

DEUTSCHER SEGLER VERBAND

IMS/IOR-MESSBRIEF

IMS RATING CERTIFICATE No. 99714 ---ILC---IMS AMENDED TO JANUARY 1999
 Based on: CLUB VCG (Metric) ! 693.7 ! Offshore Racing Council
 ---GPH--- ! --TMF-- ! Southampton England
 NOT VALID AFTER 31/DEZ/99 ! 615.8 ! ! 0.9730 ! Copyright 1999

IMS AMENDED TO JANUARY 1999 VPP: 12/MAR/99 17:08:03
 Cert No 99714 11M253.DAT 12/MAR/99 17:13:46
 OFF Meas'd: 24/MAR/93 110D.OFF 06/MAY/93 19:04:00

-----RATING OFFICE-----
 Name: LE PETIT PRINCE Issued: DEUTSCHER SEGLER-VERBAND
 Sail No: 11M 253 12/MAR/99 GRUENDGENSSTR 18
 Class: 11M ONEDESIGN Measured: 22309 HAMBURG
 LOA: 10.305m Beam(MB) 2.507m 29/APR/93
 Designer: RON HOLLAND
 Builder: PRECISION BOATS Revalidation Authority: D.S.V.
 Rig: FRACTIONAL SLOOP 100% Jib Measurer: ONEDESIGN
 Keel/CB: FIXED KEEL with WINGLETS
 PropInst: OUTBOARD/NO PROP "I CERTIFY THAT I UNDERSTAND MY
 FwdAccom: YES SPIN: SYMMETRIC! RESPONSIBILITIES UNDER THE IMS."
 HullCnst: HVYCORE RudCnst: STNDRD!
 Forestay: FIXED BoomMtl: HEAVY! OWNER:.....
 Spreadrs: 2 Sets InrFsty: ADJST! DIRK+RUEDIGER BRONESKE
 Runners: NONE Jumpers: NONE! HIMMELMOORCHAUSSEE 17
 Dates: AGE:0/1991 SERIES: 0/1991! 25451 QUICKBORN
 COMMENTS-----! XXXXXXXX

ONEDESIGN MB
 AUSREITEN NACH KLASSENREGELN OHNE SEERELING NUR KAT.5
 -----LIMITS AND REGULATIONS-----
 Limit of Positive Stability: MEETS REQ Measurement Inventory: 29/APR/93
 Minimum Displacem't 1858kg: MEETS REQ Accommodation Length: 8.148m
 Maximum Crew Weight: 342 kg Accom Certificate: RACING
 Stability Index: 104.0 Plan Approval: NONE FILED
 C/R HeavyItems Pitch Adjustm't 0.00000 Anchor(s) Weight: 0 Dist: 0.00
 Optional Age Allowance: 0.40%

NOTE TO OWNER: The range available to revise crew weight is 279- 515 kg.

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

Wind Velocity:	6kt	8kt	10kt	12kt	14kt	16kt	20kt	CHECKSUM
BEAT ANGLES:	44.5	41.9	40.6	40.0	39.7	39.6	40.3	(286.6)
BEAT VMG:	1012.8	877.0	820.4	791.8	776.0	768.8	775.8	(5822.6)
52 :	652.0	582.1	553.3	538.6	530.4	526.5	526.0	(3908.9)
R 60 :	610.4	551.9	528.4	515.8	508.3	504.2	501.4	(3720.4)
E 75 :	577.0	521.3	500.5	487.3	478.4	472.7	465.9	(3503.1)
A 90 :	566.2	516.3	485.1	467.2	455.9	447.5	436.2	(3374.4)
C 110 :	548.2	508.9	487.5	470.8	457.1	443.9	410.4	(3326.8)
H 120 :	557.7	503.2	478.4	459.5	443.0	427.5	399.8	(3269.1)
135 :	631.1	529.6	481.3	447.0	419.3	398.0	361.0	(3267.3)
150 :	765.1	615.7	535.9	488.2	450.4	412.9	340.5	(3608.7)
RUN VMG:	883.5	710.9	618.7	554.5	506.3	468.1	390.0	(4132.0)
GYBE ANGLES:	139.2	145.0	150.9	162.8	166.5	166.6	155.0	(1086.0)

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

----- TIME ALLOWANCES FOR SELECTED COURSES -----

Wind Vel:	6kt	8kt	10kt	12kt	14kt	16kt	20kt	CHECKSUM	PLT	PLD
Wnd/Lwd	1051.3	855.6	751.3	690.1	650.8	623.1	583.5	(5205.7)	0.903	262.8
Ol.6-leg	996.9	818.9	726.6	674.7	643.2	622.8	597.5	(5080.6)	1.071	366.9
CircRndm	813.4	672.6	600.2	559.1	533.3	515.3	489.5	(4183.4)	1.335	387.9
Non-Spin	953.4	766.8	666.0	606.8	570.0	546.1	517.0	(4626.1)	0.952	219.6
Ocean C.	948.1	751.4	641.7	574.0	528.8	496.3	450.7	(4391.0)	0.823	108.6

