26.19 (WSS) 27.82
 VCG FROM OFFSETS DATUM (FOR CLUB RM) (VCGD) 0.106
 VCG FROM MEASUREMENT TRIM WATERLINE (VCGH) 0.241
 INTEGRATED BEAM ATTENUATED WITH DEPTH (B) 3.126
 MAXIMUM SECTION AREA (AMST) 1.481
 BEAM/DEPTH RATIO (BTR) 4.573
 EFFECTIVE DRAFT (D) 1.999
 2° HEEL (LSH2) 9.861 25° HEEL (LSM3) 9.818
 SUNK (LSM4) 11.432 AVG LENGTH (L) 9.950
 TRIM: 1mm/8.738m-kg SINK: 1mm/19.744kg

SAIL AREA: MAIN + FORETRIANGLE + MIZZEN (SA) 79.00
 MAIN: 49.25 SPIN: 99.40 GENOA: 45.98 MIZ'N: 0.00

FORETRIANGLE MAIN & SPARS
 IG 14.381 SPL 4.108 HB 0.170 TL 4.130
 MW 0.124 J 4.108 MGT 1.20 MDT1 0.113
 GO 0.153 LFG 6.04 MGT 2.06 MDT1 0.172
 ISP 14.433 FSP 0.068 MGM 3.43 MDT2 0.058
 IM 14.483 LP 6.11 MGL 4.52 MDL2 0.080
 HBI 1.112 SFJ 0.070 MSW 30.9 MHT 212.0
 MSL 14.26 MSHW 7.39 P 15.230 MCG 4.675
 SL 14.30 SHW 7.39 E 5.595 BO 0.265
 SPS 3.660 LPS 0.00 EC 5.595 CPW 2.080
 TH NO JR 0.00 BAS 1.820 BAL 0.150

MIZZEN
 IY 0.000 PY 0.000 HBY 0.000 TLY 0.000
 EB 0.000 EY 0.000 MGY 0.000 MDT1Y 0.000
 YSD 0.000 ECY 0.000 MGY 0.000 MDT1Y 0.000
 YSF 0.000 BAY 0.000 MGY 0.000 MDT2Y 0.000
 YSNG 0.000 BAY 0.000 MGLY 0.000 MDT2Y 0.000
 HBIY 0.000 BAY 0.000 MGLY 0.000 MDT2Y 0.000

3001

3002

IMS RATING CERTIFICATE No. 711500
Based on: FULL MEASUREMENT (Metric)
NOT VALID AFTER 30/06/98
GPH 620.8

IMS AMENDED TO JANUARY 1997
Offshore Racing Council
19 St James's Place, London
Copyright 1997

YACHT DESCRIPTION
Name: NATAD
Sail No: 5466
Class: FARR 40
LOA: 11.895m Beam(MB) 3.992m
Designer: FARR
Builder: NAUTECH SYSTEMS
Rig: FRACTIONAL SLOOP 150% Jib
Keel/CB: FIXED KEEL
PropInst: EXPOSED FEATHERING
FwdAccom: YES
HullCnst: CORED
Forestay: ADJUST FWD
Spreadrs: 2 Sets
Runners: 1 Set
Dates: AGE: 12/1984
COMMENTS: rig data from 1st cert.

RATING OFFICE:
Issued: AUSTRALIAN YACHTING FED.
28/JUL/97
Measured: VOKER BAG 806,
11/MAR/97 WILSON'S POINT,
N.S.W. 2061

Revalidation Authority: AYF
Measurer: RICHARD FISHER
"I CERTIFY THAT I UNDERSTAND MY
RESPONSIBILITIES UNDER THE IMS."
OWNER:
BRUCE GUY
19 PITTEN CREEK
LAUNCESTON
TAS. 7250
OLD MAIN NOT TO BE USED FOR IMS RACE

LIMITS AND REGULATIONS
Limit of Positive Stability: MEETS REQ
Minimum Displacement: 3123kg: MEETS REQ
Maximum Crew Weight: 740 kg.
Stability Index: 110.3
NOTE TO OWNER: The range available to revise crew weight is 430-794 kg.

