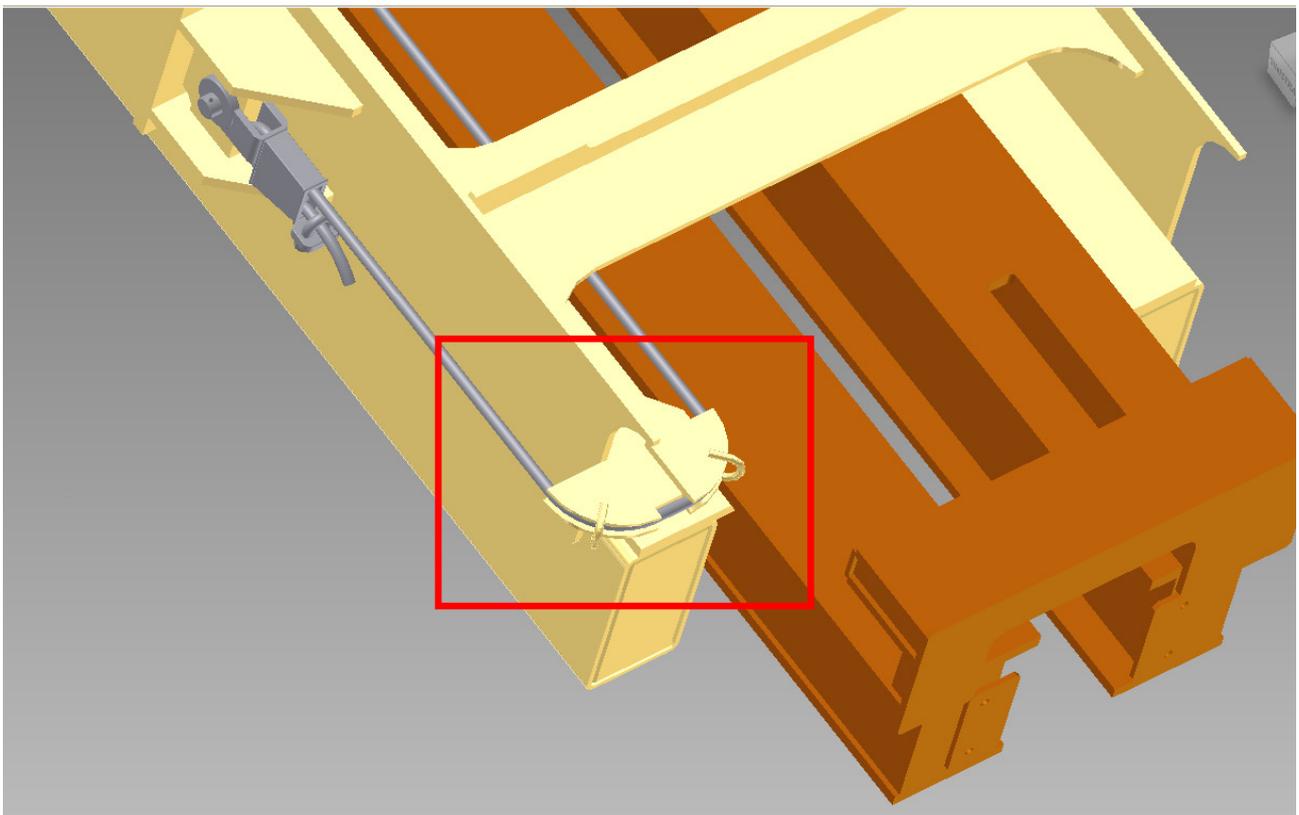


Product	STORED POWER TELESCOPIC DAVITS Types : SPDT L150P - SPDT T150P - <u>SPDT R 60P</u>
Purpose	Maintaining the efficiency and reliability of the hoisting wire ropes
Summary	Inspection and maintenance to the fixed connection ends

Description

In several types of telescopic davits the fixed end of the wire rope is deviated before to reach the spelter socket of the fixed connection by means of a fixed steel sheave guide. This steel sheave guide is arranged in front of the fixed frame of the davit arm (see the detail in the picture).



It is mandatory to inspect periodically the efficiency of the whole length of the wire rope with special regard to the areas passing through the sheaves including the rope's length along this guide.

It is also mandatory to renew the falls when necessary in way of deterioration or at intervals of not more than 5 years, whichever comes earlier.

Routine maintenance includes visual inspection and greasing of the wire ropes.

Greasing interval should be adjusted to the service conditions of each single station considering that high frequency of operation and bad environmental conditions may recommend to reduce this interval that should not exceed, in any case, 6 months. Visual inspection is recommended every month and as general checking before each operation.

Attention has to be paid to identify wire corrosion and broken wires in the standing rope on the fixed sheave guide and at both sides of this one.

From the service platform or the embarkation deck it is possible to observe only the last part of this guide, since the most part is hidden by the arm. Thus periodical inspection has to be made from the boat, moving the telescopic arm to check this part of wire rope on its entire length. During this operation pay attention to follow the instructions given in the safety warnings.

If the standing rope is corroded or the broken wires exceed 2 breaks at fixed end and 3 breaks on a length of 10 diameters, the rope end is to be cut (for the maximum length of one drum coil, corresponding to about 2 m, for lifeboat and tender davit). This permits to renew the fixed connection.

Important cautions.

- The end cutting operation can be done only one time otherwise the wire has to be changed and reinstalled according the procedure set in the operating manual. For this purpose please refers also to LSA guidance note 3 – Fall wire inspection and maintenance.
- The above inspections are to be carried out on all fixed connections. Records of inspections, maintenance and end cutting shall be updated indicating the date, the davit number, the fall (fore or aft) and the cut length of fall, if done.
- It is also recommended to check the wire rope fixed connection, as above described, during any other maintenance operation to the falls that are carried out extending the davit arms (i.e. during greasing operations).
- Do not cover with grease the rusted parts of the ropes without having alerted the safety officer for a more accurate check.
- When checking the falls integrity, verify also the status of the steel structures for corrosions, wears, deformations, etc. If any of these is found, report this one to our Service Dept, possibly together to digital pictures relevant to the interested areas.

Safety warnings. For all these inspections and all maintenance operations to the fixed connection, fasten the boats with the maintenance.

The reliability of the wire ropes is improved slacking the ropes after the boat stowing. People are to be secured by safety belt hocked to a safety line or to the lifespan (if not corroded) and they are to wear floating jacket. Remember that the lifespan cannot be tightened.

It is recommended, when carrying out the above mentioned activities, to comply with applicable Health, Safety and Environment instructions and procedures.

For any further information please contact our service dept.