



Glossary of Terms

- AMPS Workload** – current draw for the motor at full working load.
- Anchor Rode** – the line that secures the anchor to the vessel, consisting of either rope, chain or a combination of rope and chain.
- Automatic Free Fall** – Windlass releases automatic clutch by a means of a remote switch for rapid deployment. No user interaction.
- Bridle** – chain stopper/compressor, devils claw. Located between the winch and bow roller. Secures chain and takes load off the winch/windlass.
- Capstan** – drum, rope drum. The capstan is used for hauling rope.
- Displacement** – The amount of water displaced by a floating vessel, usually measured in tonnes.
- Fixed drive** – Direct couple from transmission to gypsy/capstan.
- Free Fall** – Release of clutch manually releases the chain to freefall.
- Gypsy – Chain gypsy, wildcat, chain wheel** – A special wheel with pockets to suit chain and or rope for hauling up the anchor and anchor rode.
- Hauling** – weighing, lifting. The operation of lifting anchor, rope or chain.
- Hawser** – chain pipe that anchor rode feeds through into locker.
- Horizontal windlass/winch** – Drive shaft, capstan and gypsy are located horizontally to the deck.
- Inline drive** – powerful and efficient integrated gearbox and motor.
- Manual Operation System (MOS)** – Handle fits directly into gypsy by removing the capstan or clutch top.
- Manual Override System (MORS)**– Handle fits into windlass top and over-rides the transmission and ratchet drive system. Power back up can be used.
- Maximum Load** – The maximum operating load that could be applied to the windlass, but the load the winch would normally be subjected to is substantially less.
- Max Line Speed** – Maximum speed the anchor rode could be retrieved at.
- Ratchet drive** – Indirect couple from transmission to gypsy/capstan via a ratchet cone. This allows for normal powered operation and manual operation where some power is available.
- RCMS** – Rope Chain Management System.
- Vertical windlass/winch** – Drive shaft, capstan and gypsy are located vertically to the deck.
- Workload** – Typical lift. Usually up to 25% of the Maximum load.

Abbreviations

DC	Direct Current	MPa	Megapascal	m	Metre
AC	Alternating Current	PSI	Pounds per square inch	mm	Millimetre
HYD	Hydraulic	lb	Pound	"	Inch
gal	Gallons (US)	kg	Kilogram	' / ft	Feet
lt	Litres	Min	Minute		