

USING YOUR SI-TEX DUAL ALARM ECHOSOUNDER

GENERAL

Your depth sounder has been designed to give good results, even under adverse conditions, but to obtain the very best from your instrument, the following hints should be read carefully and followed as far as practical.

- A. The position of the instrument should be at least 2 feet from the vessel's magnetic compass.
- B. To reduce the possibility of induced interference from the engine's generator and/or ignition system, choose a position as far away from the engine as possible and run the cable from the transducer as far as practical from the engine. Do not cut the transducer cable, but stow any excess away from any possible source of electrical interference
- C. This product is not waterproof. Do not expose it to rain or spray. Your warranty does not cover water damage.

NOTES ON ELECTRICAL INTERFERENCE

External electrical interference is characterized by persistent, random flashes around the scale which obscure the true depth reading on the depthsounder.

This is caused by large amplitude voltage "spikes" generally associated with the engine's alternator and/or ignition system which has not been properly suppressed. These "spikes" may find their way into the sensitive amplifier section of the depth sounder in two ways.

- A. Through the vessel's common power supply.
- B. Through direct radiation from the source of interference.

The effects of radiated interference will be very much reduced if the recommendations in 1(b) are followed. Should the interference still be apparent try reducing the GAIN control which discriminates against interference while still allowing adequate signal strength from the transducer.

CONNECTING THE EXTERNAL POWER SUPPLY

The FL-9 and FL-10 will operate from a supply of 10-16 volts DC. Current consumption is typically 130 MA.(2W).

The FL-9 and FL-10 are supplied with a 2 pin plug and power cable which fits into a socket at the rear of the case. Connect the power lead into the vessel's power supply, red (positive) and black (negative).

UNDER NO CIRCUMSTANCES SHOULD A POWER SUPPLY HIGHER THAN 16V BE CONNECTED.

INSTALLATION OF TRANSDUCER

Refer to instructions that are included with the transducer.

OPERATING CONTROLS

The FL-9 and FL-10 have only four control knobs.

The top two controls set deep and shallow water alarms. When the vessel enters deep or shallow water corresponding with either of the preset alarm ranges, an audible alarm will sound.

The bottom left hand knob operates; ON/OFF, A (80 FOOT RANGE), B. (300 FOOT RANGE).

The bottom right hand knob operates the GAIN control.

USE OF GAIN CONTROL

The sensitivity of the FL-9 and FL-10 will be increased by rotating the GAIN control clockwise. Gain should be set at a level that will show bottom depth as a red blip on display. Too much gain will result in erroneous markings. Experience will soon determine a satisfactory gain setting.