

**HEAD, HOLDING TANK AND OPTIONAL MACERATOR PUMP
OPERATION INSTRUCTIONS AND TROUBLESHOOTING GUIDE**

A. USING THE HEAD

1. Read the instructions for operation of the toilet supplied with the marine head. These instructions are also printed on the toilet pump housing. Be sure everyone who will be using the head is familiar with these instructions.
2. Immediately before using the head, the inlet valve, 'A' must be opened. This provides flushing water to the toilet. The valve should be kept closed when the head is not in use. This will prevent water from flooding the boat if the valve in the toilet pump should fail.
3. Waste will be pumped directly into the holding tank when the bowl is emptied. A minimum amount of water necessary for each flush should be used in order to take best advantage of the tanks capacity between pump-outs.

**B. EMPTYING THE TANK THRU THE
DECK DISCHARGE PLATE**

1. The holding tank should be emptied via the deck discharge plate only at approved shore based pump-out stations.
2. Remove the cap from the deck discharge plate. The threads on the plate cap should be periodically coated with silicone spray or petroleum jelly to insure a good seal.
3. The pump-out station suction hose should form a seal at the deck plate.
4. Be sure inlet valve 'A' is closed when tank is being emptied.
5. After the tank is empty, you may choose to open valve 'A' and pump some water thru the toilet and into the tank to dilute residual sludge and rinse the tank and lines.