

WINTERIZING TALK GIVEN 11/13/13 AT THE BYC
BY JEFFREY SMITH, MASTER/OWNER OF THE DAVID B.

THINGS THAT YOU MUST DO

1. Top up fuel tanks to avoid tank corrosion and water in fuel
2. Check All dock lines & fenders for security, abrasion
3. Double dock lines for safety
4. Check powercord - replace if necessary (should never be warm, especially at ends)
 - a. Spray end pins with Corrosion-X; be sure no pins are burned, or replace cord!
 - b. *DO NOT* coil shore power cable tightly or put in tight coil-holder.
5. Check antifreeze in all engines
6. Check all bilge pumps
7. Turn off propane at tank
8. Verify Bilge Pumps operative by moving float switches, breakers "On", fuses good
9. Turn off unnecessary breakers
10. If battery charger is a modern, smart one, have it on; if battery stays warm a day or two, consider replacing charger for one that protects batteries better..

OTHER WORK, ORGANIZED BY SYSTEM

A. WATER AND WASTE SYSTEMS:

1. Drain water from lines; use compressed air if necessary
 - a. Lines off fixtures as necessary to drain
2. Flush out holding tank so it is clean, empty
3. Service Heads/Toilets to be sure drained and clean

B. ENGINE ROOM:

1. All raw water seacocks lubricated and closed
2. Change oil reducing overwinter acidic content, take oil sample for historic reference
3. Check anti-freeze protection level (use a-f hydrometer, less than \$8.00 at auto parts store)
4. Check batteries:
 5. If wet cell type, fill and use battery hydrometer to verify condition (less than \$10)
 6. Tighten battery cables, make sure all cable connections are cool to touch
 7. If necessary, stuffing box tightened / dripless shaft seal serviced
8. Engine zincs (including generator) serviced and noted
9. A simple engine room heater is a light bulb/trouble light, 40 - 100 watts, leave it "On".
10. If a gas boat, be sure fuel lines are secure, no open sparks
11. Start-ups & running not suggested unless engines in gear, at dock, for at least an hour!

C. EXTERIOR

1. Halyards, sails and lines secured to avoid banging, bagged, removed, cleaned as necessary
2. Canvas and winter covers clean and in place

D. CLEANING

1. Clean whole interior from bow to stern
2. Take bedding off and other coverings off and store at home as possible
3. Prop mattresses or roll to store them or take them home
4. Prop cushions or take home
5. Remove all food
6. Clean fridge
7. Clean cabins
8. Use "Salt Away" to wash areas that could possibly be salty
9. Lift Floorboards, clean under them, leave ajar is safe to do so
10. Floors should be clean or protected with builders paper
11. Consider shrink-wrapping boat if possible (better than tarps!)
12. Galley clean, dry, polished (especially ranges, freezers, fridges)
13. Fridges, freezers, ice boxes all off & empty and propped to allow air to circulate
14. Make sure fresh air can circulate everywhere

E. ATTACHMENTS AND UNDERWATER:

1. Outboards removed and stored ashore after full servicing
2. Skiffs/Dinghies ashore if possible, clean, protected from wind and flooding
3. Check/Replace Zincs on hull, shaft, trim tabs
4. Leave all drawers and cabinets ajar
5. Use dessicant, driers and fans as necessary
6. Put 'Do Not Start' tags on engine(s) after they are secured
7. Have a plan for checking on boat yourself, or with a "boat nanny" or paid boat checker/friend
8. Check boat during winter if weather is significant
9. Use Oil heaters (like radiators from Lowes or Home Depot, around \$40)