

CHAPTER 31

AUXILIARY MACHINERY

31-3 ANCHOR WINDLASS AND CAPSTAN:-

A speed control provides an "OFF" position; a "PICK-UP", a "LOW SPEED" and "HIGH SPEED" in each direction of rotation.

The Windlass and Capstan are located on the Superstructure Deck, port side, between frames 9 and 10.

For Windlass and Capstan layout see PLATE VIII, "Anchor and Ramp Handling Gear."

31-4 STERN ANCHOR WINCH:-  
(PLATE IX)

A single drum, Stern Anchor Winch, with a drum for spooling 150 fathoms of 1-1/4" wire rope anchor cable is provided. It is capable of operation in both directions.

Power is provided by a gasoline engine through a torque converter and suitable reduction gears. All are mounted on a common foundation.

The winch supplies a line pull of 50,000 pounds at a line speed of 3 to 6 feet per minute and a light line speed of 300 feet per minute.

The winch is provided with a friction brake and an additional friction brake for holding the output shaft stationary against the idling torque of the engine.

A gypsy head is provided on the winch which may be used for towing stalled tanks or vehicles or for other power uses.

The stern anchor winch is located on the Main Deck, port side, just aft of frame 29.

For further details of operation and layout see PLATE IX.

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