




PRINCESS

A P P R O V E D

USED BOAT PROGRAMME

From the world's largest
Princess Motor Yacht distributor

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OUR KNOWLEDGE
IS YOUR LUXURY



Princess Approved Used Boat Programme.

This document must be completed for any boat that is to be offered for sale under the Princess Approved Platinum Used Boat Scheme.

Yard number & boat name.....

HIN.....

Previous owner.....

Location.....

Date received.....

Original handover date.....

Section A Service item - Boat afloat <i>Deck equipment and below decks, propulsion engines, controls, instrumentation and associated equipment.</i>	Rework or parts required. (Yes or No)	Sign (initials)	Date
1. Bathing ladder (hydraulic) Carry out full functional test and visual inspection. Check oil level / condition.			
Work required:-			
2. Cathodic protection system. Carry out an inspection of the connections to the anodes and bonded components.			
Work required:-			
3. Crane Carry out a visual inspection of crane jib, cable, weight and shackle and controls. Check oil level / condition			
Work required:-			

Service item - Boat afloat (contd.) <i>Deck equipment and below decks, propulsion engines, controls, instrumentation and associated equipment.</i>	Rework or parts required. (Yes or No)	Sign (Initials)	Date
4. Doors (exterior), windows and hatches Check for leaks and damage. Operate electric windows. Check all locks and verify all keys are present (including spares). Work required:-			
5. Drop bathing platform Carry out full functional test. Check that interlocks and alarms are operating correctly. Check oil level / condition. Work required:-			
6. Engine servicing. Arrange full engine, gearbox or outdrive service as required. Work required:-			
7. Fire extinguishers and fire fighting equipment Arrange for removal and servicing or replacement of all hand held fire extinguishers. Inspect fire hoses and fittings and carry out a full fire pump (where fitted) functional test including emergency backup pump. Work required:-			
8. Fuel delivery and return hoses. Carry out a visual inspection of fuel delivery and return hoses. Work required:-			
9. Fuel tanks and shut off valves. Carry out a visual inspection of fuel tanks and shut off valves. Work required:-			
10. Generator servicing. Arrange full generator service. Work required:-			

Service item - Boat afloat (contd.)	Rework or parts required. (Yes or No)	Sign (Initials)	Date
<i>Deck equipment and below decks, propulsion engines, controls, instrumentation and associated equipment.</i>			
11. Inspect hull, decks and superstructure Carry out a visual inspection and arrange for polishing and waxing where required.			
Work required:-			
12. Mooring warps and fenders Arrange replacement of all mooring warps as required. Clean or replace all fenders as required. Replace fender ropes as required.			
Work required:-			
13. Passerelle Carry out full functional test and visual inspection. Check oil level / condition.			
Work required:-			
14. Shaft seals. Carry out a visual inspection of the shaft seals and check for raw water leaks. Ensure that the spare seals are in place in their carriers on both shafts.			
Work required:-			
15. Transom garage. Carry out visual inspection. Carry out full functional test. Check oil level / condition.			
Work required:-			

Section B Service item - Boat ashore <i>Deck equipment and below decks, propulsion engines, controls, instrumentation and associated equipment.</i>	Re-work or parts required. (Yes or No)	Sign (initials)	Date
1. Air conditioning. Carry out system winterisation or laying up procedure.			
Work required:-			
2. Bow and Stern thruster. Carry out checks in accordance with manufacturer's extended warranty instructions. Complete and submit all relevant documents.			
Work required:-			
3. Fresh water system. Carry out system winterisation or laying up procedure.			
Work required:-			
4. Life saving equipment. Ensure that life raft and other life saving equipment is removed for inspection. Carry out an evaluation of equipment to decide on suitability for serving, re-,use or disposal. Ensure any certificates are available.			
Work required:-			
5. Oil analysis. Ensure oil analysis has been carried out. Check results and detail any actions needed.			
Work required:-			
6. Raw water strainers for engines and generators. Remove, clean and reinstall raw water strainers.			
Work required:-			
7. Sea cocks. Operate all raw water sea cock valves.			
Work required:-			

