

	DAVIS DORY PROJECT: CHAT SHEET #6 PRELIMINARY LIST OF MATERIALS FOR BUILDING AND FITTING OUT	Qty Required
	FUEL System:	
1	83 litre Italian-made Plastic fuel tank	2
2	1 ½ “ Elbow” tank filler	2
3	16mm tank breather fitting	2
4	38mm Fuel Filler Hoses	2
5	Colour coded deck filler	2
6	Breather takeoff	2
7	Breather 90 deg	2
8	Eastern fuel filter	2
9	Mercury type filter element	2
10	Fuel hose	12M
11	Fuel line bulbs	2
	STEERING System:	
12	Teleflex Baystar Hydraulic Steering: Front-Mount Kit	1
13	Ultraflex 3 spoke Steering Wheel - white	1
	ELECTRICAL System:	
14	Key Lock Master switch	1
15	12 terminal Bus bar	1
16	6 switch panel with circuit breakers	2
17	Tinned wire cabling 4mm black 15 amp	50M roll
18	4mm red 15 amp	50M roll
19	6mm black 45 amp	25M
20	6mm red 45 amp	25M
21	Cable tie mounts	50
22	Loom tube 10mmx10m	1
23	Loom tube 20mmx10m	1
24	(Batteries and battery boxes still to be purchased.)	(2)
	Cig Lighter Plug Outlets	
25	S/S Plug with built-in light	2
26	Thru panel plug with w/p knurl-nut	1
27	Female thru panel plug	1
	LIGHTING	
28	Ronstan Side navigation lights	Pair
29	Stern light waterproof/sealed (1 for cockpit low inner light)	2
30	Fold-down all-round white light	1
	Cabin/Pilothouse lights	
31	16 LED 12V	1
32	S/S red/white cabin light	1
	WATER System	
33	Plastimo flexible plastic tank 100L: 700x1050x250 Inlet 38mm ID hose, Outlet 13mm ID hose	1

34	Plastic deck filler 38mm ID hose	1
35	Manual Water Pump for sink	1
36	PVC 38mm Filler Hose	2M
37	Water hose – water tank up to sink	2M
38	90 DEG Skin fitting 25mm ID hose – sink outlet	1
	GALLEY	1
39	Sink and Plug for sink	
40	Sink Drain hose	1M
41	1Kg Fire extinguisher	1
42	Fire ext. moulded plastic storage compartment	1
43	Spirit Fuelled 2 burner stove	1
	HARDWARE:	
44	Large alloy Bollard for bow	1
45	Heavy duty alloy Cleats for stern	2
46	Anchor rope 3 strand nylon spliced/thimble 12mm	50 metres
47	Gal Anchor chain	3 metres
48	Galv. D-shackles 10mm	4
49	10LB Plough Anchor	1
50	S/S Pivoting Bow Roller	1
51	Black Docking Lines 10mmx6M	2
52	S/S Grab rails 457mm	6
53	S/S Grab rails 610mm	6
54	S/S Handrail 305mm	3
55	Soft Plastic fenders	3
56	Folding reef anchor 10mm	1
	GENERAL:	
57	Compass	1
58	Rule bilge pump with inbuilt float switch	1
59	3-way bilge pump switch	
60	Johnson General bilge/bait pumps 20mm ID hose	1
61	Transom Drain plugs	2
62	Transom mount bracket sliding – S/S wide track	1
63	Bait pump mount bracket with water pickup	1
64	Transom mount bracket sliding – alloy, narrow track	1
66	Rule 500 pump	1
66	BOMAR polycarbonate hatch 489x489 (for top of forward cabin)	1
67	Ronstan Inspection Ports waterproof plastic	6
68	Slop stoppers Round	2
69	Slop stoppers Oval	2
70	S/S Thru-deck fishing rod holders with cap	4
	FASTENERS ETC – and buy more as required:	
71	14g x 1” Silicone Bronze Boat Nails	1x500g
72	12g x 1” Silicone Bronze Boat Nails	2x500g
73	12g x 1 ½ “ Silicone Bronze Boat Nails	1x500g