TIME ALLOWANCES IN SEC/MI BY TRUE WIND VELOCITY & ANGLE
Wind Velocity: 6kt 8kt 10kt 12kt 14kt 16kt 20kt
BEAT ANGLES: 44.7° 43.7° 42.1° 41.1° 40.5° 40.5° 40.9°
BEAT W/G: 997.5 848.2 783.5 750.8 733.7 724.8 717.4
R 60°: 596.4 525.8 501.6 489.7 482.1 476.3 468.2
E 75°: 564.3 506.0 479.7 464.8 456.5 449.9 439.9
A 90°: 563.3 498.9 472.6 458.7 443.9 432.7 419.5
C 110°: 577.9 507.0 474.1 451.5 434.6 421.7 404.7
H 120°: 618.4 526.6 486.4 459.3 438.1 420.3 392.8
135°: 730.8 589.4 520.6 485.0 459.2 437.2 398.9
150°: 884.9 702.8 592.2 526.7 490.1 463.8 421.2
RUN VMG: 1021.8 811.5 683.8 590.7 532.2 495.6 447.0
GYBE ANGLES: 140.1° 143.7° 150.5° 165.4° 171.4° 174.4° 175.5°
CHECKSUM (293.5)
(5555.9)
(3714.1)
(3540.1)
(3361.1)
(3289.6)
(3271.5)
(3341.9)
(3621.1)
(4081.7)
(4582.6)
(1121.0)

NOTE: To convert any time allowance above to speed in knots: Kt = 3600/TA

TIME ALLOWANCES FOR SELECTED COURSES
Wind/Lwd VMG 1100.2 883.3 764.6 693.6 648.8 619.4 583.7 (5293.6)
Olympic 6-Leg 1028.4 834.3 731.5 672.6 636.9 613.9 585.3 (5102.9)
Circular Rndm 859.1 684.8 603.4 556.7 528.0 509.0 484.3 (4205.3)
Spinnaker 913.5 736.3 640.8 584.8 550.0 527.2 499.0 (4451.6)
For PCS 971.3 783.0 645.8 573.2 525.0 490.7 463.1 (4412.1)
non-time method TMF = 0.9666 ILC Weighted Avg: 697.2

IMS AMENDED TO JANUARY 1997 VPP: 28/JUL/97 21:30:56
Cert No 711500 7115.DAT 28/JUL/97 21:27:48
OFF Meas'd: 10/JAN/90 NAIAD.OFF 24/OCT/95 17:08:08

CENTERBOARD AND DRAFT
ECM 0.000 CBRC 0.000 CBMC 0.000 CBTC 0.000
WCBA 0.0 CBDA 0.000 KCDA 0.000 ECE 0.000
WCBW 0.0 CBBB 0.000 ENDPATE ADJ (KEDA) 0.000
PRD 0.520 PBW 0.133 PHD 0.063 PHL 0.125 ESL 0.910
ST1 0.024 ST2 0.115 ST3 0.115 ST4 0.061 ST5 0.300
PSA 19.300 PSD 0.025 PIPA 0.0052

FLOTATION DATA
FFPS 1.102 AFPS 0.899 FGO 0.554 LBG 9.970
FFM 1.198 FAM 1.088 FFPV 0.000 AFPV 0.000
FF 1.198 FA 1.088 SG 1.027

INCLINING TESTS
W1 20.900 PD1 40.000 PLM 1625.000 PL 1618.769
W2 41.700 PD2 85.000 GSA 0.178 RSA 46.2
W3 62.600 PD3 133.000 SHB 7.043 WD 11.820
W4 83.500 PD4 187.000 RM 142.9 RMC 142.9
RM2 150.1 RM20 136.4 RH40 114.6 RM60 77.1
RM90 29.0 CREW ARM (CRA) 1.615
CALCULATED LIMIT OF POSITIVE STABILITY: 112.9 DEGREES