Service item - Boat ashore (contd.) <i>Deck equipment and below decks, propulsion engines, controls, instrumentation and associated equipment.</i>	Rework or parts required. (Yes or No)	Sign (initials)	Date
8. Speed log transducer. Remove and clean.			
Work required:-			
9. Steering system. Carry out visual inspection of steering system components. Check oil level and condition. Check rudder bearings for wear.			
Work required:-			
10. TRAC stabilizers. Check oil level and condition. Check / replace shaft top bearings.			
Work required:-			
11. Trim tabs. Carry out full functional test. Ensure that tabs operate through their full range from both stations, all components are secure and indicator lights operate correctly. Check oil level and condition.			
Work required:-			
12. Underwater appendages and antifouling. Carry out visual inspection of stern gear, skin fittings, trim tabs and stabiliser fins. Renew anti fouling paint. Replace all anodes.			
Work required:-			



**Princess Motor Yacht Sales
Platinum Used Boat Scheme Boat System Checks.**

Carried out by.....

Shore Support Checks

No.	Check	Sign	Date
1	Connect shore support lead to shore line 1 inlet and check power available lights and polarity light operate correctly.		
2	Select shore line 1 on change over switch and press test button on the RCD. Check that the RCD trips.		
3	Operate the shore line 1 circuit breaker and ensure that shore line 1 disconnects		
4	Connect shore support lead to shore line 2 inlet and check power available lights and polarity light operate correctly.		
5	Select shore line 2 on change over switch and press test button on the RCD. Check that the RCD trips.		
6	Operate the shore line 2 circuit breaker and ensure that shore line 1 disconnects		
7	Reset shore support circuit breakers		
8	Check that shore support change over switch(es) operate correctly		

AC / DC Panel Checks

Ensure correct shore support supply is connected, selected and operating prior to carrying out the following.

AC panel – Shore Line 1			
No.	Check	Sign	Date
1	Check ac voltmeter is operating		
2	Switch each circuit in turn and ensure that correct device is operated.		
3	Check ac ammeter operates when devices are switched.		
4	Leave battery charger switched on		

AC panel – Shore Line 2			
No.	Check	Sign	Date
1	Check ac voltmeter is operating		
2	Switch each air con. unit in turn and ensure that correct device is operated.		
3	Check ac ammeter operates when devices are switched.		

DC panel			
No.	Check	Sign	Date
1	Check domestic battery dc voltmeter is operating		
	Check start battery dc voltmeter is operating		
2	Switch each circuit in turn and ensure that correct device is operated.		
3	Check panel illumination operates correctly.		
4	Ensure battery charger is switched on and operating correctly. Switch on all interior and exterior lights and leave on for 1 hour and check that all circuit breakers remain set.		

Generator checks

No.	Check	Sign	Date
1	Start generator using remote switch		
2	Stop generator using generator panel switch		
3	Start generator using generator panel switch		
4	Stop generator using remote switch		
5	Ensure that generator exhaust is separating water and gas correctly.		

AC cabin outlets

No.	Check	Sign	Date
1	Check each socket with a Martindale tester.		

Air Conditioning Checks

Individual units may be run on shore support. Whole system must be run on Generator.

No.	Check	Sign	Date
1	Turn on all air conditioning units and set to heat mode. Adjust temperature to 5°C above ambient or 20°C whichever is greater.		
2	Check all compressors for raw water leaks.		
3	Check that there is good warm air flow from each outlet (including heads).		
4	Leave running for 1 hour and check that each area comes up to temperature.		
5	Set all units to cooling mode and adjust temperature to 5°C below ambient or 15°C whichever is lower.		
6	Check that there is good cool air flow from each outlet (including heads).		
7	Leave running for 1 hour and check that each area comes down to temperature.		
8	Check that all control panels operate correctly and backlighting functions.		

