

## ALTERNATOR TEST REGULATOR

MULTIMETER SET UP TO RED DC CURRENT (10 OR 20A SCALE)

TO SHIP'S ELECTRICAL SYSTEM VIA BREAKER OR ANL CURRENT LIMITER  
 FROM SHIP'S ALTERNATOR REGULATOR

EXISTING B-LEAD WIRE  
 EXISTING FIELD WIRE

1. DISCONNECT EXISTING FIELD WIRE FROM ALTERNATOR.
2. MAKE "TEMPORARY INSTALLATION" OF GENERIC REGULATOR AS SHOWN.
3. TURN BATTERY MASTER SWITCH "ON"
4. NOTE CURRENT READING AT "AMPS" SHOULD BE IN EXCESS OF 2 AMPS, IF NOT ALTERNATOR IS BAD
5. START ENGINE AND NOTE SYSTEM VOLTAGE.
6. IF IT APPEARS NORMAL, INCREASE RPM AND TURN ON MAXIMUM NUMBER OF SYSTEM LOADS WHILE OBSERVING VOLTAGE.
7. IF VOLTAGE IS STABLE THEN ALTERNATOR IS OKAY AND REGULATOR OR SHIP'S WIRING IS BAD. IF VOLTAGE IS NOT NORMAL OR ALTERNATOR WON'T CARRY LOADS, THEN ALTERNATOR IS BAD.