RATIO STABILITY CURVE AREAS, POSITIVE/NEGATIVE 2.013
HYDROSTATICS—MEASUREMENT TRIM—SAILING TRIM—
KEEL DRAFT (DHKA) 2.247 (DHKA) 2.295
2ND MOMENT LENGTH (LSMO) 9.643 (LSM1) 9.835
DISPLACEMENT (WEIGHT) (DSPH) 6020 (DSPS) 6920
WETTED SURFACE (WSM) 25.72 (WSS) 27.27
VCG FROM OFFSETS DATUM (FOR CLUB RM) (VCGD) -0.081
VCG FROM MEASUREMENT TRIM WATERLINE (VCGM) 0.064
INTEGRATED BEAM ATTENUATED WITH DEPTH (B) 3.084
MAXIMUM SECTION AREA (AMS1) 1.461
BEAM/DEPTH RATIO (BTR) 4.535
EFFECTIVE DRAFT (D) 1.990
2° HEEL (LSM2) 9.837 25° HEEL (LSM3) 9.818
SUNK (LSM4) 11.179 AVG LENGTH (L) 9.854
TRIM: 1mm/8.450m-kg SINK: 1mm/19.332kg

SAIL AREA: MAIN + FORETRIANGLE + MIZZEN (SA) 79.00
MAIN: 49.25 SPIN: 99.09 GENOA: 46.35 MIZ'N: 0.00
FORETRIANGLE—MAIN & SPARS
IG 14.381 SPL 4.108 HB 0.170 TL 4.130
IW 0.124 J 4.108 MGT 1.20 MDT1 0.113
GO 0.153 LPG 6.09 MGU 2.06 MDL1 0.172
ISP 14.433 FSP 0.068 MGM 3.43 MDT2 0.058
IM 14.483 LP 6.16 MGL 4.52 MDL2 0.080
HBI 1.106 SFJ 0.070 HSW 30.9 HWT 0.0
MXSL 14.26 HXSMW 7.39 P 15.230 MCG 0.000
SL 14.20 SMW 7.39 E 5.595 BD 0.265
SPS 3.660 LPIS 0.00 EC 5.595 CPW 2.080
TH NO JR 0.00 BAS 1.820 BAL 0.150

MIZZEN
IY 0.000 PY 0.000 HBY 0.000 TLY 0.000
EB 0.000 EY 0.000 MGTY 0.000 MDT1Y 0.000
YSD 0.000 ECY 0.000 MGYU 0.000 MDL1Y 0.000
YSF 0.000 BASY 0.000 MGYM 0.000 MDT2Y 0.000
YSMG 0.000 HBIY 0.000 MGLY 0.000 MDL2Y 0.000

Naiad

18/07/98

INPUT	WEIGHTS	PEND. DIST	DO FIRST		
148	16.8	44	44	44	44
111	33.6	88	44	88	44
74	50.3	131	43	132	43
37	67.1	176	45	175	45
		LIMIT 156/181		220	
	PLM =1625		GSA =0.178		RSA =46.24
	TUBE	1618.76635			
	WT. DIST.	12.1			
	RM1	130.743508			
	RM2	130.743508			
	RM3	131.74155			
	RM4	130.743508	TOLERANCE	LIMIT	
	RM	130.993018	6.54965091	137.542669	
				124.443367	

Bruce Guy

TL 413 26.9 lbs
WMAN ~~67 lbs~~ 59 lbs
MDT1 0472
MDL1 0473
MDT2 01058
MDL2 01059



Faint handwritten notes and markings, including the letters 'T' and 'L'.