Water System and Shower Checks

No.	Check	Sign	Date
1	Fill water tank and monitor gauge operation.		
2	Attach pressure gauge at a convenient point on the cold water system.		
3	Switch fresh water pump on and ensure that system pressure is as per pump label. Adjust as required.		
4	Record system pressure reading. Switch off pump, remove gauge and restore system connections.		
5	Remove and clean shower and tap debris filters.		
6	Ensure fresh water and shower discharge pumps are switched on.		
7	Operate each shower control (minimum 10 minutes) and tap in turn including cockpit. Ensure good flow and correct connection (i.e. hot and cold not reversed).		
8	Check that all sinks and shower trays drain effectively and do not leak at waste fittings.		
9	Inspect grey water boxes during operation for leaks and float switch function.		
10	Check shower compartments for leaks.		
11	Run hot water taps to empty calorifier of hot water.		
12	Turn on immersion heater and allow water to come up to temperature.		
13	Check and record hot water temperature at any tap, TAKE CARE AS WATER MAY BE VERY HOT.		
14	Check shower extractor fans operate correctly and quietly.		

Bilge Pump Checks

No.	Check	Sign	Date
1	Isolate domestic batteries.		
2	Manually operate each float switch in turn. Check that pump runs and correct warning light at helm panel operates.		
3	Ensure that the alarm operates for each pump after short delay.		
4	Operate each manual switch in turn at the helm panel and verify correct pump operates.		
5	Operate manual bilge pump for each compartment in turn. Verify that the correct compartment is pumped effectively.		

Sea Cock Checks

No.	Check	Sign	Date
1	Verify that all sea cocks operate freely		

TV – DVD – CD – Checks

No.	Check	Sign	Date
1	Verify that all TV's are tuned		
2	Check all TV's operate by remote controls		
3	Verify that the TV's have audio output to Hi-Fi system (i.e. when using TV in DTV mode sound is sent to Hi-Fi).		
4	Insert disc into each DVD player and verify operation by remote control.		
5	Tune all radios to at least one AM and one FM station.		
6	Insert CD into each CD player and verify operation by remote control.		
7	Verify that all speakers operate including cockpit and flybridge.		
8	Verify that the MP3 interface operates correctly (where fitted)		
9	Ensure that all remote controls are labelled and have batteries fitted.		

Toilet System Checks – Dometic electric fresh water flushing

No.	Check	Sign	Date
1	Ensure fresh water pump and toilet circuit breakers are switched on.		
2	Using the 'fill bowl' switch introduce enough water to half fill toilet bowl in forward cabin.		
3	Using 'dry bowl' switch empty toilet bowl.		
4	Repeat steps 2&3.		
5	Using 'full flush' switch run fill and empty the toilet.		
6	Repeat above procedure for all other toilets.		

Toilet System Checks – Vacuum

No.	Check	Sign	Date
1	Ensure fresh water pump and toilet circuit breakers are switched on.		
2	Check that night switch is off and the control panel indicator lights are off.		
3	Turn on the night switch and verify that the control panel indicator light comes on (green or red).		
4	Check that the green "ok to flush" light is on (you may need to wait for system to reach vacuum for light to go green).		
5	Operate fill switch to introduce enough water to half fill the bowl.		
6	Operate the flushing switch. Ensure that the bowl empties and the valve fully closes and seals (a small quantity of water will automatically be introduced after the valve closes).		
7	Turn night switch off and verify that the vacuum pump stops and the red indicator light goes off. Turn night switch on and wait for system to achieve full vacuum.		
8	Operate service switch and press and hold flush switch until valve is fully open.		
9	Insert appropriate vacuum gauge into the toilet outlet fitting ensuring that enough water is introduced to form a good seal. Leave for 30 minutes then check and record vacuum reading. Reading must be at least -.4 bar		
10	Repeat above procedure for all other toilets.		

Holding Tank Checks

No.	Check	Sign	Date
1	Verify that holding tank has been emptied. Check that the gauge reads empty (green light only).		
2	Fill holding tank with fresh water via dockside discharge fitting. NOTE: DO NOT OVERFILL TANK AS THIS WILL DAMAGE THE BREATHER CHARCOAL FILTER		
3	With the tank full ensure that the toilets will not flush.		
4	Open holding tank discharge back-up pump discharge valve.		
5	Operate manual pump or electric back-up pump until the red LED on the holding tank gauge goes off.		
6	Check for leaks on hoses and fittings during operation.		
7	Close back-up pump discharge valve and turn on main holding tank discharge pump switch to auto.		
8	On systems with automatic electrically operated valve ensure that the valve opens when the control switch is set to auto (check electric valve manual override lever has moved)		
9	Open main holding tank discharge pump discharge valve and verify that pump operates.		
9	Check that the pump running light is on.		
10	Check for leaks on hoses and fittings during operation.		
11	Before tank is empty verify that the discharge pump operates in manual mode at the main switch panel		
12	When completed close valve and isolate switches.		

