



## SHIP SYSTEMS CHECKLIST

This Ship Systems Checklist has been developed and used successfully by the Grand Banks experts at NW Explorations, a charter operation in Washington that deals exclusively with Grand Banks yachts. In 2005 this list was employed in preparation for a flotilla cruise up the Inside Passage and throughout Alaska, with outstanding results.

This comprehensive document will take you and your boat's mechanic through every system in your boat. Each boat that goes on the Grand Tour will be required to provide a completed version of this checklist signed off by an authorized third party (such as a boatyard or your own mechanic).



While such preparation may cost money, it is a proven measure that will help the entire group make the trip smoother and with a greatly lowered probability of preventable breakdowns.

You will also be provided with a second checklist. The second list will complement the systems checklist and will assure that you have gone through your boat from top to bottom before starting the trip.

If you have any questions about this material, please contact Teddi Hosman, Grand Tour Event Planner, by email at [teddih@grandbanks.com](mailto:teddih@grandbanks.com) – or by phone at (888) 893-4596.

**Please mail a copy of your completed Ship Systems Checklist to:**

**Grand Tour  
c/o Grand Banks Yachts  
2100 Westlake Ave N, Suite 107  
Seattle, WA 98109**



**SHIP SYSTEMS CHECKLIST**

**VESSEL NAME** \_\_\_\_\_

**DATE OF INSPECTION** \_\_\_\_\_

**INSPECTOR** \_\_\_\_\_

ENGINE HOUR READING	FUEL TANKS		WATER TANKS		HOLDING TANK	
	Full	Not Full	Full	Not Full	Full	Not Full
Port _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Starboard _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Genset _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments \_\_\_\_\_

BATTERIES	FLUID LEVEL		VOLTS	LOAD TEST	REPLACE?		DEPTH SOUNDER	
	OK	NOT OK			YES	NO	OK	NOT OK
No. 1 Bank	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
No. 2 Bank	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
No. 3 Bank	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
No. 4 Bank	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Note: Carefully operate and inspect each system to confirm proper operation. Perform minor repairs as needed, as part of this preseason please make sure the hours for repairs are listed separately on your timesheet and not combined with PRESEASON HOURS, which are billed out at a different hourly rate.

Comments \_\_\_\_\_



OK	NOT OK	<b>PLUMBING</b>
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- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Check through hull valves for leaks, free operation & corrosion, check hoses & clamps              |
| <input type="checkbox"/> | <input type="checkbox"/> | Hoses double clamped?  |
| <input type="checkbox"/> | <input type="checkbox"/> | Open & service in-line strainers, check for leaks, remote bilge & sump pumps & filters.            |
| <input type="checkbox"/> | <input type="checkbox"/> | Automatic Bilge Pumps-confirm operation of float switches.   |
| <input type="checkbox"/> | <input type="checkbox"/> | Manual Bilge Pumps-confirm operation and strainer installed at pick up, handle secured?            |
| <input type="checkbox"/> | <input type="checkbox"/> | Sump Pump-confirm operation, strainer cleaned & installed, float switch operation?                 |
| <input type="checkbox"/> | <input type="checkbox"/> | Fresh Water Pressure System-confirm operation of pump & all related fixtures.                      |
| <input type="checkbox"/> | <input type="checkbox"/> | Head operation-confirm operation, check for leaks, lube as needed.                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | Y-Valves-confirm operation, lube as needed, handle restrained per USCG?                            |
| <input type="checkbox"/> | <input type="checkbox"/> | Age of hoses (under 5 years)   |
| <input type="checkbox"/> | <input type="checkbox"/> | Holding Tanks-check for leaks & odors, deck pump out cap free, tank empty? Flush with clean water. |
| <input type="checkbox"/> | <input type="checkbox"/> | Macerator: confirm operation, leaks or odor, momentary switch at pump                              |
| <input type="checkbox"/> | <input type="checkbox"/> | Macerator: verify pump actually discharges liquids   |
| <input type="checkbox"/> | <input type="checkbox"/> | Wire tie head Y-Valve discharge to prevent direct dumping from heads                               |

