

### **Cruiser Suggested Equipment List:**

AC, small portable generator (eight hours per fill up and extended run, six-gallon tanks are available)  
Air horn  
AIS, at least receive only (combined with some VHF's) but a transponder is preferred  
Alternator, larger Balmar w/ serpentine belt kit sized for 25-35% of battery bank capacity  
Anchor, primary, chain and rode (see West Marine anchor guide)  
Anchor, backup chain and rode  
Anchor roller for the primary on the bow  
Antifreeze 50/50 to replace any lost  
Asymmetrical spinnaker/gennaker  
Auto pilot (note 2–4-amp DC current draw)  
Awning for cabin, forward and aft sections  
Bar-B-Q grill with propane tank  
Barometer mechanical or electronic for weather, recording preferred  
Battery banks, sealed AGM or Lithium (Li requires special chargers), calculate or measure your loads  
Battery power estimates: 25'=100, 30'=200, 35'=300, 40'=400, 45'=500, 50'=600Ah (1 AGM Group 27=100 AH)  
Batteries, spare for flashlights, etc.  
Battery switches can now be supplemented by a battery relay that allows charging both batteries  
Bilge pump, automatic w/ alarm and manual backup in cockpit plus bailing/fire buckets  
Bimini, Dodger and privacy/weather screens  
Binoculars 7 x 50 w/compass and range finder (we like Hooway, no adjustment, floating)  
Boarding ladder (preferably launchable by a person in the water)  
Boat manuals  
Books and magazines to read  
Bosun's chair for mast inspection and work  
Bow Thruster for larger, especially full keel boats  
Camera: still and video/waterproof  
Cellphone and chargers (use as a WiFi hotspot)  
Charts (paper {RNCs being phased out} and electronic {ENCs})  
Chartplotter, at least two (we use free OpenCPN as our saloon plotter and for planning)  
Checklists: predeparture, crew, emergency and guest  
Clothes that dry quickly, are comfortable and can be layered when cold  
Coast pilot  
Cockpit cushions  
Compass at the helm  
Course plotter or parallel rulers (rulers only on much larger chart tables)  
Courtesy flags for countries you plan to visit  
CPR /first aid training, current  
Crew and guest briefing checklist  
Cruising guides  
Deck shoes  
Depth sounder w/speed through water & trip log  
Diesel heater for cabin in cold cruising areas  
Dingy/RIB or a Hypalon fabric inflatable and canvas chaps and oars plus small anchor and an outboard  
Dodger, removable or openable  
Drogue and line plus trip line  
Dry bag for transporting food etc.  
Dutchman reefing (\$\$ requires special sail cover) or use stack-pack  
DVDs to watch or better PLEX media server system

Electrical/electronic tool box  
Engine filters and belts plus spars for long passages (consider vacuum gauge for Racor fuel filter)  
Engine oil and other lubricants  
Engine/transmission service schedule  
EPIRB if going offshore  
Equipment manuals and spares  
Fans for each cabin (we like the CAFRAMO 2-speed 12V DC, quiet and good)  
Feathering or folding props reduce sailing drag  
Fenders, large diameter  
Filter fuel if diesel is questionable (try West Marine Fuel Filter Funnel)  
Filter for water fill hose and again for drinking  
Finder board to protect from pilings  
First aid kit sized for maximum time for help to arrive  
Fire extinguishers, CO<sub>2</sub> or Halatron recommended and engine room "Fire Port" or automatic system  
Fishing gear  
Flairs or preferably a distress flag & SOS strobe  
Flashlights  
Fleece jackets and pants for watch and off watch  
FM/AM/CD radio for news and weather  
Food (see our food planning spreadsheet)  
Foul weather gear and sea boots  
Fuel in spare tank (lashed to railing)  
GPS backup  
Hand bearing compass if binoculars don't have one  
Hat or cap and rain hat, floppy canvas protects ears  
Head, commode rebuild kits  
Helm cover  
Hoists/tow for dinghy and any dinghy outboard  
Hurricane and storm equipment/lines  
Ice chest (insulated or refrigerator)  
Insurance, boat & liability w/contact numbers, also consider an umbrella policy  
Inverters (use a lot of battery {11 to 1} to produce AC and should be sign wave type)  
Inverter/charger if you need both  
Iridium or other satellite communications for extended offshore cruising time  
Jackline on both sides  
Life raft if a lot of offshore  
Life sling or similar with line  
Light list, USCG  
Knife (utility and fileting)  
LED running, anchor and interior lights  
Life jackets/PFDs (inflatable with safety harness) plus Type I offshore  
Locks for cabin hatch, compartments, dinghy (very important) and outboard  
Logbook (paper preferred or electronic)  
Long underwear for warmth and cool weather sleeping  
MARPOL trash placard  
Master/Captain's license (if licensed)  
Masthead, steaming light shielded to prevent deck glare  
Masthead tricolor light  
Mechanical log book

