

U.S. Coast Guard
Marine Safety Detachment
Fort Myers, Fl.

Small Passenger Vessel
Pre-Inspection Checklist

Six (6) pages total including this cover

U.S. COAST GUARD MARINE SAFETY DETACHMENT
FORT MYERS, FLORIDA
SMALL PASSENGER VESSEL PRE-INSPECTION CHECKLIST

This checklist is being distributed to all small passenger vessel owner/operators in our zone to assist in properly preparing the vessel for inspection. A copy of the Code of Federal Regulations **shall** be available (46 CFR Part 175-187 Subchapter "T" Small Passenger Vessels under 100 gross tons) for checking applicability and referencing requirements. You can purchase this book through the Government Printing Office by credit card @ (202) 512-1800. Conducting your pre-inspection will save valuable time and help you prepare for a successful operating season.

If you have any questions or need to schedule an inspection you can contact our office in Fort Myers @ (239) 985-0560.

DOCUMENTS REQUIRED

- | | | |
|-----------|--|---------------|
| _____ 1. | Application for Inspection (for 5 yr COI) | |
| _____ 2. | Certificate of Inspection (COI) | 46CFR176.107 |
| _____ 3. | Copy of outstanding CG835 items | |
| _____ 4. | Valid Certificate of Documentation and/or State Registration | |
| _____ 5. | Valid FCC Radio Station License/Safety Cert./Radio Operator Lic. | |
| _____ 6. | Stability Letter | 46CFR176.306 |
| _____ 7. | Officer Licenses | 46CFR185.402 |
| _____ 8. | Fire fighting extinguisher servicing certificates | 46CFR176.810 |
| _____ 9. | Station bill posted (vessels >65 feet with more than 4 crew members) | 46CFR185.514 |
| _____ 10. | Drug and alcohol program information | 46CFR Part 16 |
| _____ 11. | Current training logbook | 46CFR185.420 |
| _____ 12. | Lifesaving equipment maintenance records (vessels >65 feet) | 46CFR185.702 |
| _____ 13. | Waste Management Plan (ocean going > 40 ft) | |
| _____ 14. | First Aid/CPR Training | |
| _____ 15. | Any Address Corrections?? USER FEE PAID?? | |

NAVIGATION SAFETY INSPECTION ITEMS

- | | | |
|----------|--|--------------|
| _____ 1. | Voyage Plan (vessels w/overnight passengers) | 46CFR185.503 |
| _____ 2. | Passenger count; where is it left? _____ | 46CFR185.504 |
| _____ 3. | Passenger safety orientation | 46CFR185.506 |
| _____ 4. | Emergency instruction list posted | 46CFR185.510 |
| _____ 5. | Navigation publications | 46CFR184.420 |
| | *Current charts | |
| | *Coast pilot | |
| | *Tide tables | |
| | *Coast Guard Light List | |
| _____ 6. | Navigation lights | 46CFR183.420 |
| _____ 7. | Radar | 46CFR184.404 |
| _____ 8. | Magnetic compass | 46CFR184.402 |

OPTIONAL FORM 99 (7-90)

FAX TRANSMITTAL

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To Bob Ford	From CWO4 Mike Hammond
Dept./Agency NTSB	Phone # 239 985 0560
Fax # 202 314 6454	Fax # 0561

NAVIGATION SAFETY INSPECTION ITEMS (con't)

___ 9.	Signaling devices (sound)	33CFR Part 86
	*Whistle/horn	
	*Proper size bell	
___ 10.	Signaling devices (distress)	46CFR180.68
	*Correct type and amount	
	*Not expired	
	*Stored in proper container	
___ 11.	Internal communications	46CFR184.602
___ 12.	Pilothouse control of propulsion engine	46CFR184.620
___ 13.	Radio equipment (<20 miles from shore 1 VHF. >20 VHF + HF)	46CFR184.502
___ 14.	Emergency broadcast placard posted	46CFR184.506
___ 15.	Electronic Position Indicating Radio Beacon (EPIRB) CatI 406MHz	46CFR180.64
	Are battery, hydrostatic release and registration current??	
___ 16.	Public address system	46CFR184.610
	*vessel > 65 feet = fixed installation	
	*vessel ≤ 65 feet > 49 passengers = battery bullhorn	
	*vessel ≤ 65 feet ≤ 49 passengers = none required	
___ 17.	Bridge & passenger area windows (no cracks in safety glass)	46CFR177.1010

STRUCTURAL INTEGRITY INSPECTION ITEMS

___ 1.	External hull structure	46CFR176.802
	*Note any modifications, repairs, or damage	
___ 2.	Hull markings/draft marks, State numbers	46CFR185.602
	*Name/hailing port	46CFR67.123
___ 3.	Internal compartments	46CFR176.802
	*all compartments clean and open for inspection	
___ 4.	Watertight integrity	46CFR179.360
	*Doors, hatches, gaskets in good condition	

GENERAL HEALTH & SAFETY

___ 1.	General alarm tested (req. for overnight passengers)	46CFR183.550
___ 2.	Upper decks marked for maximum passengers as per Stability Ltr	46CFR185.602
___ 3.	Passenger & Crew accommodations	46CFR176.818
	*Clean	
___ 4.	Means of escape	46CFR177.500
	*Operable from both sides	
	*Marked "Emergency Exit, Keep Clear"	
___ 5.	Cooking and heating systems	46CFR177.410
___ 6.	Sanitary inspection	46CFR176.818
	*Galley, pantries, lockers, heads, etc..	
___ 7.	Ventilation	46CFR177.600
	*Checked for proper operation	

