

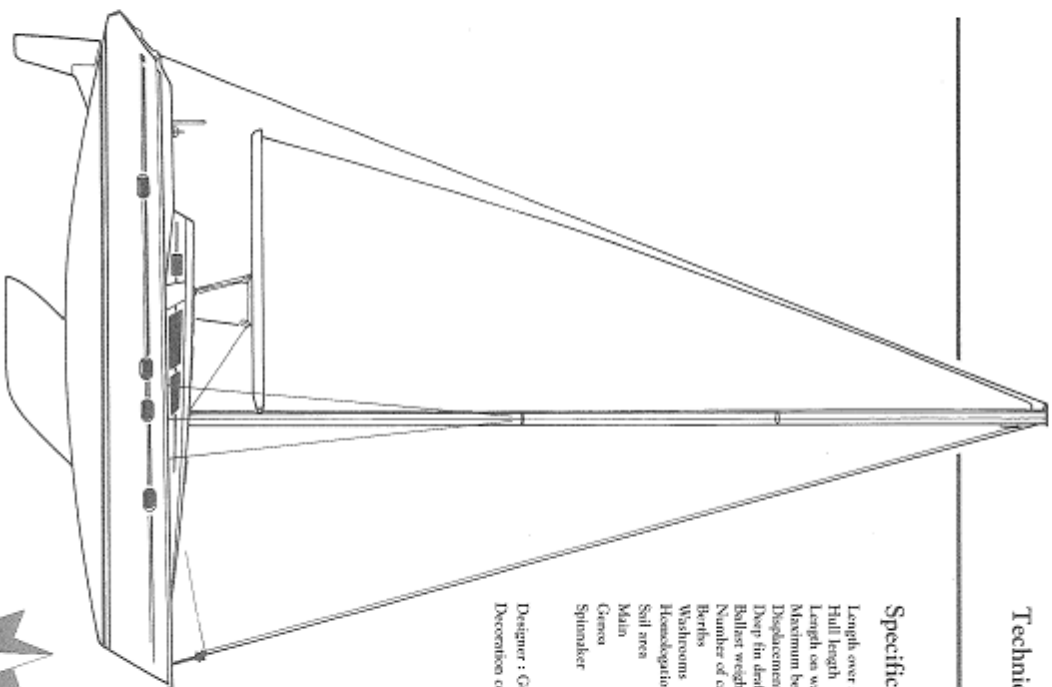
SUN
42 ODYSSEY

Technical Data 11/90

Specifications

Length over all	: 12.50 m (41')
Hull length	: 11.99 m (39' 4")
Length on waterline	: 10.15 m (33' 3 1/2")
Maximum beam	: 4.05 m (13' 3 1/2")
Displacement	: 8150 kgs approx. (17968 lbs)
Deep fin draft	: 1.65 m (5' 5")
Ballast weight	: 3350 kgs approx. (7385 lbs)
Number of cabins	: 3
Berths	: 9/10
Washrooms	: 2
Horsepower Class 1	: 8/10/12
Sail area	: 83.10 m ² (894 sq. ft.)
Main	: 29.60 m ² (319 sq. ft.)
Genoa	: 53.50 m ² (576 sq. ft.)
Spinnaker	: 117.00 m ² (1259 sq. ft.)

Designer : Guy RIBADEAU DUMAS
Decoration coordinated by Andrew Winch Design



Forward cabin

- Double berth 1,40 m x 1,96 m (4' 7" x 6' 5")
- Mattress with removable fabric covers
- Mattress thickness : 14 cm (5"), double-density foam
- Storage lockers beneath berths
- Lateral storage shelving
- 2 opening deck lights
- Night blinds
- Dome ceiling light
- 220-volt power socket
- 1 opening hull port with drap/curtain
- Storage unit to port with doors and drawer
- Storage shelf with fiddle
- Carpeted sole
- 1 reading spotlight
- Door with louvred air vent leading to galley ganway
- Door with louvred air vent giving access to the forward head
- Headroom : 1,82 m (6')
- Ventilation by dorade vent