Mechanical manuals  
Mechanical tool box  
Medications and prescriptions  
Medical assistance like Dan Boater or Diver (recommended) or WorldClinic.com  
Multimeter for electrical troubleshooting  
Oil discharge prohibited placard  
Outboard for dinghy (gas, propane or electric)  
Paperwork (documentation, registration and passports)  
Patch items (plywood, collision mat, underwater epoxy, etc.)  
Personal Locator Beacon for your PFD  
Personal Locator Strobe for PFDs  
Quarantine flag (yellow) before being cleared in  
Radar if you plan to sail at night (newer solid-state units draw less power)  
Radar reflector (set in "catch rain" mode)  
Raw water strainer w/ replacement parts/gaskets  
Refrigerator and/or freezer  
Rigging cutters (ditch the rigging if a dismasting)  
Rules of the road book (required over 39', suggested for all)  
Safety harness and tether to jackline  
Sailing gloves  
Sails (main double or triple reefing) plus roller furling Jib, gennaker and consider storm sails  
Sail cover  
Scuba gear or hookah for prop/bottom clearing  
Seasickness medication (Bonine recommend or prescription scopolamine patch)  
SeaWatch TV antenna for local TV stations  
Sewing machine (Sailrite or heavy duty)  
Sextant (Davis MK15 or MK25 and sight reduction tools (computerized saves time)  
Soap (body, boat and dish)  
Solar panels for battery charging if needed  
Space blankets  
Spinnaker sock  
SSB HF radio (ham or marine) requires licenses  
Stack-pack sail storage requires jack lines or use a Dutchman system  
Storm jib ( $l^2 \times 0.05$ ) square feet, for 29' footer 67 sq ft.  
Storm trysail ( $0.17 \times E \times P$ ) square feet, for a 29' footer 57 sq ft  
Sunglasses  
Sunscreen  
Swimming gear (mask, fins and snorkel)  
Towels (quick dry)  
Transmission fluid  
Through hull bungs/plugs and lubricant  
TV for local programming  
Underwear, polypropylene or polyester for wicking  
Vacuum cleaner, small 12V DC  
VHF DSC Radio is a must aboard and a handheld can help  
VHF radio backup on separate antenna  
Wash cloths and dish towels (quick dry)  
Washdown/fire pump with overboard pickup (portable, can also pump bilge or dinghy)  
Waste management plan

Watch (accurate for celestial sights)

Water, enough tankage or consider a water maker (\$\$\$ plus maintenance costs/time)

Water hose, FDA-approved for filling water tanks

Water tanks, portable, lashed to lifelines

Whisker pole

Wind generators (noisy and have low output below 10MPH)

Windless (especially w/ chain rode, must be carefully matched to chain)

Wind point indicator

Wind scoop for forward hatch, ventilation

Wind speed (masthead or hand held)

Windvane steering for long offshore passages \$\$\$

Wx FAX through short wave receiver plus software