

Appendix H – HARDWARE AND FITTINGS

The lists hereafter will be periodically updated to follow manufacturer's catalogues evolution.

The updated lists is published on the RC 44 website: www.rc44.com

H.1 ASSEMBLED HULL

DECK HARDWARE HARKEN-SPINLOCK		
Main		
T3243B.HL	1	Big Boat track low-beam
R32.1.8m	1	Big Boat Car with Standup, SWL:2041Kg, BL:4081Kg
H3169 (H563)	1	Big Boat End Control double sheave (pair) SWL:408Kg, BL:1040Kg
H1935	1	Big Boat Car Control, triple/low profile (pair) SWL:454Kg, BL:1134Kg
H1969	1	Black Magic block, single, swivel 75mm SWL:4536Kg
custom	1	custom Sheave Box
H754	1	Hi-Load Sheave
H3005	1	Footblock single/lockoff SWL: 2380Kg, BL: 4762Kg
H338	1	Micro Cam-Matic SWL:91Kg, BL:181Kg
H1972	1	Footblock single SWL:2380Kg, BL:4762Kg
H096	2	Bullet Upright SWL:136Kg, BL:907Kg
H150	2	Cam-Matic SWL:136Kg, BL:340Kg
H425	2	Standard Fairlead

Jib		
H1537	2	Genoa Lead Car Midrange, Ball Bearing SWL:1043Kg, BL:2086Kg
H1616.1.8M	1	Midrange track, low-beam
H1631	1	Midrange end control, single sheave (pair) SWL : 159Kg, BL: 397Kg
H1522	2	End stop
H1515	1	Double control block (pair) SWL:272Kg, BL:907Kg
H287	8	Bullet block Thru-deck SWL:136Kg, BL:907Kg
H356	4	Cam-Matic with Fairlead SWL:136Kg, BL:340Kg
H082	2	Bullet block SWL:136Kg, BL:907Kg
H340	4	Carbo block SWL:150Kg, BL:454Kg, for extra control line purchase
J2-6° Sheeting		
custom	2	Hard anodized thimble
H754	2	Hi load sheave
custom	2	Custom carbon sheave box
H3044	3	Black Magic Teardrop/HL SWL: 1134kg, BL:2268kg
H6065	2	57mm Padeye block, MWL: 850kg, BL: 1900kg
H343	2	29mm Carbo block Double/swivel with becket mwl: 229kg, BL: 737kg
H344	2	29mm carbo block triple/swivel MWL:449kg BL:907kg
H348	2	29mm Carbo block, single fixed, MWL:150, BL: 454kg

Jib		
Cunnigham		
Custom	1	Custom forestay shuttle provided by Pauger
custom	1	Custom carbon sheave box
custom	3	High Load sheave
H3044	2	57mm Black Magic Teardrop block MWL:1134kg BL:2268kg
H343	1	29mm Carbo block double/swivel MWL:229 kg, BL: 737kg
H344	1	29mm Carbo block triple/swivel, MWL: 449kg BL: 907kg
H340	1	29mm carbo block single/swivel, MWL:150kg BL:454kg
H150	1	Standard Cam-matic cleat, MWL: 136kg BL:340kg
Halyards		
H1990	3	Mastbase block/fixed SWL:2273Kg, BL:4545Kg
stopper	1	Spinlock XTS (6-8mm)
stopper	2	Spinlock XX
H1958	1	Black Magic single block 57mm HL SWL :1134Kg, BL :2268Kg
Vang		
H2650	1	Carbo block 40mm single/fixed SWL:485Kg, BL:1620Kg
H2636	1	Carbo block 40mm single/swivel SWL:485Kg, BL:1620Kg
H131	1	Big Bullet block, thru-deck, SWL: 136Kg, BL: 907Kg
H140	1	Big Bullet, pivoting exit/150, Cam-Matic, SWL: 136Kg, BL: 907Kg
H2607	2	Carbo block 57mm Cheek SWL:360Kg, BL:1080Kg
Spinnaker		
H3195	2	Single loop block SWL:1134Kg, BL:2268Kg
H1963	2	Footblock, single/high-load SWL : 1134Kg, BL : 2268Kg
custom	4	Pauger design 50mm sheaves in carbon housing
custom	2	custom carbon in line exit
H2606	2	Carbo block 57mm cheek SWL:360Kg, BL:1080Kg
stopper	2	Spinlock XTS 6-8mm
H2606	1	Carbo block 57mm cheek SWL:360Kg, BL:1080Kg
H1500	1	deck organizer
H2129	1	Eyestrapp
H134	1	Big Bullet block, in-line exit SWL:272Kg, BL:907Kg
H150	2	Cam-Matic SWL:136Kg, BL:340Kg
H459	1	Cam-Matic with EX Fairlead SWL 136Kg, BL 340Kg
custom	1	black anodised aluminum tack line bowsprit end fitting
custom	1	custom carbon in line exit
stopper	1	Spinlock XTS 8-14mm
Retriever		
H754	2	Sheave
custom	2	custom Sheave Box
H2607	2	Black Magic carbo block, 75mm SWL:2268Kg
H2601	1	Black Magic block, single, becket 57mm SWL: 359Kg