GROUND TACKLE

- ____ 1. Proper ground tackle and mooring lines 46CFR184.300
 *All gear in good condition

LIFESAVING EQUIPMENT

- ____ 1. Stowage of survival craft 46CFR180.130
 46CFR180.137
 46CFR180.200
- ____ 2. Lifefloats and buoyant apparatus
 *CG approved, properly marked/retro taped, weak link 46CFR180.210
- ____ 3. Rescue boat/rescue platform (vessels >65 feet) 46CFR185.702
- ____ 4. Survival craft maintenance (vessels >65 feet) 46CFR180.71
- ____ 5. Lifejackets
 *Proper amount onboard w/retro tape, lights and markings 46CFR185.516
- ____ 6. Lifejacket donning placard posted 46CFR180.70
- ____ 7. Ring lifebuoys
 *Lights operational, ring, retro tape, & line in good condition 46CFR184.710
- ____ 8. CG apprvd First Aid kit visible/readily available to crew and marked

FIRE PROTECTION

- ____ 1. Fire and smoke detection systems (required on wood/FRP vessels) 46CFR176.810
- ____ 2. Portable and semi-portable fire extinguishers 46CFR176.810
 *Annual service
 *Hydrostatic test date _____
- ____ 3. Fixed fire extinguishing systems 46CFR176.810
 *Annual service
- ____ 4. Fire main system and stations 46CFR176.810
 *Proper size and amount of hoses; pressure tested w/pump
 *3 Fire Buckets w/lanyard provided
- ____ 5. Fire axe (vessels >65 feet) 46CFR181.600

MACHINERY

- ____ 1. Main steering system tested 46CFR182.610
- ____ 2. Auxiliary steering system tested (if required) 46CFR182.620
- ____ 3. Main propulsion engine tested 46CFR176.804
- ____ 4. Cooling system checked 46CFR182.420
- ____ 5. Exhaust system 46CFR182.425
 *Loss of cooling alarm if required
- ____ 6. Fuel system 46CFR176.804
 *Properly vented, grounded, proper sight glass if installed
 *Proper hoses (SAE J-1942), remote shutoff valve installed
- ____ 7. Ventilation of machinery spaces (test closures/shutdowns) 46CFR182.470
- ____ 8. Machinery guards 46CFR177.960
- ____ 9. Vital systems piping 46CFR182.710

MACHINERY ITEMS (con't)

_____ 10.	Watertight bulkheads	46CFR182.720
	*Metallic through fittings	
	*Electrical stuffing tubes	
_____ 11.	Shaft log free of excess leakage	46CFR182.720
_____ 12.	Bilge pump tested	46CFR176.804
_____ 13.	Portable bilge pump tested	46CFR182.520
_____ 14.	Bilge high level alarm tested	46CFR182.530
_____ 15.	Pressure vessels opened every 5 years, relief valve tested	46CFR176.812
_____ 16.	Vapor Detector installed/tested (gasoline inboard engines)	46CFR187.480

ELECTRICAL EQUIPMENT

_____ 1.	Primary power and light system	46CFR183.310
_____ 2.	Main engine generators/alternators	46CFR176.806
_____ 3.	Independent generators	46CFR183.322
_____ 4.	Battery installation	46CFR183.350
	*Clean terminals and covered battery box	
_____ 5.	Switchboards and distribution panels	46CFR183.330
_____ 6.	Radios fused at main panel	46CFR183.392
_____ 7.	Cable and wiring	46CFR183.340
	*No wire nuts and wires properly supported	
_____ 8.	Lighting fixtures	46CFR183.410
	*Suitable guards and fixture properly secured	
_____ 9.	Portable lighting	46CFR183.430
	*Two lights required; 1 at helm, 1 at entrance to engine room	
_____ 10.	Emergency lighting tested	46CFR183.432

POLLUTION PREVENTION

_____ 1.	Oil pollution placard posted	33CFR155.450
_____ 2.	MARPOL V placard posted	33CFR151.59
_____ 3.	All bilges CLEAN; FREE OF OIL, TRASH, or DEBRIS	46CFR176.830
_____ 4.	Marine Sanitation Device (MSD)	46CFR184.704
	*Operational	
	**"Y" valve (overboard) closed and locked	

EMERGENCY DRILLS

_____ 1.	Provide crew training, practice fire drill
_____ 2.	Provide crew training, practice abandon ship drill
_____ 3.	Provide crew training, practice man overboard drill

*Training and practice drills should be held prior to the day of inspection and logged in logbook with names of persons trained and brief description of drill.

DRYDOCK EXAMINATION

- _____ 1. Note any external/internal hull conditions; pitting, fractures, insets, leaks, etc...
- _____ 2. Examine welding, fasteners, caulking, etc...
- _____ 3. Open & ventilate all internal spaces, clean all bilges, lift all deckplates
- _____ 4. Examine all watertight hatches and gaskets
- _____ 5. Examine rudder(s), propeller(s), and tailshaft(s). Check bushings. Be prepared to pull propellers
- _____ 6. Open all sea valves (intakes and overboards) for examination
- _____ 7. Pull out anchor, chain and all line for examination.