Comments \_\_\_\_\_

OK	NOT OK	<b>BILGES, LOCKERS &amp; ENGINE ROOM</b>
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- |                          |                          |                             |
|--------------------------|--------------------------|-----------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Bilges clean/free of debris |
| <input type="checkbox"/> | <input type="checkbox"/> | Oil Sorbs in place          |
| <input type="checkbox"/> | <input type="checkbox"/> | Rust in engine compartment  |
| <input type="checkbox"/> | <input type="checkbox"/> | Clean engine room           |

Comments \_\_\_\_\_

OK	NOT OK	<b>MECHANICAL</b>
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- |                          |                          |   |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | Steering-check cable tension routing & condition (chafe).   |
| <input type="checkbox"/> | <input type="checkbox"/> | Steering-Hydraulic, check fluid level in reservoir, check for leaks, inspect hoses & rudder linkage.    |
| <input type="checkbox"/> | <input type="checkbox"/> | Engine controls-proper adjustment smooth operation.   |
| <input type="checkbox"/> | <input type="checkbox"/> | Engine Exhaust System double clamped, hoses checked.  |
| <input type="checkbox"/> | <input type="checkbox"/> | Engine Hoses & cable inspected for chafe.   |
| <input type="checkbox"/> | <input type="checkbox"/> | Sea Strainer checked; service strainer & O-rings  |
| <input type="checkbox"/> | <input type="checkbox"/> | Stuffing Box-check hose, double clamp if needed, is there adjustment left or does it require repacking? |
| <input type="checkbox"/> | <input type="checkbox"/> | Corrosion on adjacent surfaces? Spray deflector needed?   |
| <input type="checkbox"/> | <input type="checkbox"/> | Norscott Reservoirs   |
| <input type="checkbox"/> | <input type="checkbox"/> | Windshield wipers & motor   |

Comments \_\_\_\_\_



**OK NOT OK ELECTRICAL, AC**

- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Power cord condition, cord end fittings & receptacles                                      |
| <input type="checkbox"/> | <input type="checkbox"/> | Operate major AC appliances: H <sub>2</sub> O heater, cabin heat, refrigerators, chargers. |
| <input type="checkbox"/> | <input type="checkbox"/> | GFI installed in galley, heads & exterior?   |
| <input type="checkbox"/> | <input type="checkbox"/> | AC adapters-15-30 AMP & 20/30 AMP in ships inventory? 50 AMP?                              |
| <input type="checkbox"/> | <input type="checkbox"/> | Operate AC generator & confirm proper output.  |
| <input type="checkbox"/> | <input type="checkbox"/> | Extension cord adaptor   |

Comments \_\_\_\_\_

**OK NOT OK DINGHY & ACCESSORIES**

- |                          |                          |                                       |
|--------------------------|--------------------------|---------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Appearance                            |
| <input type="checkbox"/> | <input type="checkbox"/> | Davits                                |
| <input type="checkbox"/> | <input type="checkbox"/> | O/B Mounting Bracket                  |
| <input type="checkbox"/> | <input type="checkbox"/> | Keel Guard                            |
| <input type="checkbox"/> | <input type="checkbox"/> | Dead Man key & spare                  |
| <input type="checkbox"/> | <input type="checkbox"/> | Oars, patch kit, plug, pump, gear bag |
| <input type="checkbox"/> | <input type="checkbox"/> | O/B fuel can – mark with fuel type    |
| <input type="checkbox"/> | <input type="checkbox"/> | Inflatable dinghy-hold pressure       |
| <input type="checkbox"/> | <input type="checkbox"/> | Name & hailing port                   |
| <input type="checkbox"/> | <input type="checkbox"/> | O/B Motor HP _____                    |
| <input type="checkbox"/> | <input type="checkbox"/> | Serial # _____                        |

Comments \_\_\_\_\_

**OK NOT OK CANVAS CONDITION**

- |                          |                          |                       |
|--------------------------|--------------------------|-----------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Covers                |
| <input type="checkbox"/> | <input type="checkbox"/> | Dinghy Covers         |
| <input type="checkbox"/> | <input type="checkbox"/> | Chafe Strips          |
| <input type="checkbox"/> | <input type="checkbox"/> | Enclosures            |
| <input type="checkbox"/> | <input type="checkbox"/> | Snaps & Fasteners     |
| <input type="checkbox"/> | <input type="checkbox"/> | Bimini Boot           |
| <input type="checkbox"/> | <input type="checkbox"/> | Eisenglass            |
| <input type="checkbox"/> | <input type="checkbox"/> | Barbecue Cover        |
| <input type="checkbox"/> | <input type="checkbox"/> | Flybridge Table Cover |
| <input type="checkbox"/> | <input type="checkbox"/> | Flybridge Cushions    |