Forward washroom (starboard)

- GRP unit comprising washbasin ø 30 cm (12")
- Grabrail with built-in towel rail
- Pressurised hot and cold water tap/faucet
- 2-door storage locker under washbasin giving access to cocks
- Toilet-paper holder
- Clothes hook
- Storage cabinet above washbasin with hinged mirror
- 12-volt power socket
- Overhead spotlight
- Marine WC with pump
- Fold-down leaf over WC acts as seat for shower
- Shower with pressurised hot and cold water shower head
- GRP inner liner for drainage of shower waste water
- Duckboarding grate
- Discharge by hand pump
- Opening hull port with drap/curtain
- Opening deck light
- Night blind
- Ventilation by dorade vent
- Laminated-worked interior
- Door giving access to forward cabin
- Headroom : 1,91 (6' 3")

Galley

- Functional appointment to port facing the saloon
- Teak-worked galley unit with pale-coloured laminate work surface
- Stainless steel double sink ø 2 x 30 cm (2 x 12")
- 2 double-function sink cover-boards as work surface and chopping board
- Separate dish drainer
- Pressurised hot and cold water tap/faucet
- Sea-water by separate foot pump
- Striplight over the sink
- Crockery units (forward and aft)
- (studs permitting modular arrangement)
- 12-volt power socket
- 220-volt power socket
- Hob/oven with fold-down leaf
- Galley retaining-strap
- Housing for micro-wave oven with 220-volt electrical supply
- Refrigerator (175 l/61.8 cu. ft.) with evaporator and 2 storage bins
- Refrigerator lighting
- Lockable door
- Insulation by injected foam 80 mm (3")
- Commodious storage locker
- Storage locker under the sink with cupboard doors permitting access to : (trash-can) / dust-bin, and shelving
- Access to cocks
- Coachroof lights with drap/curtain
- 2 opening hull ports with drap/curtain
- Grabrail over the galley area
- Grabrail on the bulkhead separation from the aft washroom
- Headroom : 1,94 m (6' 4 1/2")

Saloon

- Ergonomic settee around the table
- Seating and backrest cushions have removable fabric covers
- Cushion thickness : 14 cm (5")
- The rounded saloon-seating circles the 1,20 m (3' 11") diameter saloon table
- Table can be adjusted
- Saloon convertible to double berth
- Compartmented storage lockers beneath the settee seating
- Storage space behind the backrest
- Vast storage shelf between the settee and the hull with loudspeaker
- Headlining : light-coloured rotoproof fabric
- Wet-bar unit facing saloon
- Coachroof light with drap/curtain
- 2 opening hull ports with drap/curtain
- Master pillar
- Opening deck hatch with night blind
- Fixed coachroof light with drap/curtain
- Fixed deck light with drap/curtain
- Striplights set into the overhead with on/off switch on chart table
- Removable grooved teak sole panels surrounded by non-slip solid grooved teak battening
- Numerous inspection hatches allow for access to the bilge
- Crum-kray in sole
- Headroom : 1,95 m (6' 5")

Companionway

- 4 teak steps
- Laminated sole
- Access to engine hold through lower part
- Grab-rail

Navigation station

- Chart table 1,12 m x 0,57 m (3' 8" x 1' 10 1/2")
- Chart reading light
- Dome ceiling light
- Console for electronics in front of the chart table
- Lateral bookshelving
- Under the chart table :
 - Service area bringing together water system cocks (engine battery 96 A/h) and water unit with expansion chamber
 - Housing for battery charger (optional extra)
 - Shaped and slatted teak navigator seat with removable cushion having removable fabric cover
 - 1 bookshelf unit
 - Storage under seat
 - Grab-rail