1. Sluca's keel ✓
2. Gerald's Pole. - 3.00.7
3. Valthen Cales ✓
4. Sluca's Cales
5. Sluca - w main S Sky
6. SS - ~~main~~ -
7. Crew - Sluca. Safety log.
8. Sluca - to prop angle
9. Bruce - Prop Angle ✓
10. Bruce - Payments etc
11. Bruce - weight main
12. Bruce - crew weight. 740
13. Bruce - Track size. (Forestry)
14. Bruce - SFJ. **0.070**
15. Bruce - CF. **2.080**
- FB TRACK. = 0.033**

16. Bruce - Spreaders 3
 Jumpers 1
 Forestry Fixed.
 C/Racer C/R.
 Hull const Correct.
 Accom Swd mast Yes
 Riddle. Normal

FB TRACK. = 0.033

John

① ISP - on 1000?
 MDU 1/2)
 MDU 1/2) - ?
 TL

② Computer

measured from level

1994

IMS MEASUREMENT DATA SHEET

Certificate No

KA 7115

Yacht Name NAIAD		Sail No(12) 5466		Owners Name (36) BRUCE GUY.								
Designer (18) FARR		Builder (18) NAUTECH SYSTEMS		Address (36) 19 PITTEN CRIEF,								
Measurer (18) RICHARD FISHER 7006		Class (18) FARR 40		Suburb (36) LAUNCESTON								
CertNo(6) 711500	Reval Auth(12) AYF	Meas Date D M Y D M Y 30 9 95 12 3 87		State TAS	Postcode 7250							
Comment (36) NEW HULL MEASUREMENT			Comment (36) INCORPORATION INCUNATIONS FROM IOR.									
Comment (36) RIG MEASUREMENTS FROM IOR CERT - EXCEPT FOR NEW MAIN												
File.Off(12) NAIAD.01F	!ECM	!KCDA	!WCBA	!CBDA	!WCBB	!CBDB	!CBRC	!CBMC	!CBTC	AGE DATE 12/1/84		
!PT!PRD 2.0520	!ESL 0.910	!PSA 19.3⁴	!PHD 0.063	!PHL 0.125	!PSD 0.025	!ST1 0.024	!ST2/APH 0.115	!ST3/APT 0.115	!ST4/APB 0.061	!SIS 0.300	!PBW 0.133	
!FFH 1.160	!FAM 1.132	!FGO 0.554	!LBG 9.970	!SG 1.027	!PLM 383.300	!WMAIN						
!W1 25.0	!WD 6.012	!PD1 70.0	!W2 50.0	!ZERO 0.0	!PD2 6.042	!W3 137.0	!GSA 25.0	!PD3 6.042	!W4 68.0	!RSA 50.0	!PD4 6.042/383.0	
!IG 14.381	!ISP 14.433	!HW 0.124	!GO 0.153	!SPS 3660	!J 4.108	!SPL 4.108	!LPG 6.090	!FSP 0.068	!SMW 7.390	!SL 14.20	!HBS —	
!BAS 1.820	!P 15.230	!E 5.595	!BAL 0.150	!BD 0.265	!HB 0.21	!BLP 3.10	!BL1 1.700	!BL2 2.970	!BL3 3.89	!BL4 1.37	!BL5 —	
!MDT1 1.13	!MDL1 1.172	!MDT2 0.058	!MDL2 0.080	!TL 4.13	!MDT1Y	!MDL1Y	!MDT2Y	!MDL2Y	!TLY	!MGU 1.96	!MGH 3.41	
!BADY/BADS	!PY/PSF	!EY/EF	!BALY/BALF	!BDY/BDF	!HBY/HBF	!BLPY/BLPF	!BY1/BS1	!BY2/BS2	!BY3/BS3	!BY4/BS4	!BYS/BS5	
!Y/BADY	!EB	!IS	!YSF/OF	!MGTY/GF	!MGLY/HF	!YSD/S4	!YSMG/S5	!S6	!MGT	!MGL	1.09 4.51	
!CREW 740⁰	!SFJ 0.070	!CP 2080	!SPRD 2	!JMP 2	!IB 1	!IF 2	!FST 1	!REGS 2	!CNST 1	!ACCM 1	!ABS 0	!RUD 0

