

TECHNICAL BULLETIN



The present bulletin contains technical information aimed to support and improve Navim Equipment in operation.

This Technical Bulletin applies to:
All types of Davits

Technical Bulletin Nr. 001-23



**Service
& Commissioning**
by Navim Group

Technical Bulletin Nr. 001-023

Applies to:

All types of davits.

1. Description:

During the application of the load on a wire rope, the helical pattern of strands and wires may cause some degree of rope twisting. This may cause a twisting of falls and the angle of twist will depend on the rope construction and the free length.

The rope twisting is considerably reduced in case of double falls per each davit arm, which is the case for all life and tender boat davits produced by Navim Group.

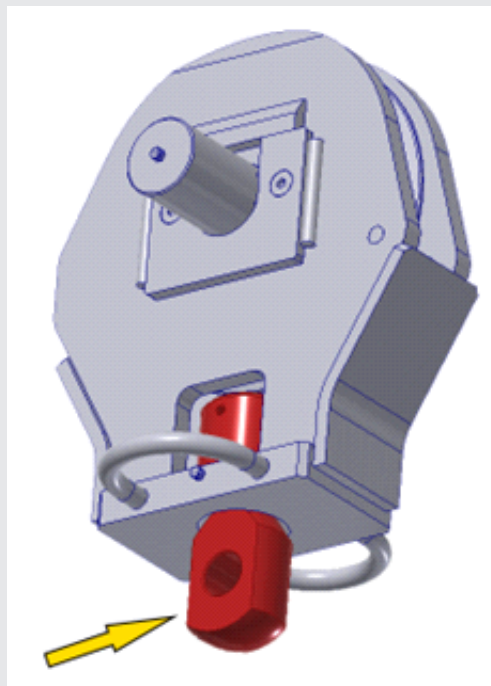
The tendency to twist is mostly present on new wire ropes. With time it tend to diminish as the strands confrim and pack better under several load cycles.

However, when noted, the twist has to be eliminated.

Up to 1.5 turns of the fully-lowered wire rope can be corrected by manually turning of the lower block.

2. Untwisting procedure for less than 1.5 rope turns

Lower blocks made by Navim Group incorporate a swivel eye which allows a manual correction of the wire rope twist





The correction of the wire twist is performed by turning the lower block before the recovery of the boat from the sea as per the following procedure:

1. Insert the master link in the boat hook
2. Check the master link is properly and fully inserted
3. Turn the lower block by hand in a direction contrary to the wire rope twist
4. When the fall has been fully untwisted and the wires are running parallel along the whole length, further rotate the lower block in order to align it with the davit arm
5. Hoist the boat

If the number of twists is 2 or more or if the twisting is persistent after a couple of months of usage please contact the Navim Service for the evaluation of the proper action.

NAVALIMPIANTI

Salita Guardia, 60 A
16014 Ceranesi (GE) - Italy
Phone + 39 010 7237 1
Fax +39 010 710 173
Email navim@navim.com

Via Terza Armata, 18
34074 Monfalcone (Go) - Italy
Phone +39 0481 490 111
Fax +39 0481 410 659
Email navimmo@navim.com

Via dei Pescatori Z.I. Porto
16129 Genova - Italy
Phone +39 010 246 1013
Fax +39 010 247 1030
Email service@navim.com
Mobile +39 348 330 31 69

NAVALIMPIANTI CHINA

Unit 1101 A, Xin Cheng Mansion
No 167 Jiang Ning Rd.
200041 Shanghai P.R. China
Phone +86 21 6258 7116
Fax +86 21 6258 7169
Email navimchina@navim.com

NAVALIMPIANTI HONG KONG

7Flat/RM A, 12 Floor,
Kiu Fu Commercial Building
Hong Kong
Phone +86 21,6258.7116
Fax +86 21.6258.7169
Email: navimhk@navim.com

NAVALIMPIANTI PULA

Mletacka, 12
52100 Pula - Hrvatska
Phone +385 52 216 590
Fax +385 52 216 590
Email navimpula@navim.com

NAVALIMPIANTI SINGAPORE

50 Tuas Avenue 11
#02-40 Tuas Lot
Singapore 639107
Phone +65 6659 8997 / +65 6659 8929
Fax +65 6659 8870
Email service-sea@navim.com

NAVALIMPIANTI USA

900 N.W. 10th Avenue
Fort Lauderdale FL 33311 - USA
Phone +1 954 585 7041
Fax +1 954 585 7042
Email navimusa@navim.com

TECNIMPIANTI

Z. I. Strada Consortile Fiume Torto
90018 Termini Imerese (PA) - Italy
Phone +39 091 814 0283
Fax +39 091 814 0325
Email info@tecnimpiantispa.com
Mobile +39 348 320 66 50

TECNIMPIANTI LIVORNO

Via Edda Fagni 45
57126 Livorno
Phone +39 0586 954086
Fax +39 0586 953736
Email livorno@tcimp.com

TECNIMPIANTI ANTWERP

Havinkbeekstraat 22
9130 Vervebroek Belgium
Phone +32 3 568 01 27
Fax +32 3 253 11 39
Email info@tecnimpiantiantwerp.com