Electrics panel

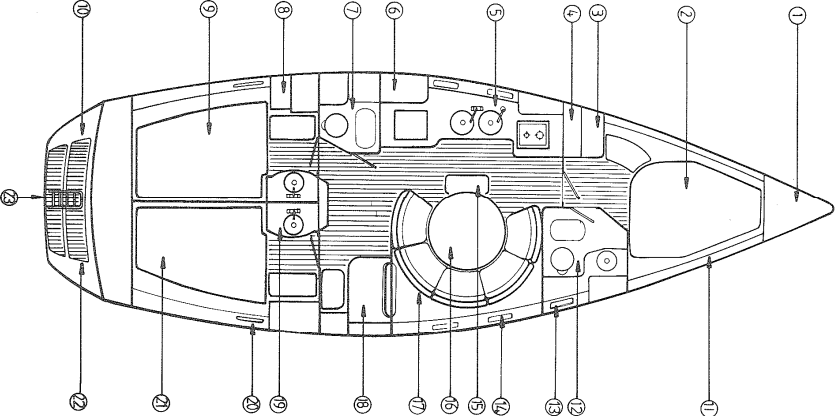
- Panel is fitted onto a hinged door
- Visual location of the various electrical points on the boat
- 20 circuit-breaker switches covering each electrical function of which 4 cover the boat's lighting, 4 the sailing lights, 4 for services, 4 for electronic instrumentation, 1 for the refrigeration unit, 1 for the electric water-heater and 2 for other purposes
- 12-volt circuit ammeter
- 220-volt ammeter
- 12-volt voltmeter
- 220-volt voltmeter
- Water consumption meter
- 4 battery cut-outs under the chart table
- Electronic load dispatcher
- Electric water-heater switch and circuit-breaker

Aft cabins port & starboard

- Double berth 1,98 m x 1,45 m (6' 6" x 4' 9")
- Mattresses with removable fabric covers
- Mattress thickness : 14 cm (5"), double-density foam
- Compartmented storage lockers beneath berth
- Access to diesel fuel cock beneath the mattress (starboard)
- Hull/headlining : teak
- Light-coloured rotoproof fabric hull-lining above shelving
- Lining matches upholstery under the shelving
- 1 opening hull port with drap/curtain
- 1 opening deck light
- 1 opening cockpit port
- Night blind
- Dome ceiling light
- Reading spotlight
- Storage unit with shelving
- Washbasin (vanity) unit
- Washbasin diam. 30 cm (12")
- Pressurised hot and cold water supply
- Mirror
- 12-volt power socket
- Access to engine through lockable door
- Sole covering wood and carpet
- Separating door leading to saloon with louvred air vent
- Headroom : 2,00 m (6' 6 1/2")

Cockpit

- Helm seat, cockpit bench-seating and cockpit floor of teak
- Storage lockers under the helm seat and in aft of cockpit



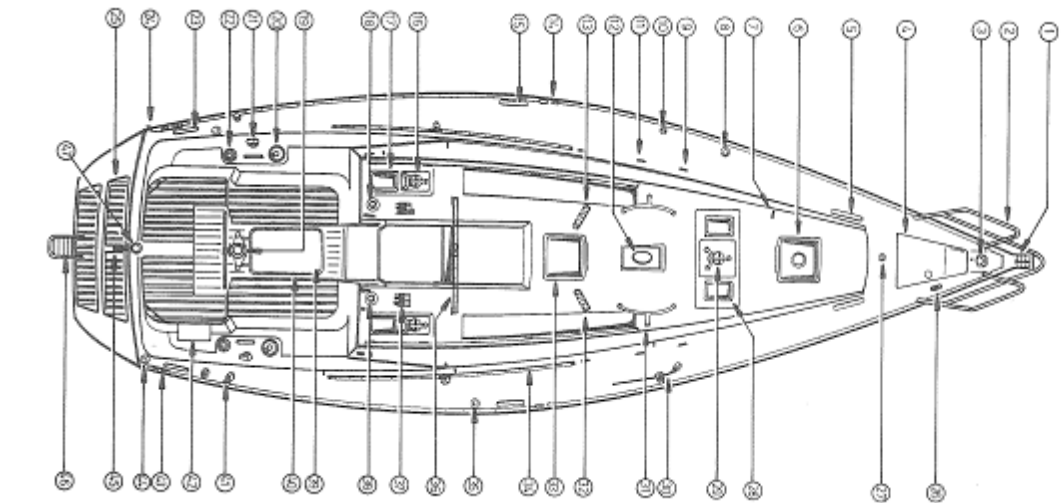
- Gas-hoile housing
- 2 winch-handle bins, storage bin
- 2 scuppers
- 1,20 m dia. (3' 11") leather-sheathed steering wheel with pedestal-mounted compass, helm-blocking mechanism and back-up tiller
- Engine instrumentation dash built into the starboard backrest of the cockpit
- Life-raft storage in aft locker portside
- Removable cockpit table (wood and laminate)
- Water heater in the portside locker