Performance Line Corrected Time = (PLT x Elapsed Time) - (PLD x Distance)

-----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
 WCBB 0.0 CBDB 0.000 ENDPLATE ADJ (KEDA) 0.095
 -----PROPELLER AND INSTALLATION-----

PIPA 0.0000
 -----FLOTATION DATA-----
 FFPS 0.750 AFPS 0.630 SFFP 0.485 SAFF 9.045
 FFM 0.800 FAM 0.703 FFPV 0.000 AFPV 0.000
 FF 0.802 FA 0.705 RMst 34.1 SG 1.012

-----INCLINING TESTS-----
 No inclining test was performed. Club righting moment is based on class standard vertical center of gravity of -0.055 to the offset file datum.

SMB 6.122
 RM2 36.7 RM20 30.9 RM40 23.6 RM60 14.9
 RM90 4.9 CREW ARM (CRA) 0.933
 CALCULATED LIMIT OF POSITIVE STABILITY: 107.9 DEGREES
 RATIO STABILITY CURVE AREAS, POSITIVE/NEGATIVE 1.540
 -----HYDROSTATICS-----MEASUREMENT TRIM--SAILING TRIM--
 KEEL DRAFT (DHK0) 1.715 (DHKA) 1.761
 2ND MOMENT LENGTH (LSM0) 8.040 (LSM1) 8.567
 DISPLACEMENT (WEIGHT) (DSPM) 1736 (DSPS) 2233
 WETTED SURFACE (WSM) 14.03 (WSS) 15.60
 VCG FROM OFFSETS DATUM (For CLUB RM) (VCGD) -0.055
 VCG FROM MEASUREMENT TRIM WATERLINE (VCGM) 0.010
 INTEGRATED BEAM ATTENUATED WITH DEPTH (B) 2.025
 MAXIMUM SECTION AREA (AMS1) 0.615
 BEAM/DEPTH RATIO (BTR) 4.789
 EFFECTIVE DRAFT (D) 1.657
 2 DEG HEEL (LSM2) 8.590 25 DEG HEEL (LSM3) 8.547
 SUNK (LSM4) 10.434 AVG LENGTH (L) 8.813
 TRIM: 1mm/4.127m-kg SINK: 1mm/10.808kg

SAIL AREA: MAIN + FORETRIANGLE + MIZZEN (SA) 44.56
 MAIN: 29.05 SPIN: 84.60 GENOA: 16.24 MIZ'N: 0.00
 -----FORETRIANGLE-----MAIN & SPARS-----
 IG 9.886 SPL 4.000 HB 0.140 TL 2.000
 MW 0.127 J 3.110 MGT 0.85 MDT1 0.088
 GO 0.154 LPG 2.65 MGU 1.60 MDL1 0.124
 ISP 12.160 FSP 0.000 MGM 2.93 MDT2 0.085
 IM 9.973 LP 3.11 MGL 3.72 MDL2 0.091
 HBI 0.696 SFJ 0.636 MSW 15.0 MWT 0.0
 MSL 11.92 MSMW 7.20 P 11.000 MCG 0.000
 SL 12.50 SMW 7.16 E 4.150 BD 0.115
 SPS 0.000 LPIS 0.00 EC 4.508 CPW 0.000
 TH NO JR 0.00 BAS 1.026 BAL 0.123

-----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 0.00 ECY 0.000 MGUY 0.000 MDL1Y 0.000
 YSF 0.00 BASY 0.000 MGYM 0.000 MDT2Y 0.000
 YSMG 0.00 BALLY 0.000 MGLY 0.000 MDL2Y 0.000
 HBIY 0.000 BDY 0.000

Illustrierter IMS-Messbrief '99

LE PETIT PRINCE
11M ONEDESIGN

11M 253

DIRK+RUEDIGER BRONESKE

IMS-GPH 615.8 sec/sm
IMS-TMF 0.973
ORC-CLUB GPH 612.8 sec/sm
ORC-CLUB TMF 0.9779
Altersvergütung (AV) .24 %

