



**NOTES:**

- (1) INSTALL 30 AMP CIRCUIT BREAKER ON SHIPS POSITIVE SUPPLY LEAD
- (2) EACH REEL / RELAY BOX REQUIRES A SEPARATE SLAVE BATTERY IN A MULTI-REEL INSTALLATION
- (3) SLAVE BATTERY MUST NOT BE GROUNDED TO VESSEL SYSTEM
- (4) DO NOT CONNECT ANY OTHER DEVICES TO SLAVE BATTERY



LINDGREN-PITMAN, INC.  
12V TO 24V SLAVE BATTERY  
RELAY BOX WIRING

PENN INTERNATIONAL  
SHIMANO TIAGRA  
ELECTRIC REEL CONVERSION