Refrigeration Checks

No.	Check	Sign	Date
1	Switch on all fridges, ice maker and cool boxes for a minimum of 4 hours.		
2	Check and record fridge cabinet temperatures.		
3	Ensure that compressor stops when thermostat setting is reduced.		
4	Evaluate all fridges for noise.		
5	Check that ice maker has made ice.		
6	Check that all fridge doors close and seal effectively.		
7	Ensure that all dual voltage fridges operate on DC when the AC power is dropped.		

Heating & Demist Checks

No.	Check	Sign	Date
1	Set thermostat to at least 10°C above ambient.		
2	Check that exhaust outlet is not covered or obstructed and switch heater on.		
3	Check all outlets for good hot air flow.		
4	Inspect all fuel connections for leaks.		
5	Allow to run for 1 hour.		
6	Switch off heating and check system goes through shut down cycle.		
7	Check that calorifier is up to temperature, switch on demister and check all outlets for good warm air flow.		

Fire Fighting System Checks

No.	Check	Sign	Date
1	Ensure that the override indicator panel LED's show green		
2	Start engines and generator then disconnect engine room cylinder pressure switch wires. Ensure engines and fans shut down.		
3	Go to helm panel and set control panel switch to 'Override'. Ensure engines re-start.		
4	Re-connect engine room cylinder pressure switch and turn ignition switches to the off position. Re-set panel switch to Normal.		
	Note:- this does not provide evidence of system soundness for insurance purposes. This will require specialist sub contractor certification. Verify if required.		

Corrosion Protection

No.	Check	Sign	Date
1	Apply wax to all exposed engine room ferrous components.		
2	Apply wax to all exposed steering system ferrous components.		
3	Apply wax to all battery terminals.		

Fuel Transfer & Polishing System Checks (where fitted)

Ensure day tank is filled to maximum prior to commencing this test. Run boat with fuel transfer pumps turned off until fuel alarm is activated. Carry out the following checks:-

No.	Check	Sign	Date
1	Pump not running alarm operates when display shows day tank level is at 75%.		
2	Commence fuel transfer in manual mode until alarm ceases to operate and check display shows 85%.		
3	Continue to run with transfer pumps turned off until pump not running alarm operates.		
4	Acknowledge alarm and continue to run with transfer pumps turned off until 'Day Tank Low' alarm operates.		
5	Display shows 20%		
6	Commence fuel transfer in manual mode until alarm ceases to operate and check display shows 30%		
7	Set pump to run in automatic mode and verify that fuel level increases and all alarms are cleared.		
8	Continue to run and monitor fuel level and verify that transfer pump cuts in when fuel level drops to 80%.		

Exterior , Deck Equipment & Miscellaneous Checks

No.	Check	Sign	Date
1	Turn on and operate searchlight from both stations. Ensure light operates in the correct direction and turns off from both panels.		
2	Verify that the horn operates from both stations.		
3	Verify that the instrument lights operate from both stations.		
4	Verify that the compass lights operate from both stations.		
5	Verify that the docking lights operate from both stations.		
6	Verify that the navigation lights operate and mimics panel LED's illuminate correctly.		
7	Verify that the anchor light operates and mimics panel LED illuminates correctly.		
8	Verify that wipers operate at both speeds and park correctly.		
9	Verify that the windscreen washers operate and are correctly aligned.		
10	Release windlass clutch and operate rope winch drum.		
11	Verify that all exterior light switches operate correctly.		
12	Check correct operation of snubbing winches.		
13	Operate garage winch using hand control. Verify winch pays out and recovers correctly.		
14	Open and close electric sliding roof. Verify roof runs smoothly and quietly.		
15	Ensure safety pins are removed from all Seafire extinguishers.		
16	Check boat specification for additional items that need to be tested i.e. fresh water shore line hook up		
17	Ensure that all remote controls are labelled and have batteries fitted.		
18	Each portlight with safety switch fitted must be opened in turn to ensure that visual and audible warnings operate.		
19	Check battery terminals are tight.		
20	Ensure fuel shut off cables and valves operate correctly.		