Aft washroom portside

- GRP unit comprising sinks lockers with door integrating shower cabin with soap-holder
- Access to cocks
- GRP inner liner for drainage of shower waste water
- Teak duckboarding grate
- Shower with pressurised hot and cold water shower head
- Discharge by hand pump
- Marine WC with pump
- Clothes hook
- Dome ceiling light
- Ventilation by dorade vent
- Opening hull light with drap/curtain
- Coachroof light with drap/curtain
- Separating door leading to saloon with louvred vent
- Washroom has laminate-worked interior
- Headroom : 1,88 m (6' 2")

Appointment

- 1 Anchor locker
- 2 Forward cabin with double berth
- 3 Forward cabin storage unit
- 4 Crockery unit
- 5 Galley
- 6 Storage locker (housing for micro-wave oven)
- 7 Aft washroom
- 8 Hanging locker and storage unit of aft cabin portside
- 9 Double berth of aft cabin portside
- 10 Transom extension locker with shower facility
- 11 Forward cabin storage shelf
- 12 Forward washroom
- 13 Forward cabin opening port
- 14 Galley opening port
- 15 Wet-bar unit
- 16 Saloon table (converts to double berth)
- 17 Saloon
- 18 Chart table
- 19 Washbasin of aft cabin starboard side
- 20 Aft cabin opening port
- 21 Double berth of aft cabin starboard side
- 22 Transom extension locker 220-volt power socket
- 23 Teak-battened transom extension with swim ladder



Deck layout

- 1 Stainless fitting with bow rollers and chain stop
- 2 Forward pulpit with bow lights port and starboard
- 3 Furling genoa drum built into the anchor locker
- 4 Anchor locker with electric anchor winch and caddy for storage of hand gear
- 5 Forward mooring cleat
- 6 Forward cabin deck hatch
- 7 Spinnaker pole downhaul eyelet
- 8 Water-tank deck fill-cover
- 9 Forward lower shrouds chainplate
- 10 Spinnaker hatcher hatcher chainplate
- 11 Shroud chainplate
- 12 Mast step with 3 watertight grummes
- 13 Turning-block for spinnaker pole downhaul, boom topping lift, main downhaul and mainsheet
- 14 Fairlead
- 15 Mooring cleat
- 16 Ventilation by drizale vent with stainless steel guard
- 17 Opening deck light
- 18 Self-tailing winch
- 19 Steering wheel with engine control lever
- 20 Genoa sheet self-tailing winch
- 21 Genoa sheet turning-block
- 22 Spinnaker winch
- 23 Aft mooring cleat
- 24 Roller chock for mooring portside aft with fairlead
- 25 Teak bordered transom extension with deck shower facility and shore charger to starboard
- 26 Single turning-block for furling genoa
- 27 Spinnaker pole downhaul chainplate
- 28 Washroom opening deck hatch
- 29 Ventilation through drizale vent with stainless steel guard
- 30 Spinnaker hatcher hatcher chainplate
- 31 Mast pulpit
- 32 Turning-blocks for main footboard, spinnaker pole topping lift
- 33 Saloon opening deck hatch
- 34 Genoa sheet track
- 35 Water tank deck fill cover
- 36 Mainsheet track
- 37 4 cam jammers
- 38 Self-tailing winch
- 39 Removable cockpit table
- 40 Cockpit
- 41 Chainplate for sheet and spinnaker gny
- 42 Engine dash with translucent protective cover
- 43 Aft fairlead
- 44 Diesel fuel deck fill cover
- 45 Backstay chainplate
- 46 Swim ladder with grab-rail on transom extension
- 47 Cover to back-up filler socket