Backstay		
custom	2	Custom high load block in custom carbon sheave box
custom	2	High load sheave in custom aluminium casing or 75mm Black Magic Single Loop Block
custom	2	High load sheave in custom aluminium casing
custom	2	custom carbon in line exit
Tylaska	2	TYL-T8 LB or similar
stopper	2	Spinlock XTS 8-14mm
2606	2	57mm Carbo block cheek SWL 360 kg, BL 1080kg
Forestay		
custom	1	Sheave
custom	1	custom carbon Sheave Box
Holmatro	1	Forestay hydraulic ram
custom	4	sheaves with carbon sheave boxes
custom	1	forestay gauge
Cuningham		
H408	1	Triple block 16mm SWL:318Kg, BL:544Kg
H407	1	Double block, becket, 16mm SWL:204Kg, BL:544Kg
H082	1	Bullet block, single, SWL:136Kg, BL:907Kg
H113	2	Bullet block, pivoting cheek SWL:136Kg, BL:907Kg
H287	2	Bullet block Thru-deck SWL:136Kg, BL:907Kg
H150	2	Cam-Matic SWL:136Kg, BL:340Kg
H328	2	Standard Fairlead
H2650	1	Carbo block 40mm single/fixed SWL:485Kg, BL:1620Kg
H2636	1	Carbo block 40mm single/swivel SWL:485Kg, BL:1620Kg
Checkstay adjuster		
custom	2	Custom hard anodized thimbles
custom	2	Custom through mast fittings
H2600	2	57mm carbo block single/swivel, MWL:360, BL: 1080kg
H308	1	Through deck block MWL:680kg, BL1361kg
H2636	3	40mm carbo block, single/swivel, MWL: 220kg, BL:735kg
TrimTab		
custom	8	custom carbon Micro Footblock
H421	2	16mm, Thru-deck, SWL: 113Kg, BL: 544Kg
H338	2	Micro Cam-Matic SWL:91Kg, BL:181Kg
H424	2	Micro Fairlead
H404	2	16mm Block SWL 113Kg
H082	2	Bullet block, single, SWL:136Kg, BL:907Kg
custom	10	sheaves with carbon sheave boxes
custom	2	trim tab gauge
custom	1	Stainless steel trim tab shaft (as supplied by manufacturer)
custom	1	Carbon lever arm (anchor point at 700mm from pivot point)
custom	2	carbon slider for gauge system (Length=870mm from end-stopper to end-stopper)

Outhaul		
H082	1	Bullet block, single, SWL:136Kg, BL:907Kg
H113	2	Bullet block, pivoting cheek SWL:136Kg, BL:907Kg
H287	2	Bullet block Thru-deck SWL:136Kg, BL:907Kg
H150	2	Cam-Matic SWL:136Kg, BL:340Kg
H328	2	Standard Fairlead
H1559	1	Midrange fiddle, SWL: 816Kg, BL: 2268Kg
H1560	1	Midrange fiddle/becket, SWL: 816Kg, BL: 2268Kg
H3090	1	Black Magic block 75 mm single/swivel SWL: 1361 Kg BL: 2722 Kg
H2650	1	Carbo block 40mm single/fixed SWL:485Kg, BL:1620Kg
H2636	1	Carbo block 40mm single/swivel SWL:485Kg, BL:1620Kg