Comments \_\_\_\_\_



**OK NOT OK MOORING & ANCHORING EQUIPMENT**

<input type="checkbox"/>	<input type="checkbox"/>	Anchor chain markings
<input type="checkbox"/>	<input type="checkbox"/>	50' spare line
<input type="checkbox"/>	<input type="checkbox"/>	Anchor packages (2) (stowage system for 300' mooring line)
<input type="checkbox"/>	<input type="checkbox"/>	15'-20' dock lines
<input type="checkbox"/>	<input type="checkbox"/>	35' Spring lines
<input type="checkbox"/>	<input type="checkbox"/>	Boat hook
<input type="checkbox"/>	<input type="checkbox"/>	Anchor windless operation
<input type="checkbox"/>	<input type="checkbox"/>	Frayed fenders
<input type="checkbox"/>	<input type="checkbox"/>	Fenders (4) & Spares (2) (optional)
<input type="checkbox"/>	<input type="checkbox"/>	Windlass handle
<input type="checkbox"/>	<input type="checkbox"/>	Markings both primary and secondary chain/roder-distances noted in manual
<input type="checkbox"/>	<input type="checkbox"/>	Measurements of both size & length for chain/roder-noted in inventory/manual
<input type="checkbox"/>	<input type="checkbox"/>	Extra mooring line length_____ft. Size_____

Comments\_\_\_\_\_

**OK NOT OK EXTERIOR CONDITION**

<input type="checkbox"/>	<input type="checkbox"/>	Buff
<input type="checkbox"/>	<input type="checkbox"/>	Wax
<input type="checkbox"/>	<input type="checkbox"/>	Gel Coat Repairs
<input type="checkbox"/>	<input type="checkbox"/>	Painting
<input type="checkbox"/>	<input type="checkbox"/>	Brightwork Varnish
<input type="checkbox"/>	<input type="checkbox"/>	Venturi/Wind Screen
<input type="checkbox"/>	<input type="checkbox"/>	Windows/Doors
<input type="checkbox"/>	<input type="checkbox"/>	Teak Decks
<input type="checkbox"/>	<input type="checkbox"/>	American Flag
<input type="checkbox"/>	<input type="checkbox"/>	GB Burgee
<input type="checkbox"/>	<input type="checkbox"/>	Bow Staff
<input type="checkbox"/>	<input type="checkbox"/>	Flag Staff
<input type="checkbox"/>	<input type="checkbox"/>	Canadian Courtesy Flag

Comments\_\_\_\_\_



**OK NOT OK OUTBOARD**

- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Check lower unit oil   |
| <input type="checkbox"/> | <input type="checkbox"/> | Fuel   |
| <input type="checkbox"/> | <input type="checkbox"/> | Fittings greased   |
| <input type="checkbox"/> | <input type="checkbox"/> | Moving parts lubricated  |
| <input type="checkbox"/> | <input type="checkbox"/> | Rust preventor sprayed on all engine & metal parts                 |
| <input type="checkbox"/> | <input type="checkbox"/> | Are all metal parts rust free?                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Are water drain holes in gear housing open so water can drain out? |
| <input type="checkbox"/> | <input type="checkbox"/> | Engine starts and runs   |
| <input type="checkbox"/> | <input type="checkbox"/> | Spare shear pins & spark plugs                                     |