Exterior Upholstery Checks

No.	Check	Sign	Date
1	Inspect, fit and check all exterior cushions and backrests.		
2	Inspect, fit and check all sun bed cushions (includes flybridge infill).		
3	Inspect, fit and check all exterior covers.		
4	Record quantity of cushions and backrests		
5	Set up and check bimini top. Fit and check bimini top cover		

Record relevant information as set out in the following table.

No.	Check	Reading	Sign	Date
1	AC voltmeter reading - Shore support 1			
2	AC voltmeter reading - Shore support 2			
3	AC voltmeter reading - Generator 1			
4	AC voltmeter reading - Generator 2			
5	DC voltmeter reading – Domestic batteries			
6	DC voltmeter reading – Start batteries			
7	Fresh water system pressure			
8	Fresh water system pressure – pump 2			
9	Refrigerator temperature - galley			
10	Refrigerator temperature – saloon			
11	Refrigerator temperature – cockpit / flybridge			
12	Refrigerator temperature – stateroom			
13	Generator hours (1)			
14	Generator hours (2)			
15	Toilet vacuum reading forward cabin			
16	Toilet vacuum reading starboard cabin			
17	Toilet vacuum reading port cabin			
18	Toilet vacuum reading owners cabin			
19	Toilet vacuum reading crew cabin			
20	Toilet vacuum reading wheelhouse			
21	Quantity of hand held fire extinguishers checked			
22	Quantity of backrest cushions			
23	Quantity of seat base cushions			
24	Quantity of sun bed cushions			
25	Port rubbing band to waterline measurement			
26	Starboard rubbing band to waterline measurement			

Equipment list.

Use the following table to provide a list of additional items on board that may be included in its sale. Please include all equipment remote controls.

Item	Location	Last serviced


PRINCESS
 Princess Motor Yacht Sales
 Platinum Used Boat Scheme Sea Trial

Boat..... Yard number.....Date.....

Trial carried out by:-|Skipper.....Crew.....

Persons on board.....Wind speed / direction.....Sea state.....

Fuel..... Water.....

HIN: -

Engine numbers:-

Port Stbd.....

Action	Pass	Fail
Check all navigation instrument covers are on board		
Check and secure LOB items		
Check carpets for damage and stains		
Check cushions and backrests correctly stowed		
Check and record generator and engine hours		
Ensure safety kit is on board		
Check all steering linkage fastenings are tight including hydraulic cylinder end connector.		

Action	Pass	Fail
1. Check all port lights and hatches are closed and boat is secure for sea trial.		
2. Check engine, gearbox, steering, trim tab and other hydraulic oil and coolant levels.		
3. Check that all engine mounts have lock nuts or locking washers fitted.		
4. Ensure navigation equipment settings are as per set-up sheets.		
5. Run both engines and check for leaks whilst alongside. Check gear operation.		
6. Carry out low speed run, stop and check shaft logs, exhausts and engines for leaks.		
7. Check engine room, lazarette and forward bilges are dry and oil free.		
8. Carry out VHF test.		
9. If all is OK continue with sea trial.		

Ensure that the area in which you are testing is clear and safe to carry out trials. Obtain clearance from the local port authority where required and notify them when testing has been completed. Good seamanship and common sense are the overriding priorities. Lifejackets are to be worn by all persons during sea trials.

