

## Spirit of Norfolk

### Captain Pre-Cruise Check List

#### Engine Room:

- Generator(s) - check all gauges; visual inspection of engine
- Start Main Engines – check all gauges; visual inspection of engine
- HVAC Pumps – visual inspection
- Sea Valves – all in the open position
- Fire Pump – valves in correct position
- Bilge Pump – valves in correct position
- Air Compressor – visual inspection
- Batteries – switched to on
- Battery chargers – plugged in & operable
- 

#### Wheel House:

- Bow Thruster – turn on
- Alarm panel – turn on
- Steering Pump – turn on
- VHF Radios – turn on; make security calls on 13,16
- Furuno Chartplotters/Radars – turn on
- AIS – change nav status to “Underway”
- Nav Lights – turn on if sun sets during your cruise or visibility restricted
- Throttles – check on helm station & port side docking station; listen for air leaks
- Engines – check shifting to forward & reverse while lines are still on
- Microphone – test (prior to loading passengers)
- Search Light – test & leave pointed on bow

**Spirit of Norfolk  
Engineering Pre-Cruise / Start-Up Checklist**

FIRE EXTINGUISHERS (in position, charged, access unobstructed)

- Galley outside E/R Door CO2
- Galley outside E/R ABC
- Inside E/R door CO2
- Escape Ladder ABC

INSPECT BILGE UNDER SEWAGE PUMP

PUMP SEWAGE (if more than 4 days since last cruise) Check outside connection 1<sup>st</sup>!

CHECK FUEL LEVELS IN BOTH TANKS

Port  Starboard

BATTERY BANKS (4)

PORT

Charger  Terminals (8)  Lids (2)

STARBOARD

Charger  Terminals (8)  Lids (2)

PORT SEA CHEST

- Hose Connections tight / no leaks
- Bilge dry (no signs of leaks)
- Valves in correct position

STARBOARD SEA CHEST

- Hose Connections tight / no leaks
- Bilge dry (no signs of leaks)
- Valves in correct position

BLOWERS (2)

- Screen free of debris
- On after switching power (except in winter)

AIR COMPRESSOR

- Bleed Air Tank
- Oil level
- Test operation and oil pressure

STUFFING GLANDS (little or no drip)

Port  Starboard

EMERGENCY LIGHTS (confirm in place and test)

- E/R
- Galley

FIRE AND BILGE VALVES (check position) \_\_\_

GENERAL CLEANLINESS (all pathways clear, not slippery, etc.) \_\_\_

PORT MAIN ENGINE

- \_\_\_ Check Throttle and Clutch connections
- \_\_\_ Check for water in fuel bowl using a flashlight
- \_\_\_ Check Oil level (look for signs of contamination on dipstick [milky, diesel smell, etc.]
- \_\_\_ Visual check (leaks loose connections, etc.)
- \_\_\_ Check Coolant Level
- \_\_\_ START ENGINE
  - \_\_\_ Oil Pressure
  - \_\_\_ Fuel Pressure
  - \_\_\_ Gear Oil
  - \_\_\_ Recheck Oil Pressure w/engine running

STARBOARD MAIN ENGINE

- \_\_\_ Check Throttle and Clutch connections
- \_\_\_ Check for water in fuel bowl using a flashlight
- \_\_\_ Check Oil level (look for signs of contamination on dipstick [milky, diesel smell, etc.]
- \_\_\_ Visual check (leaks loose connections, etc.)
- \_\_\_ Check Coolant Level
- \_\_\_ START ENGINE
  - \_\_\_ Oil Pressure
  - \_\_\_ Fuel Pressure
  - \_\_\_ Gear Oil
  - \_\_\_ Recheck Oil Pressure w/engine running

ACTIVE GENERATOR

- \_\_\_ Check for water in fuel bowl using a flashlight
- \_\_\_ Check Oil level (look for signs of contamination on dipstick [milky, diesel smell, etc.]
- \_\_\_ Visual check (leaks loose connections, etc.)
- \_\_\_ Check Coolant Level
- \_\_\_ Check Oil Fill for signs of contamination (milky)
- \_\_\_ START/WARM UP
  - \_\_\_ Oil Pressure
  - \_\_\_ Fuel Pressure

ACTIVE GENERATOR, CONT'D

- \_\_\_ ALLOW ENGINE TO WARM UP 5 MINUTES, SWITCH TO OPERATING SPEED –1800 RPMS
  - \_\_\_ Check Tachometer (1800 RPMs)

No part of a report of a marine casualty investigation shall be admissible as evidence in any civil or administrative proceeding, other than an administrative proceeding initiated by the United States. 46 U.S.C. §6308.