RIGG Konfiguration

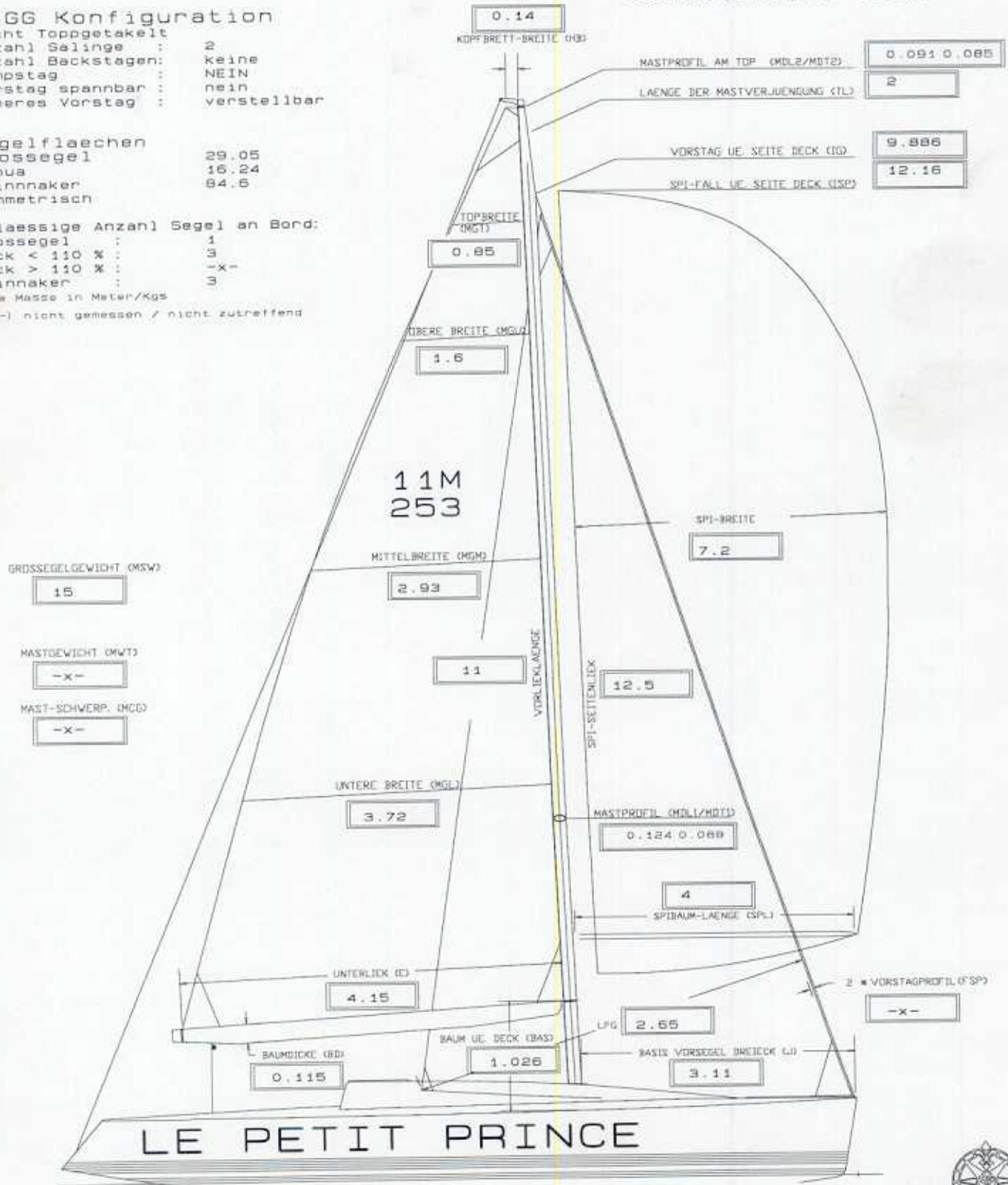
nicht Topgetakelt
Anzahl Salinge : 2
Anzahl Backstagen: keine
Jumpstag : NEIN
Vorstag spannbar : nein
Innere Vorstag : verstellbar

Segelflaechen
Grossegel 29.05
Genoa 16.24
Spinnaker 84.6
symmetrisch

Zulaessige Anzahl Segel an Bord:
Grossegel : 1
Fock < 110 % : 3
Fock > 110 % : -x-
Spinnaker : 3