		<i>WINCH SYSTEM HARKEN</i>
Winches		
F 844268 00	1	B55.3 STR UD - Main sail winch
F 839474 00	2	B530 TCR UD - Primary winch
	2	B44.2 STA – Halyard winch
F 843471 00	2	Bevel Gear Box - LH
F 843470 00	1	Bevel Gear Box - RH
PEDxxxByyy Czz	1	Pedestal tube description as per drawing NEW
H338	2	Micro Cam-Matic SWL:91Kg, BL:181Kg
H424	2	Micro Fairlead
H421	1	16mm, Thru-deck, SWL: 113Kg, BL: 544Kg
8M-bbbb-21	1	Pedestal belt as per drawing 42050
F 842375 40	1	605 Tbox 2 disc., ped. Mounted, one disc. At other side
F 842650 00	2	Alluminum pedestal handle
F 842260 00	3	Disconnect button 120
E 42389 00 50	6	Alluminum drive shaft
A 42230 00	3	End flange upper plus stud screw
A 942231 00	3	End flange lower plus stud screw
A 39780 00	3	Straight coupling adapter 21-30
A 42395 00	3	Straight coupling 30/30 L=45
A 42393 00	3	Straight coupling 25/30 L=45
S 40475 00 80	9	Clip 25
A 40474 00	6	Spherical outer to 30-spline
S 42743 00 04	6	Nut 25 HL
	1	OVERDRIVE SYSTEM FOR PRIMARY WINCHES
B8SG	5	Ball Bearing Aluminium Winch Handle (B8SG from Harken or 8"/200mm OneTouch Power Grip from Lewmar)

<i>MAST & RIGGING</i>		
General		
Rig		
	1	variable section upper mast profile-prepreg carbon
	1	variable section lower mast profile-prepreg carbon
	1	boom-prepreg carbon
	6	spreader-prepreg carbon
	3	NC machined hard anodized Al spreader bar
	4	NC machined titanium mast junction washer plates
	72	10.9 M8x20 mast junction bolts
	1	custom carbon/aluminum gooseneck
	1	custom carbon rigid vang with internal purchase
	1	retractable/pivoting bowsprit-prepreg carbon
Hydraulic sys.	1	forestay hydraulic ram - Holmatro
	1	hydraulic control panel - Holmatro
	1	removable hydraulic mast jack - Holmatro
Standing rigging	1	Forestay PBO – supplier Future Fibers (FF)
	2	Backstay – Dyneema SK75, supplier Gottifredi Maffioli
	2	D1- PBO Shroud (Length=473mm; Diameter=10mm; BL=8,700kg), FF
	2	VD2-PBO Shroud (Length=954mm; Diameter=8mm; BL=5.300kg), FF
	2	VD3- PBO Shroud (Length=1361mm; Diameter=8mm; BL=5.300kg), FF
	2	VD4- PBO Shroud (Length=1730mm; Diameter=10mm; BL=8.700kg), FF
	4	custom carbon chain plates

<i>RUNNING RIGGING SPECIFICATION</i>					
<i>No.</i>	<i>Art.</i>	<i>Rope</i>	<i>Cover</i>	<i>Diameter (minimum)</i>	<i>BL (kg)</i>
Sheets					
1	Main sheet	Dyneema	yes	10mm	5920
2	Jib sheets	Dyneema	yes	10mm	5920
3	Spinnaker sheets	Dyneema	yes	8mm	3950
Halyards					
4	Main halyard	Dyneema	yes	8mm	3950
5	Jib halyard	Dyneema	yes	8mm	5920
6	Spinnaker halyard	Dyneema	yes	8mm	3950
Ropes - Deck / Mast					
7	Backstay	Dyneema	yes, PBO	10mm	5920
8	Genoa purchase	Dyneema		5mm	1530
9	Genoa control line	Dyneema	yes	7mm	
11	Main traveler	Dyneema	yes	6,5mm	
12	Tack line	Dyneema	yes	8mm	3950
13	Bowsprit control	Dyneema	yes	8mm	3490
14	Bowsprit out	Dyneema	yes	8mm	2100
15	Bowsprit stopper	Dyneema	Core only	4mm	1850
16	Trim tab control	Dyneema	yes	4mm	980
	Trim tab purchase	Dyneema	Core only	3mm	
17	Steering system	Dyneema	Core only	6mm	3950
18	Quadrant stopper	Dyneema	Core only	4mm	1850
19	Short sheets - genoa1	Dyneema	Core only	5mm	2790
20	Deck tension	Dyneema	Core only	6mm	3950
21	Lashing	Dyneema	Core only	3mm	900
22	Cunningham-purchase	Dyneema	yes	5mm	1020
23	Cunningham-sail	Dyneema	Core only	5mm	2790
24	Cunningham-regulation	Dyneema	yes	6mm	1530
25	Outhaul-end boom	Dyneema	Core only	8mm	7400
26	Outhaul-in boom	Dyneema	Core only	6mm	3950
27	Outhaul-purchase	Dyneema	yes	6mm	1530
28	Outhaul-regulation	Dyneema	yes	6mm	1530
29	Outhaul-end boom - loop	Dyneema	Core only	6mm	3950
31	Check stay - end block	Dyneema	Core only	4mm	1850
32	Check stay - purchase	Dyneema	Core only	5mm	2790
33	Check stay - purchase	Dyneema	yes	6mm	1530
34	Check stay - regulation	Dyneema	yes	6mm	2790
35	Drop-line spinnaker	Dyneema	yes	8mm	3490
36	Elastic rope			6mm	
51	Forestay strop	Dyneema	May be covered	14mm	10830
52	Runner strops	Dyneema	May be covered	10mm	5920

