

KURZ-KASCH INC. ELECTRONICS DIVISION 2271 ARBOR BLVD, DAYTON, OHIO 45433

Operating Instructions

For Model 192A, 185B, C SEAWOLF

Midway

| | | SL2 | | | | START 2 | | | SR2 | | | | 5 V |
|-----|----------|----------|------------|----------|------------|--------------|----------|----------|----------|------------|----------|----|------------|
| LLP | SL1 | x SL5 | ST 3 | LRP | x | X START 1 | RLP | SR1 | x SR5 | SR3 | RRP | ON | OFF |
| x | x | x SL4 | x : | x | x (| | x | x | x SR4 | x . | x | | |
| | SL6 | × | SL7 | | | COIN | | SR6 | × | SR7 | | PO | WER |
| | x | | x | | | x | | × | | × | x | ÓN | OFF |

- 1. Insert 192A card into program "A" connector, number side up.
- 2. Insert 185B card into program "B" connector, number side up.
- 3. Insert 1850 extender card into test fixture, number side up.
- 4. Insert computer board into 1850 extender card.
- 5. Connect 12 pin and 22 pin molex edgeboard connectors to vertical control board with orange dot facing on component side of control board.
- 6. Connect rectangular 12 pin AMP connector to sound board. (Game will operate without sound board.) Connect a speaker across two RED wires.

| 7. | Push 5 VOLT switch to ON. | CONTROL SWITCH | OPTO-ISOLATOR LOCATION & PIN # |
|-----|--|-------------------|--------------------------------|
| 8. | Push POWER switch to ON. | Coin | A2-2 |
| 9. | Push START 2 once for COMPUTER RESET. | Start 1 SR1 | A2-3 B1-2 |
| 10. | Push COIN once. | SR2 SR3 SR4 | B1-3 B2-2 B2-3 |
| 11. | Push START 1 once. | SR5 SR6 | A1-2 A1-3 |
| 12. | SRI thru SR5 will exercise all opto-isolator inputs which control torpedo firing locations. Any combinations of SRI thru SR5 will give different firing locations. | SR7 | Erase-2 |

- 13. To fire torpedos, SRL thru SR5 must be held down before pushing firing switch SR6.
- 14. To ERASE high score push SR7.

13. Credit LEDS 1, 2, 4, 8, 16 and 32 are read by adding values of LEDS on $X 5\phi$:

| 1 | 2 | 4 | 8 | 16 | 32 | | * |
|---|---|---|---|----------|----|------|------|
| • | 0 | 0 | 0 | 0 | 0 | = | 5¢ |
| 0 | • | 0 | 0 | 0 | 0 | = | 10¢ |
| • | 0 | • | 0 | 0 | 0 | = | 25¢ |
| 0 | • | 0 | • | 0 | 0 | = | 50¢ |
| 0 | 0 | • | 0 | / | 0 | = \$ | 1.00 |

1.87 - 2.47 - - 287 NOTE: Start 1 clears counters but does not clear computer. To clear computer turn power to off, wait about five seconds then turn POWER back on.