Lower Helm.			
	Port	Starboard	Comments
Maximum engine r.p.m.			
% engine loading			
Engine oil pressure			
Water temperature			
Gearbox oil pressure			
Engine volts			
Engine hours			
Maximum speed - log			
Maximum speed - GPS			

Upper Helm.			
	Port	Starboard	Comments
Maximum engine r.p.m.			
Engine oil pressure			
Water temperature			
Gearbox oil pressure			
Engine volts			
Maximum speed - log			
Maximum speed - GPS			

Action	Pass	Fail
Carry out steering checks as per instruction sheet 1.		
Check gear and throttle operation as per instruction sheet 2.		
Carry out auto pilot and radar checks as per instruction sheet 3.		
Check and adjust log reading as per instruction sheet 4.		
Carry out trim tab checks as per instruction sheet 5.		
Carry out anchor windlass checks as per instruction sheet 6.		
Carry out vibration evaluation at all rpm		
Re-check all bilge areas for signs of leaks.		
Check portholes for leaks.		
Operate bowthruster in each direction for one minute (with engines running).		
Operate sternthruster in each direction for one minute (with engines running).		
Repeat relevant checks at upper helm.		
Operate stabilisers in At Sea and At Rest function.		

Sheet 1 – Steering Checks.

No.	Check	Lower	Flybridge	Date
1	Check amount of helm to port and starboard and turning circles are equal.			
2	Check helm indicator and auto pilot rudder indicator is correctly aligned.			
3	Run boat at high speed and carry out lock to lock manoeuvre.			

Comments / additional information

Sheet 2 – Gear and Throttle Operation.

No.	Check	Lower	Flybridge	Date
1	With synchro switched off, engage forward gears and increase engine speed to 1000 rpm. Ensure levers are aligned.			
2	Repeat above procedure at 2000 rpm.			
3	Repeat above procedure at maximum rpm.			
4	Check third station operation and joystick control (where fitted).			

Comments / additional information

Sheet 3 – Auto Pilot and Radar Checks.

No.	Check	Lower	Flybridge	Date
1	Run boat at approximately 25kn. Settle boat onto course and engage auto pilot. Check that boat holds its course.			
2	Introduce 90 degree course change to starboard. Check that boat holds its course and heading corresponds to compass bearing.			
3	Ensure heading reading is correct. Adjust as per set up sheets if required.			
4	Carry out above procedure two more times until boat is back on original course.			
5	Carry out tracking check as per instruction card.			
6	Carry out radar alignment check			
7	Ensure that auto pilot deviation setting is less than 12°			

Comments / additional information

Sheet 4 – Log Speed Setting

No.	Check	Lower	Flybridge	Date
1	Run boat at 20 knots LOG GPS speed and check that log reading is the same within .5 knots. (use the average of two up / down runs)			
2	Repeat at maximum speed.			
3	If speed differs calibrate as per set up sheets. (at maximum speed).			

Comments / additional information

Sheet 5 – Trim Tab Checks.

No.	Check	Lower	Flybridge	Date
1	Run boat at approximately 25kn. Apply maximum port tab and ensure boat heels to starboard.			
2	Return port tab to minimum and apply maximum starboard tab. Ensure boat heels to port.			
3	Return starboard to minimum.			
4	Check auto retract function.			

Comments / additional information

Sheet 6 – Anchor Windlass Checks & additional ‘At anchor’ checks.

No.	Check	Sign	Date
1	Ensure that ‘Bitter End’ is tied off in chain locker.		
2	Position boat in approximately 10 Metres of water		
3	Launch anchor using foredeck remote control.		
4	When anchor has ‘set’ go to lower helm and pay out chain using lower helm control switch. Use same control switch to recover a few metres of chain. Verify switch is operating the right way round.		
5	Check loud hailer and intercom through VHF handset.		
6	Carry out the same procedure from the Flybridge position. (repeat item 4).		
7	Check hydraulic connections for leaks and check system pressure (where relevant) is correct.		
8	Check engine room and lazarette are dry and oil free. Check sea cocks, exhausts and shaft logs for leaks		
9	Check and tune all TV’s whilst at anchor		
10	Check that hot water (TAKE CARE AS WATER MAY BE VERY HOT) is available whilst at anchor.		
11	Fully recover anchor from foredeck using foredeck remote control. Verify control is operating the right way round and that anchor stows correctly.		

Comments / additional information