MAKE \_\_\_\_\_ SERIAL # \_\_\_\_\_ H.P. \_\_\_\_\_ FUEL MIX RATIO \_\_\_\_\_

Comments \_\_\_\_\_

**OK NOT OK INTERIOR CONDITIONS**

- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Headliner                                |
| <input type="checkbox"/> | <input type="checkbox"/> | Window tracks                            |
| <input type="checkbox"/> | <input type="checkbox"/> | Woodwork finish                          |
| <input type="checkbox"/> | <input type="checkbox"/> | Upholstery                               |
| <input type="checkbox"/> | <input type="checkbox"/> | Carpets                                  |
| <input type="checkbox"/> | <input type="checkbox"/> | Shower curtains/teak grates/shower sumps |
| <input type="checkbox"/> | <input type="checkbox"/> | Cabin sole                               |
| <input type="checkbox"/> | <input type="checkbox"/> | Curtains/tie backs/snaps                 |
| <input type="checkbox"/> | <input type="checkbox"/> | Countertops                              |
| <input type="checkbox"/> | <input type="checkbox"/> | Head Compartments                        |
| <input type="checkbox"/> | <input type="checkbox"/> | Door & locksets (interior & exterior)    |
| <input type="checkbox"/> | <input type="checkbox"/> | Screens                                  |
| <input type="checkbox"/> | <input type="checkbox"/> | Refrigerator Drain Plugs                 |
| <input type="checkbox"/> | <input type="checkbox"/> | Refrigerator Shelf hangers/clips         |
| <input type="checkbox"/> | <input type="checkbox"/> | Stove knobs & pot holders                |

Comments \_\_\_\_\_



**OK NOT OK MACHINERY: MAIN ENGINES & GENERATOR**

- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Check fluid levels-glycol, oil, trans oil                          |
| <input type="checkbox"/> | <input type="checkbox"/> | Inspect water fuel separator for contamination                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Check belt tension & condition                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Inspect air intake screen or filter & replace or clean as needed   |
| <input type="checkbox"/> | <input type="checkbox"/> | Determine oil & filter service history. Service required Y ___N___ |

Comments \_\_\_\_\_

**OK NOT OK START & RUN ENGINE(S) UP TO TEMP AND CHECK THE FOLLOWING:**

- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Is alarm system operational?   |
| <input type="checkbox"/> | <input type="checkbox"/> | Proper instrument readings.  |
| <input type="checkbox"/> | <input type="checkbox"/> | Observe exhaust water discharge for proper volume                          |
| <input type="checkbox"/> | <input type="checkbox"/> | Feel exhaust hose for heat as evidence of H2O restriction in exhaust elbow |
| <input type="checkbox"/> | <input type="checkbox"/> | Smooth operation? Excessive smoke exhaust, smell in & out of engine room   |
| <input type="checkbox"/> | <input type="checkbox"/> | Operational bilge blower   |
| <input type="checkbox"/> | <input type="checkbox"/> | Sea trial-check for vibrations & misalignment                              |
| <input type="checkbox"/> | <input type="checkbox"/> | Preseason dive/hull inspection   |
| <input type="checkbox"/> | <input type="checkbox"/> | Is Tri County inspection of machinery recommended?                         |

Comments \_\_\_\_\_

**OK NOT OK ELECTRICAL DC**

- |                          |                          |   |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | Check battery condition with load tester  |
| <input type="checkbox"/> | <input type="checkbox"/> | Check battery fluid level, terminals clean & tight  |
| <input type="checkbox"/> | <input type="checkbox"/> | Cables neatly organized (they don't block battery fill caps)                                  |
| <input type="checkbox"/> | <input type="checkbox"/> | Battery boxes secured & covered   |
| <input type="checkbox"/> | <input type="checkbox"/> | DC switch panel-test all circuits, lights, pumps, electronics, etc. (all switches labeled?)   |
| <input type="checkbox"/> | <input type="checkbox"/> | Navigation lights checked-running lights, steaming light, anchor light, compass & instruments |
| <input type="checkbox"/> | <input type="checkbox"/> | 12 Volt plug in at or near each steering station  |
| <input type="checkbox"/> | <input type="checkbox"/> | Do all switches work?   |
| <input type="checkbox"/> | <input type="checkbox"/> | Stock of distilled water for Batteries  |

Comments \_\_\_\_\_

**OK NOT OK ELECTRONICS & NAVIGATION EQUIPMENT**

- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | VHF radio(s)-test operation on CH16 & 68, antenna connection tight   |
| <input type="checkbox"/> | <input type="checkbox"/> | Depth sounder in good operation, clean knotmeter paddlewheel         |
| <input type="checkbox"/> | <input type="checkbox"/> | Loran/GPS & Radar-test operation                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Chart plotter-test operation, inventory cartridges                   |
| <input type="checkbox"/> | <input type="checkbox"/> | Stereo-test operation of received & tape/CD deck, check all speakers |
| <input type="checkbox"/> | <input type="checkbox"/> | Compass alignment needed? Deviation table posted                     |
| <input type="checkbox"/> | <input type="checkbox"/> | TV/VCR test operation of both  |
| <input type="checkbox"/> | <input type="checkbox"/> | Are operation manuals on board for all equipment                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Weather boots/covers on exposed switches                             |
| <input type="checkbox"/> | <input type="checkbox"/> | Laptop connectors  |