Engine

Engine delivered (refer to price-list)
Lighting of engine compartment
Remote-control forward single-lever control on wheel
Cockpit dashboard to starboard
Translucent protective cover to dashboard
Dashboard : rev, counter, oil pressure manometer, water temp, thermometer, battery charge voltmeter, hour log, fuel gauge (variations depending on engine version)
Battery 96 Ah
Engine compartment has foam soundproofing insulation
Three-bladed propeller
Access to engine through aft cabins, companionway
Continuous ventilation
Electrically-driven engine compartment blower (only runs when engine on maximum power)
Cock of quarter-turn type for sea-water uptake and filter
Fresh water heat exchanger for the hot water tank

Capacities

4 stainless steel water tanks : 450 l/99 imp.galls/118.9 US g
1 stainless steel diesel tank : 190 l/41.79 imp.galls/50.19 US g
Inboard battery 1 x 160 Ah
Engine battery 1 x 96 Ah
Alternator 70 Ah
Hot water tank : 41 l/9 imp.galls/10.83 US galls
Refrigerator : 175 l/6.18 cu. ft.

Headroom

Forward cabin : 1.82 m (5' 11 1/2")
Forward washroom : 1.91 m (6' 3")
Lateral cabin : 1.91 m (6' 3")
Galley : 1.94 m (6' 4 1/2")
Saloon : 1.95 m (6' 5")
Aft washroom : 1.85 m (6' 2")
Aft cabin P & S : 2.00 m (6' 6 1/2")

Also supplied

Epoxy treated keel
Alimentary manual
Alimentary-quality plastic hot water piping
Water supply through reinforced alimentary-quality flexible hose
All waste water discharge piping is of reinforced PVC
All cocks are of bronze with a spherical plug-valve
Electric anchor winch
3 winch handles

Standing rigging

Further mast and anodised aluminium boom
Double level of spreaders
Spinnaker pole track
Stainless steel shrouding
Pulprit for second spinnaker halyard
1 forestry diam. 96 mm (0.378") (furling genoa with drum built into the anchor locker)

- 2 cap shrouds with turnbuckles diam. 8 mm (0.31")
- 2 intermediate shrouds with turnbuckles ø 7 mm (0.276 mm)
- 2 lower shrouds aft ø 9.6 mm (0.378")
- 2 lower shrouds forward ø 9.6 mm (0.378")
- 1 backstay ø 9.6 mm (0.378")
- Mechanical backstay turnbuckle
- Stainless steel turnbuckles fixed to stainless steel chainplates

Running rigging

- 1 jib halyard
- 1 mainsail halyard
- 1 boom topping lift
- 1 boom downhaul
- 2 genoa sheets
- 1 mainsheet
- Jib track adjustment
- Mainsheet track adjustment
- Main footboard

Sails

- 1 furler main
- 1 furling genoa
- Sail bags

Optional extras

- Teak deck
- Shore charger
- Other optional extras on quotation

Mast winches

- 1 x 2-speed winch
- 3 single blockers

Rudder

GRP rudder with stainless steel frame welded to the stock
Solid stainless steel stock Diam. : 50 mm (1.96")
Fixing of rudder : stern post tube with bushings, laminated to the hull and rudder gudgeon with bushings on the skeg

Built-in transom extension

- Shower facility
- Swim ladder
- Storage lockers built into the transom extension
- Teak banded extension

Construction

Safer, sturdier, the hull of the SUN ODYSSEY 42 is built using laminated glass/KEVLAR (R) composite : ARAMAT K, laid up by hand
The interior of the SUN ODYSSEY 42 is teak-worked

Jeannieu recommends **MOTUL**

