

THE GOLANT GAFFER

5.8M (18'9") L.O.D. TWO BERTH CRUISER - SPARKLING PERFORMANCE -
BUILD HER YOURSELF - PLANS WITH FULL SIZE BULKHEAD TEMPLATES



GOLANT GAFFER
STUDY DETAILS

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THE GOLANT GAFFER

Following the launch of G1 "IRENA" in May 1995 we have been delighted with the response to the Golant Gaffer concept and sail numbers are now in the late 90s with many boats now launched and sailing.

The construction produces a tough little boat, a ballast ratio of 45% and a hull with good form stability makes her very stiff and able to carry her full sail at the top end of a Force 4. Complete control of all sails is from the cockpit as both headsails are roller furled and all halyards lead to the cockpit. The mainsail, topping lift and reefing lines are all within easy reach by standing in the safety of the companionway. When reducing sail in stronger winds good balance is obtained by using different combinations of sail from one reef in the mainsail with jib, down to two reefs and the staysail.

Under power she is extremely manoeuvrable with her Yanmar 1GM10 driving through a two bladed sailing propeller. She will turn in her own length and has reasonable control going astern. The bowsprit is readily retractable if necessary to reduce berthing costs and the mast can be raised and lowered with two people. We have made short beaching legs for IRENA to dry out upright and these can be stowed in the cockpit locker.

Although it would be possible to sleep on the cockpit seats, the design is really a two berth boat. This can be made more comfortable by raising the floorboard in the cabin and utilising the back rest cushions as an infill to form a wide double berth, albeit obstructed by the main post. The toilet through the folding door uses a Portapotti, although small sea toilets have been installed by some owners. There is good stowage in this area for hanging oilies etc and a large chain locker. Headroom is limited to keep the profile to the deck which is so important in a small boat and this is borne out by the flattering comments we have received. The galley consists of a non-gimballed two burner/grill gas cooker and a lift out washing bowl which when covered forms a small chart table. This area has plenty of lockers and shelves. The engine box lid makes an excellent work surface and table.

A reasonable amount of woodworking experience is necessary rather than boat building as the form of construction is extremely easy using pre shaped cedar strip planking glued together with epoxy and coated with a layer of glass fabric bonded in epoxy. This forms a very tough and lightweight construction. The egg box system shown in the sketches provides a very accurate base to work from but we emphasise here that time must be taken at this initial stage to ensure accuracy of setting out properly.

We built IRENA in a shed measuring 6.7m x 4m at an angle with not much space at each end - headroom of 2.3m is sufficient. We worked without help (apart from moving her out of the shed on completion) using normal handtools which included a jigsaw and electric planer and battery screwdriver as all the wood was purchased finished to the correct sizes. We did hire a hand circular saw to take the corners off the wood for the mast.

We purchased the cedar strip from Joseph Thompson & Co Ltd. Another supplier is Robbins Timber in Bristol. The glue used is the West System epoxy - their technical department is very helpful. The lead keel was made for us by a foundry in Cornwall who specialise in keels - they have the pattern for the Golant Gaffer keel and are able to supply and delivery. All the purpose made metal fittings are now available from Classic Marine of Woodbridge in bronze or galvanised steel.

The price for the plans including the royalty and rights to build one boat only with the sail number issued at the time of purchase is **£320.00**.



LOD 6.7m (22'0")
LWL 6.43m (21'3")
BEAM 2.53m (8'4")
DRAUGHT 0.60m (2'0")
DISPLACEMENT 497kg
BALLAST RATIO 45%
TOTAL SAIL AREA 24.66m² (265 sq ft)