	Inbord sheeting				
37	First cascade	Dyneema	Core only	6mm	3950
38	Second/third cascade	Dyneema	Core only	5mm	2790
39	Regulation	Dyneema	yes	6mm	1530
	Jib cunningham				
41	Jib cunn. - tack line	Dyneema	yes	6mm	3950
43	Jib cunn. - lashing	Dyneema	Core only	4mm	2790
44	Jib cunn. - purchase	Dyneema	yes	6mm	1530
45	Jib cunn. - regulation	Dyneema	yes	8mm	2100
	Shackles				
47	TYL-T8 SB	T 8 Shackle Standard Bail		Spi + Jib Halyard	
48	TYL-H8	H 8 Halyard Shackle		Main Halyard	
49	TYL-T8 SB	T 8 Shackle Standard Bail		Tack line	
50	TYL-T5 SB	T 5 Shackle Standard Bail		Short sheet	

Definitions:

- All line shall meet minimum breaking load and minimum diameter stated above.
- Minimum rope size applies to the outside diameter of a covered rope (if a covered is indicated in the table above). There is no minimum length for the lines
- Any material is allowed for the cover, except PBO, unless stated in the table above
- Stripping is allowed
- **For the item 51 and 52 the minimum diameter applies to the core only.**

<i>STEERING SYSTEM JEFA-RIBA</i>		
Part No.	Quantity	Description
BS25-15	2	Bulkhead steerer-Jefa
CH5860	2	Chain assembly-Jefa, length: 605mm
AS140or5BT140	1	Lower bearing-Jefa
SLE140AL	1	Lower sleeve-Jefa
Gaiter	1	Sealing Kit for lower bearing-Jefa
4S100Z	1	Upper bearing-Jefa
SLE100AL	1	Upper sleeve with emergency tiller fitting-Jefa
EM42060Z	1	Al emergency tiller-Jefa
custom	4	carbon sheave box with sheave
custom	2	Carbon steering pedestal-RiBa
custom	2	Carbon steering wheel-RiBa
custom	1	Carbon steering quadrant with safety system

<i>ELECTRONICS B&G</i>		
Part No.	Quantity	Description
BGH300002	1	H3000 Hercules race base pack (include one gfd on base coffee grinder)
BGH270001	5	Hercules 20/20 display (5 unit on mast rack)
BGH030002	1	vertical wind sensor 1.04 meter
SEN-SPD-HPF	1	speed sensor
SEN-DPT-HPF	1	depth sensor
486-00-009	1	compass sensor
690-00-004	1	heel sensor
RRF-ACP	2	rudder angle and trim tab angle sensor
	1	NMEA GPS device
	1	Vhf hand set radio station

Connecting a load cell or any other device on the B&G system is not allowed.

<i>PROPULSION SYSTEM VOLVO</i>		
D1-20	1	Volvo inboard diesel engine (20HP)
	1	Volvo engine control panel
	1	Spinlock remote control
	1	S.S. fuel tank (16l)
	1	Hydraulic oil pump
	1	Plate heat exchanger for hydraulic oil
	1	S.S. hydraulic oil tank
	1	Retractable S.S. hydraulic SailDrive unit
	1	Fixed fthree blade propeller
	2	Up/down hydraulic ram
	1	Volvo up/down electro-hydraulic pump
	1	Volvo up/down remote control panel
	1	Exhaust system
<i>ELECTRIC SYSTEM</i>		
	1	12V 55Ah gel battery
	1	electric control panel
	1	main switch
<i>PLUMBING</i>		
	1	hand bilge pump - operated from cockpit
	2	electric bilge pump with automatic switch
	2	drainage fittings in the hull (for the boat on cradle)

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