



TECHNICAL CIRCULAR No. 343 of 12<sup>th</sup> June 2016

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To:	All Surveyors/Auditors
Applicable to flag:	All Flags
Subject:	<b>Seal renewal in tough underwater conditions</b>
Reference:	<b>Tailshaft Repairs</b>

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A Hydrex diver/technician team carried out underwater stern tube seal repairs on a container vessel in Tauranga, New Zealand. The ship was suffering from an oil leak and was not allowed to sail on. Because no drydock was available close by an on-site repair was necessary. Taking advantage of the Hydrex flexible mobdock technique the team was able to carry out the entire operation on-site and underwater.

A leaking seal is always an unpleasant experience for a ship owner. It will force him to go off-hire, costing him time and money. To avoid going to drydock and keep the loss of time to the absolute minimum, Hydrex has developed the technology that enables repairs or replacement of all types of shaft seals to be carried out afloat. The ship can keep its schedule as seal repairs can be performed during cargo operations.

By creating a dry underwater working environment around the shaft, work on the seal assembly can be performed in dry conditions. This is done by using our flexible mobdocks which are designed specifically for this type of repairs. They fit all sizes of seal assembly. They can be packed in flight containers.

REFERENCES:

- Tailshaft Repair Procedures

ATTACHMENTS: No.

kindest Regards,  
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