MEASURERS SIGNATURE

Richard Fisher 7006

TONY

AS DISCUSSED WITH BOTH JOHN HONEYSETT AND YOURSELF, WE HAVE NOT RE-INCLINED NAIAD. I HAVE TRANSFERRED THE INFO FROM IOR CERTIFICATE TO THE IMS DATA SHEET (ENCLOSED), APPART FROM SOME OF THE INCLINATION DATA. JOHN OR MYSELF DO NOT HAVE ANY OF THE OLD DATA SHEETS, SO PLEASE ACCEPT THE FOLLOWING INFORMATION TRANSCRIBED FROM THE IOR CERTIFICATE

AW = 25.0
BW = 50.0
CW = 25.0
DW = 50.0
AWD = 6.042
BWD = 6.042
CWD = 6.042
DWD = 6.042
~~APD~~ APD = 70.0
BPD = 137.0
CPD = 68.0
DPD = 138.0
DL = 3830

I WILL SUPPLY YOU WITH WMAIN, MDT1, MDT2, MDL1, MDL2 & TL ASAP - I WAS UNDER THE BELIEF I WOULD BE ABLE TO TAKE THESE STRAIGHT OFF IOR CERT - BOAT IS NOW 100km AWAY.

REGARDS

RICHARD FISHER

YACHT NAME :- NAIAD.

HMI LOG SHEET

CERTIFICATE No.:-

MEASURER RICHARD FISHER	MEAS NO 7006	CLASS FARE 40	DATE 30/9/95	COMPUTER FILE NAIAD.D0
PROP TYPE FEATHERING.	PROP INSTALL.	LOA 11.985	SFJ J	F'BOARDS

PORT

STARBOARD

STRING LENGTH 0.611			TEMPERATURE 15°C	STRING LENGTH 0.611			TEMPERATURE 15°C
STN NO	INSTR. HEIGHT	DIST FROM STEM	COMMENT	STN NO	INSTR. HEIGHT	DIST FROM STEM	COMMENT
1.	0.227	0.545	FFB & Φ	1.	0.467	0.545	FFB & Φ
2.	0.231	0.785	LOWER CWR BOW.	2.	0.467	1.700	
3.	0.231	2.300		3.	0.470	2.900	
4.	0.222	3.600		4.	0.468	4.210	
5.	0.214	4.925	Φ & FRONT KEEL	5.	0.471	4.925	Φ & FRONT KEEL
6.	0.213	5.300	MID FRONT EDGE KEEL	6.	0.471	5.725	BOTTOM FRONT KEEL (ALSO MAX CHORD).
7.	0.211	6.400	AFT EDGE KEEL & ESDS	7.	0.470	7.265	PRD.
8.	0.211	6.405	POKE THROUGH (NO KEEL)	8.	0.467	8.400	
9.	0.210	7.700		9.	0.459	9.604	
10.	0.212	9.000		10.	0.456	10.545	AFT FB & Φ (NOTE. Φ ON RUDDER - RUDDER HELP FIXED)
11.	0.210	10.200		11.	0.458	11.225	LOWER AFT TIP RUDDER
12.	0.210	10.545	AFT FB & Φ (Φ ON RUDDER)	12.	0.556	11.810	+ 0.175 to LOA.
13.	0.210	10.855	LOWER FRONT RUDDER	13.			
14.	0.210	10.975	AFT TOP RUDDER (COOE BOTTOM).	14.			
15.				15.			
16.				16.			
17.				17.			

PROP INSTALLATION

MAST

ST1 PHD
 ST2 PHK
 ST3 PRD
 ST4 PBW
 ST5 PSD
 PSH ESL

MBT1
 MBL1
 MBT2
 MDL2
 TL