

SB 1000-116**Hydraulic Hoses – Recommendation for Maintenance and Replacement**

2018-02-22

Rev. A

1 Scope and Target Group

⚠ WARNING

- ✓ Always refer to the user manual for additional information and safety warnings.
- ✓ Only perform this task if you are qualified to carry out the steps described below.
- ✓ Always make sure that the tasks described in this bulletin are intended for the equipment you are working on.
- ✓ If you are unsure about the workflow, steps or qualification, contact your TTS aftersales service contact.

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2 Introduction

This service bulletin serves as short recommendation for the maintenance and replacement periods of hydraulic hoses installed on vessels.

Hoses on vessels are exposed to extreme weather and climatic conditions and are subject to wear. In order to prevent hoses from blowing during operation the hoses of the TTS equipment must be carefully inspected in regular intervals. For replacement help, contact your TTS aftersales service contact.

3 Recommendations

TTS recommends to change all hoses exposed to sun and sea water every 2 (two) years latest.

All hoses that can be found below deck or fitted inside the gear box should be changed within 5 (five) years.

NOTICE

The hoses supplied by TTS carry an imprinted date of manufacturing. Make sure that the spare hose is not older than four (4) years.

NOTICE

The hoses must be stored according to DIN7716 (also see ISO8331). Hoses should not be stored longer than two (2) years

NOTICE

The hoses should not exceed a lifetime maximum of six (6) years (including storage time).

4 Inspection Criteria

Carefully inspect the hoses for the following signs of wear:

- damage to the outside mantle (cuts, cracks, tears, chafe marks)
- brittleness of the outside mantle
- distortion of the natural form of the hose
- leaks
- damage or deformation of the fittings
- extraction of the hose from the fitting
- corrosion at the fitting
- shelf live exceeded

NOTICE

If any of the above is noticed during inspection, the hose needs to be replaced. A repair is not permissible. Contact your TTS aftersales service contact.

NOTICE

Always refer to the corresponding user manual when operating or maintaining the equipment.
For replacement, contact your TTS aftersales service contact.

⚠ WARNING

Never operate the winches when the hoses show signs of damage/wear!