

TECHNICAL BULLETIN



The present technical bulletin contains technical information aimed to support/improve Navalimpianti Tecnimpianti equipment in operation.
This Technical Bulletin applies to:

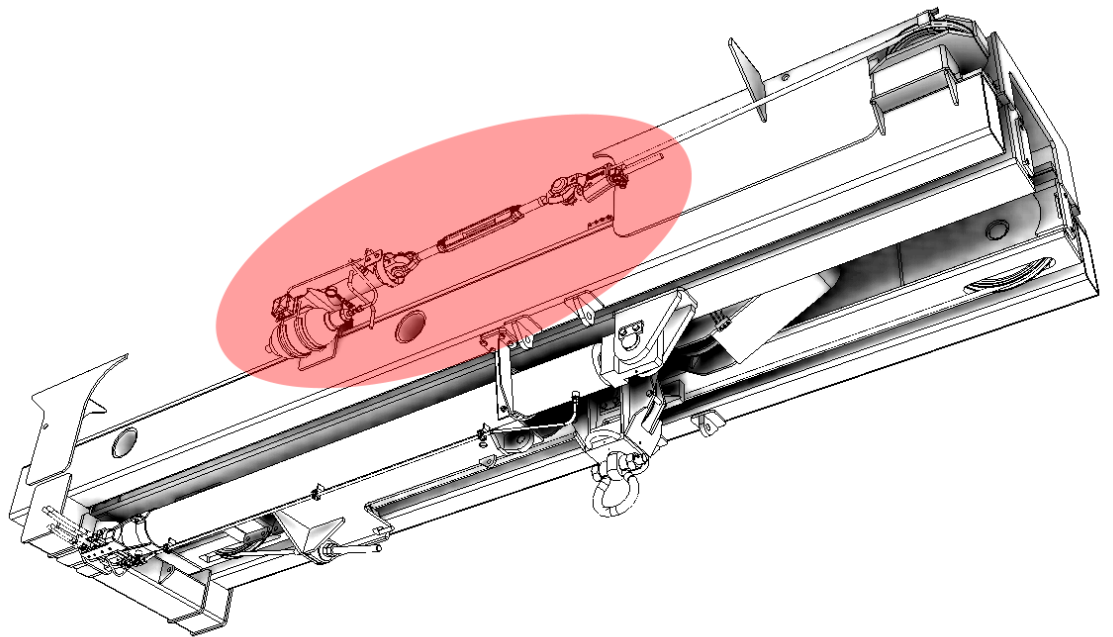
Turnbuckles on davit Type SPTD with ending shock absorbers

Technical Bulletin Nr. 015-16



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Navalimpianti-Tecnimpianti davit Type SPTD with ending shock absorbers

**Description:**

An abnormal condition was found by our service technicians during a periodic inspection where we identified a potential risk.

The turnbuckle installed onto the shock absorber cylinder was found loosened from its initial installation setting. See following self explaining pictures.



- turnbuckle found loosened from its initial installation setting -

Our investigation reported that this may happen after wire rope change/installation, in case wire rope internal tensions are not properly eliminated when putting in place the new wire rope.

Turnbuckles are used to set the proper tension to the wire ropes after installation, and they have locking nuts to prevent rotation in one direction only. Turnbuckles shall be visually inspected during daily and weekly checks.

After our investigation, standard turnbuckles have been replaced by turnbuckles with safety bolts, having the possibility to lock the setting tension in both directions.



- turnbuckles with safety bolts -

The use of this new turnbuckles is therefore recommended as preventive measure on the above Navalimpianti-Tecnimpianti Davits.

Recommendations

1. File this bulletin within your Operating and Maintenance Manual
2. When replacing ropes, if the old rope is used to pull the new one through the various sheaves in the system, it is important to ensure that any anomalous twisting of the old rope is not conveyed to the new one, causing irregular internal tension which could jeopardize the service life of the new rope.
3. Always read the Operating and Maintenance Manual carefully before using the boat davit and the boat winch.
4. Periodic inspections, service and repairs shall be performed by Navalimpianti-Tecnimpianti qualified technicians.
5. Use only Navalimpianti-Tecnimpianti original spare parts, and record any spare part replacement into the log book
6. Always involve Navalimpianti-Tecnimpianti for modifications and retrofitting so to allow safety, compliance, traceability and life cycle support.

Should you require more information or assistance on your Navalimpianti-Tecnimpianti equipment please refer to your nearest/preferred Navalimpianti-Tecnimpianti service center.

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