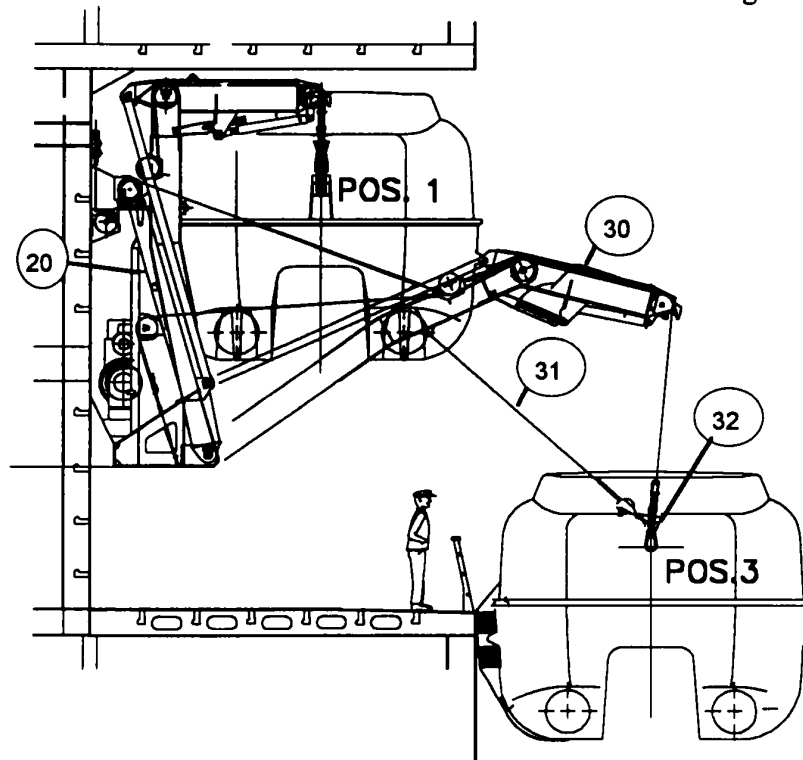


1.0 DESCRIPTION

1.1 General description

Fig. 1



The VIP davit is of compact design and generally for use on board cruise ships. Launching is carried out by releasing lashings and winch brake, thus enabling gravity to take over and launch the tender/survival craft, craft can also be lowered using electric motor (option).

The winch type to be used with this davit type is denoted as W 120 with a maximum working load of 24 tons when winch is used with double wire configuration.

The descent from the lowering position to the sea is under controlled conditions and hoisting and lowering is accomplished with the use of an electric motor.

1.2 Speeds

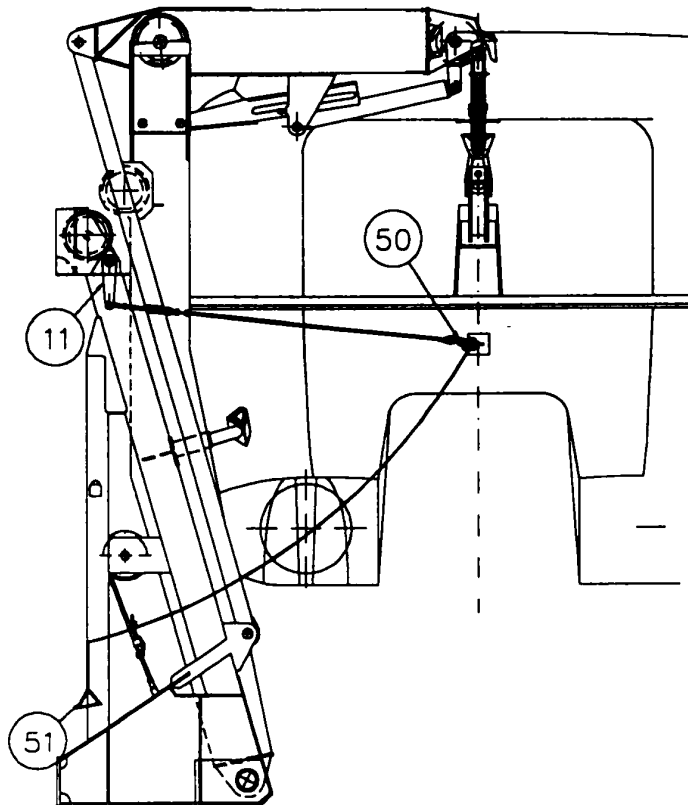
The designed speeds are as follows:

Speed from stowage to lowering position	=	30 ± 10 sec.
Lowering speed from lowering position to sea	=	45 m/min. max.
Hoisting speed loaded (Max. 6 pers.)	=	see winch spec.

(Hoisting/lowering speeds are found by dividing winch speeds by 2 (double wire)).

1.3 Release of lashings

Fig. 2



Drawings in this chapter are principle illustrations and can vary to specific installations. For specific details see installation drawings.

Before the lowering sequence can start, the lashing wires must be released. This is carried out by pulling a handle on wire (item 51) which is attached to the quick release hook (item 50). The quick release hook opens and the survival craft is free from lock (item 11) between the main davit arm and the ships bulkhead fixing unit.

1.4 Floating blocks

When the survival craft is in the stowed position the floating block is stowed on the sheave housing thus leaving the wire falls in the unloaded condition.

1.5 Hoisting control

For hoisting there is a push button control, this is positioned on the deck at the ships side so giving the operator 100 % visual contact during the hoisting operation.