Alle Masse in Meter/Kgs

(-x-) nicht gemessen / nicht zutreffend



Illustrierter IMS-Messbrief '99

LE PETIT PRINCE
DIRK+RUEDIGER BRONESKE

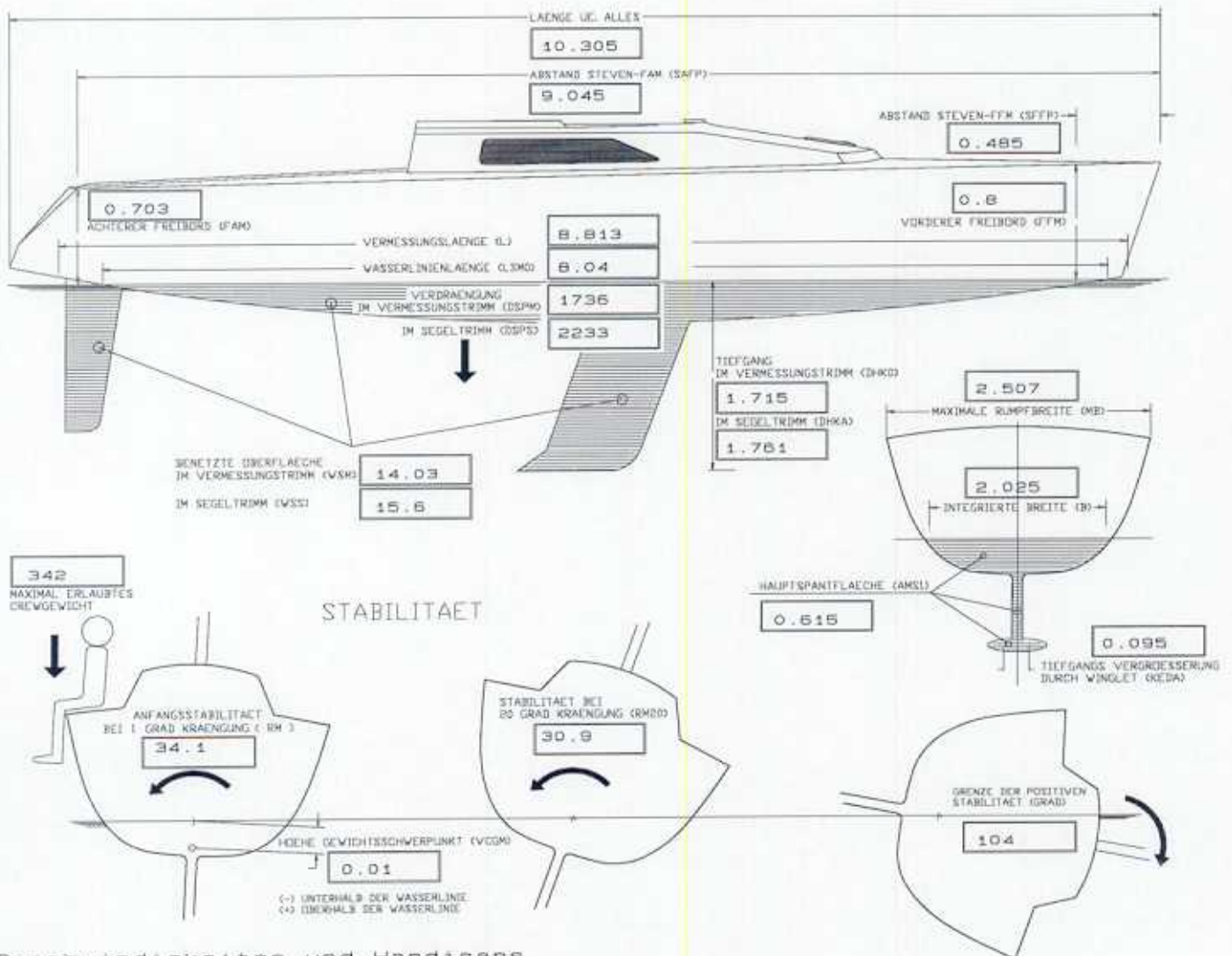
11M 253

11M ONEDESIGN

Baujahr 001991 Serienjahr 001991
Baumaterial Schweres Sandwich
Das Vorschiff ist ausgebaut

Kiel: Festkiel

Ihre Yacht wurde am 290493 von ONEDESIGN vermessen.
Die Rumpfermessung basiert auf der Offset-Datei 1100.OFF
Ihre Yacht wird eingestuft als: Racer
Der Messbriefstatus ist: vollvermessen



Geschwindigkeiten und Handicaps

Werte in Klammern inkl. Altersvergütung: .24 %
windstaerke

	5kn	8kn	10kn	12kn	14kn	16kn	20kn
Kreuz-VMG	3.55	4.1	4.39	4.55	4.64	4.68	4.64
=	1012.8 (1015.2)	877 (879.2)	820.4 (822.4)	791.8 (793.7)	775 (777.9)	788.8 (770.7)	775.8 (777.7)
110 Grad Reach	6.57	7.07	7.38	7.65	7.88	8.11	8.77
=	548.2 (549.5)	508.9 (510.1)	487.5 (488.7)	470.8 (471.9)	457.1 (458.2)	443.9 (445)	410.4 (411.4)
Vormwind-VMG	4.07	5.06	5.82	6.49	7.11	7.69	9.23
=	883.5 (883.5)	710.9 (712.6)	618.7 (618.7)	554.5 (554.5)	506.3 (507.5)	468.1 (469.2)	390 (391)