- Check Frequency on Electrical Panel (60 Hz.)
- Check Volts on Electrical Panel (208)
- SWITCH POWER (alert galley first)
- Check Tachometer (1800 RPMs)
- Check Frequency on Electrical Panel (60 Hz.)
- Check Volts on Electrical Panel (208)
- Maximum Load (Amps) not exceeded

STANBY GENERATOR

- Check for water in fuel bowl using a flashlight
- Check Oil level (look for signs of contamination on dipstick [milky, diesel smell, etc.]
- Visual check (leaks loose connections, etc.)
- Check Coolant Level
- Check Oil Fill for signs of contamination (milky)

# SPIRIT OF NORFOLK

## ENGINEERING CHECK LIST

|              |                 |              |                |              |
|--------------|-----------------|--------------|----------------|--------------|
| <b>DATE:</b> | <b>CAPTAIN:</b> | <b>MATE:</b> | <b>CRUISE:</b> | <b>TIME:</b> |
|--------------|-----------------|--------------|----------------|--------------|

|                           |                           |
|---------------------------|---------------------------|
| <b>PORT FUEL READING:</b> | <b>STBD FUEL READING:</b> |
|---------------------------|---------------------------|

|  |       |       |       |       |  |       |       |       |       |
|--|-------|-------|-------|-------|--|-------|-------|-------|-------|
| <b>PORT GEN ENGINE HOURS: (      )</b> |       |       |       |       | <b>STBD GEN ENGINE HOURS: (      )</b> |       |       |       |       |
| TIME                                   |       |       |       |       | TIME                                   |       |       |       |       |
| RPM (1805-1815)                        | ----- | ----- | ----- | ----- | RPM (1805-1815)                        | ----- | ----- | ----- | ----- |
| WTR TMP (170-180)                      |       |       |       |       | WTR TMP (170-180)                      |       |       |       |       |
| OIL PSI (60-70)                        |       |       |       |       | OIL PSI (60-70)                        |       |       |       |       |
| FUEL PSI (20-30)                       |       |       |       |       | FUEL PSI (20-30)                       |       |       |       |       |
| EXP TNK (Full)                         |       |       |       |       | EXP TNK (Full)                         |       |       |       |       |
| VOLTAGE (205-210)                      |       |       |       |       | VOLTAGE (205-210)                      |       |       |       |       |
| AMPS (not > 500)                       |       |       |       |       | AMPS (not > 500)                       |       |       |       |       |
| FREQ (60.0)                            |       |       |       |       | FREQ (60.0)                            |       |       |       |       |

|                                |  |  |  |  |                                |  |  |  |  |
|--------------------------------|--|--|--|--|--------------------------------|--|--|--|--|
| <b>PORT MAIN ENGINE HOURS:</b> |  |  |  |  | <b>STBD MAIN ENGINE HOURS:</b> |  |  |  |  |
| TIME                           |  |  |  |  | TIME                           |  |  |  |  |
| RPM (will vary)                |  |  |  |  | RPM (will vary)                |  |  |  |  |
| WTR TMP (180-190)              |  |  |  |  | WTR TMP (180-190)              |  |  |  |  |
| OIL PSI (40-70)                |  |  |  |  | OIL PSI (40-70)                |  |  |  |  |
| THROTTLE %                     |  |  |  |  | THROTTLE %                     |  |  |  |  |
| EXP TNK (Full)                 |  |  |  |  | EXP TNK (Full)                 |  |  |  |  |
| STFF BX (Cool)                 |  |  |  |  | STFF BX (Cool)                 |  |  |  |  |
|                                |  |  |  |  |                                |  |  |  |  |
|                                |  |  |  |  |                                |  |  |  |  |

|                     |  |  |  |  |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|--|--|--|
| <b>HVAC CHECKS:</b> |  |  |  |  | <b>NOTES/COMMENTS:</b>                                 |  |  |  |  |
| SEA CHESTS          |  |  |  |  | <p><b>*KEEP HVAC PUMPS IN HAND WHILE UNDERWAY*</b></p> |  |  |  |  |
| 1ST DECK            |  |  |  |  |  |  |  |  |  |
| 2ND DECK            |  |  |  |  |  |  |  |  |  |
| GALLEY              |  |  |  |  |  |  |  |  |  |
| AIR PSI (115-140)   |  |  |  |  |  |  |  |  |  |
| STEERING (120-160)  |  |  |  |  |  |  |  |  |  |