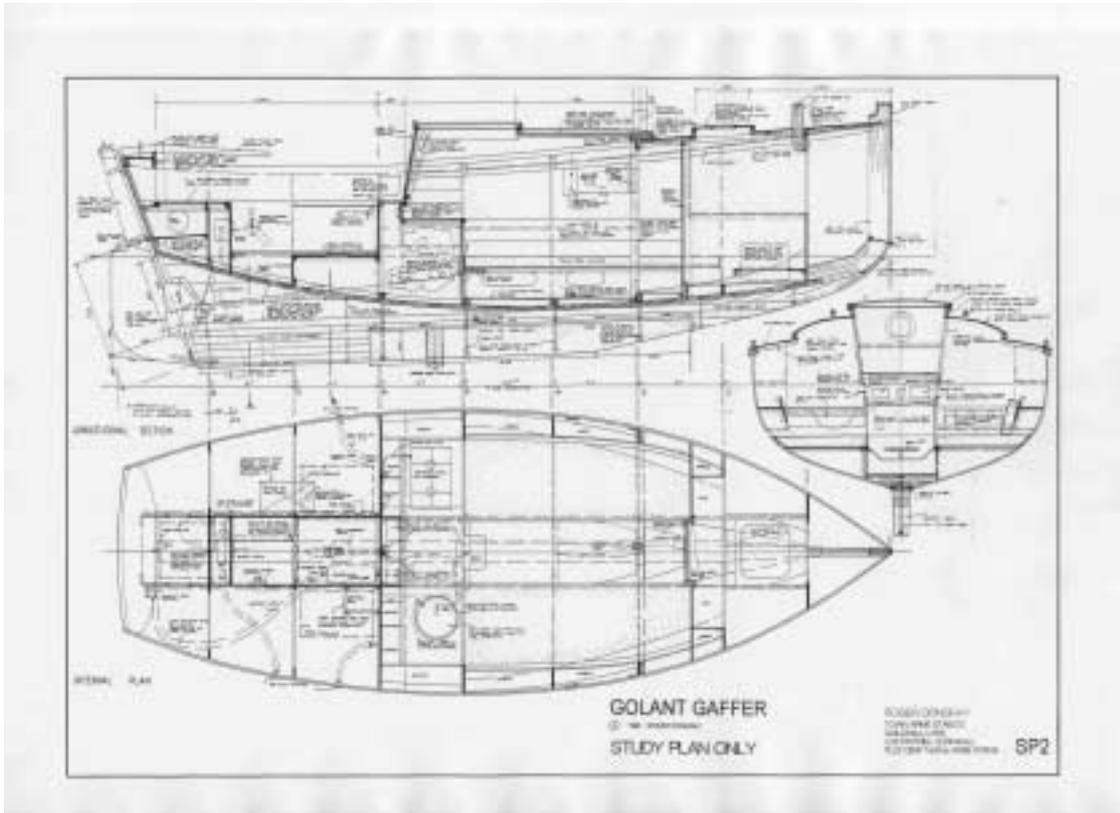
GOLANT GAFFER

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STUDY PLAN ONLY

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SP1



GOLANT GAFFER 5.7m Gaff Cutter Cedar Strip Epoxy Construction

The full set of plans include the following design drawings:

drawing		scale		format	
no.1	General Arrangement	1:10		A1	
no.2	Deck and Sections		1:10	A1	A1
no.3	Bulkheads and Longitudinals	1:10		A1	
no.4	Sections - full size		1:1		
no.5	Stem and transom - full size	1:1			
no.6	Building frame	1:20		A3	
no.7 & 7A	Projection showing planking etc			A3	
no.8	Gunwale, cabin upstand etc	1:1		A3	
no.9	Cockpit locker lids, fore hatch etc		1:1		A3
no.10	Sliding hatch				
no.11	Spars		1:20		A3
no.12,13& 14	Purpose made metal fittings	half full size		A3	
no.15	Sail and rigging plan		1:20		A2
option drawing					
no. A & B	Self draining cockpit		1:10		A3
no.C	Beaching legs	1:10		A3	
no.D	Bilge fins and bilge runners		1:10		A3
sketch	road trailer and deadwood		no scale		A3

Additional information

schedule of work; timber cutting list; schedule of fittings; standing and running rigging and list of suppliers and owners list

The plans and details of the Golant Gaffer are designed for amateur building in wood and provided the boat is not built to be sold and "provided it is not placed on the Community market within five years" it is not subject to the EU Recreational Craft Directive. However it is intended that the Golant Gaffer can meet the requirements.