

Safety message recipients: (check box)

- Sdir : Norwegian Maritime Authority
- A: 16 specially authorized employment offices
- U: Selected Foreign Service stations
- P: Equipment manufacturers, any subgroups
- O: Offshore companies / platform managers / operators
- H: Main organizations
- Kl.s. ABS, BV, DNV-GL, LR, RINA, ClassNK
- Others:

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Failure of bolts on net roller unit

Event

The Norwegian Maritime Authority (NMA) has received information about an event where a net roller unit fell down and one person was injured. Following the accident, the supplier has taken action and now requires that bolts for suspension of net roller unit shall be replaced every 5 years, normally in connection with the recertification of the crane holding the net roller.

Cause(s):

The primary cause of the accident was probably corrosion of the bolts connecting the net roller unit to the crane. The connection consists of five bolts, whereof two had been weakened by heavy corrosion, which led to fracture and hence increased the load on the three remaining bolts. One of these bolts then failed due to fatigue, and caused the remaining two bolts to fail due to heavy overload.

Action:

After the incident, the supplier has followed up with new and stricter routines for replacing bolts. The NMA will in general remind everyone about the importance of following the supplier's recommendations regarding maintenance and specifications of these type of components, as well as the importance of the shipowners having procedures in place for inspection and overhauling of exposed components.

Olav Akselsen
Director General of Shipping and Navigation

Lars Alvestad
Director of Department