74	12g x 2" Silicone Bronze Boat nails	1x500g
75	Stainless Steel coach bolts #8x50mm	20
76	Stainless Steel coach bolts #10x50mm	10
	Stainless steel screws:	
77	Stainless Steel Countersunk Phillips Self Tap Screws: #10x1"	100
78	Stainless Steel Countersunk Phillips Self Tap Screws:#12x1.5"	100
79	Stainless Steel Countersunk Phillips Self Tap Screws: #10x1.5"	100
80	Stainless Steel Countersunk Phillips Self Tap Screws: #10x2"	100
	S/S Hex Head Bolts:	
81	1"x 1/4" with nyloc nut, flat washer	20
82	1 1/2" x 5/16", nyloc nut, washer	30
83	2" x 5/16", nyloc nut, and large diameter washers	20
84	Shouldered s/s eyebolt 120x12mm	2
85	Stainless Eye nut 12mm	2
	TRAILER REQUIREMENTS	
86	Forward centre bow support:200mm wide Keel rollers	2
87	Axle 20mm diameter for 200mm rollers	3
88	Double rocker for 200mm rollers	1
89	Bracket on posts for 200mm roller	1
90	Bolt-on double clamp (for bracket posts)	1
	For Bottoms support:	
91	Yokes for wooden skids (straight - for forward support risers)	4
92	Weld-on clamps for yoke stems	4
93	Trailer skid strip in 1.5m lengths	14
94	Hardwood Planks 5000x150x50	TBA
	Trailer Hardware:	
95	Extra Heavy Duty AL-KO Winch with wire, hook	1
96	10mm Grade L Galvanised Chain	2m
97	S/steel U-bolt 150x12mm (for tow eye)	1
98	H/D Ratchet drive jockey wheel	1
99	AL-KO 3500Kg Hitch for 50mm Ball	1
	Trailer Undercarriage:	
100	AL-KO 1400Kg IRS Axles complete with galvanised disk brakes	2
101	Sens-a-Brake Electric-Hydraulic actuator and break-away kit	1
102	Dunbier 14" Galvanised Rims with 185R14 Light Truck tyres (each rim and tyre rated 850Kg)	5
103	Steel [See Project Chat Sheet #2]	List
	PAINT: Initial supply	
104	Norglass Shipshape Epoxy Primer Undercoat	1x4 litre
105	Weatherfast White Undercoat	1x4 litre
106	Norglass Weatherfast Gloss Enamel	2x4 litres
107	Norglass Weatherfast Satin White (Non-glare inside)	2x1 Litre
108	Norglass Weatherfast Slip Resistant Deck Paint	2x1 litres
	EPOXY: Initial Supplies	
109	Bote-Cote Resin and Hardener - 30 litre kit	30 litre kit

110	Epoxy Filler	4 litres
111	Dynel sheathing cloth 1000 wide 120GSM	20 metres
112	Fibreglass tape 150mm wide	20 metres
113	Chemical-proof gloves [large pack]	1
	PLY & TIMBER:	
114	2400x1200x12mm A-bond BB Ply	17 sheets
115	2400x1200x9mm A-bond BB Ply	15 sheets
116	2400x1200x6mm A-bond BB Ply	2 sheets
117	Celery Top Pine Select Sawn 125x40 for transom	10m
118	Celery Top Pine Select Sawn 125/100x20 framing - mixed	75m
119	Merbau Post 2400x140x140	1
120	Radiata Pine 6000x90x45 – for bench, and for frame supports etc	10
121	Particle Board cover sheet 2400x1200 for bench top	1
122	Gunwales Rubber Protection Strip (Hemingway Australia)	17m
	Items Not Yet Sourced/Ordered/Acquired: For Later	
	Front Windscreens for Pilothouse	TBA
	Side windows for Pilothouse	TBA
	Long cables set and electrics loom for motor	TBA
	(PROJECT MATERIALS LIST VERSION)	(1.0)

Notes:

- This preliminary procurement list (VERSION 1.0) was prepared in early October 2008 to enable construction of the boat and its trailer to commence, with the intent that trailer work would be undertaken during the usual ‘wait periods’ during hull construction – with chassis completed on wheels to be available by the time the hull is ready to be turned right-side-up.
- Initial stocks of fasteners – the epoxy, boat nails, stainless steel screws, bolts etc – will require supplementation as the project progresses.
- The preliminary bill of materials and the outfitting list for the boat will (inevitably) prove to be inadequate or incomplete, as this is the first build of this boat design. Additional quantities of listed material, any different materials determined during the build, or additional items not thought of in the preliminary stages of the project, will be required.
- The list will be updated throughout the project, to reflect changes to or addition of items, or changes to quantities, with the view to producing a final ‘As-Built’ list of materials.