Comments \_\_\_\_\_

**OK NOT OK EQUIPMENT INSPECTION**

- |                          |                          |   |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | Spare Parts inventory complete (see attachment)                       |
| <input type="checkbox"/> | <input type="checkbox"/> | Spares in storage box (put in proper storage area)                    |
| <input type="checkbox"/> | <input type="checkbox"/> | Tools: condition, adequate inventory in box (put in dry storage area) |
| <input type="checkbox"/> | <input type="checkbox"/> | Spare keys (6)  |
| <input type="checkbox"/> | <input type="checkbox"/> | Stove LPG _____/Electric ____ System to code                          |
| <input type="checkbox"/> | <input type="checkbox"/> | Propane compartment open to living spaces                             |
| <input type="checkbox"/> | <input type="checkbox"/> | Electric/convention/microwave/ovens                                   |
| <input type="checkbox"/> | <input type="checkbox"/> | Weather boots on all exposed toggle & push button switches            |
| <input type="checkbox"/> | <input type="checkbox"/> | Expiration date for old propane bottles                               |

Comments \_\_\_\_\_

**OK NOT OK MISCELLANEOUS**

- |                          |                          |   |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | Check heater operation  |
| <input type="checkbox"/> | <input type="checkbox"/> | Salt water wash down & hose   |
| <input type="checkbox"/> | <input type="checkbox"/> | Check davit winch; proper lead? frayed cables? Remote Control.  |
| <input type="checkbox"/> | <input type="checkbox"/> | Check O/B for operation; locking method.  |
| <input type="checkbox"/> | <input type="checkbox"/> | Operation Manuals-are they in with the other ships papers? Do they cover operation of all systems sufficiently? |
| <input type="checkbox"/> | <input type="checkbox"/> | Remove unnecessary window, windlass, winch, handrail & dinghy covers.   |
| <input type="checkbox"/> | <input type="checkbox"/> | Advise Owner of unnecessary inventory items.  |

Comments \_\_\_\_\_





OK	NOT OK	<b>SAFETY EQUIPMENT</b>
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- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | PFD's sleeping capacity plus 2, plus 2 child's (optional)  |
| <input type="checkbox"/> | <input type="checkbox"/> | Flares-3 handheld or 3 meteor flares, check expiration date (3 years from the month indicated on the flares) |
| <input type="checkbox"/> | <input type="checkbox"/> | Ships bell-all boats   |
| <input type="checkbox"/> | <input type="checkbox"/> | Air horn-all boats (back up handheld for power boats)  |
| <input type="checkbox"/> | <input type="checkbox"/> | Fire extinguishers-how many__check expiration date _-_____-_____   |
| <input type="checkbox"/> | <input type="checkbox"/> | Throwable ring or horseshoe with line or life sling  |
| <input type="checkbox"/> | <input type="checkbox"/> | First Aid Kit-contents & condition, replace as needed  |
| <input type="checkbox"/> | <input type="checkbox"/> | Life lines & railings-tension & condition of cables, stanchions, railings & gates                            |
| <input type="checkbox"/> | <input type="checkbox"/> | USCG auxiliary inspection  |

Comments \_\_\_\_\_

OK	NOT OK	<b>PROPANE</b>
----	--------	----------------

- |                          |                          |   |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | Drip pan & grate  |
| <input type="checkbox"/> | <input type="checkbox"/> | Barbecue securely mounted to rail   |
| <input type="checkbox"/> | <input type="checkbox"/> | Check tanks for condition-rusty? Securely mounted? Enclosure vented? Bottle expiration? |
| <input type="checkbox"/> | <input type="checkbox"/> | Operate all propane appliances – all stove burners & oven                               |
| <input type="checkbox"/> | <input type="checkbox"/> | Check hose & connections for wear or chafe from tank to appliance                       |

Comments \_\_\_\_\_