

STEERING GEAR SERVICE NEWS
(KAWASAKI ELECTRO-HYDRAULIC STEERING GEAR)

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SUBJECT : Maintenance of L-type Lever Fulcrum Pin for FM and RM type Steering Gear

The case was reported to us that for the machine-controlled steering gear (models FM and RM) which have been in service for about 10 years since they were first used on board, the L-type lever fulcrum pin of the hydraulic pump's eccentricity-controlling lever mechanism was stuck, which caused inferior tracking to steering orders resulting faulty steering.

In order to alleviate maintenance work load crews, we have adopted on the position of the stuck pin the oil-impregnating bush and washer that require no oiling, however, as long time use of the steering gear will cause abrasion, it is recommendable that those bush and washer (pin also if required) are replaced at every 5-year docking maintenance.

In addition, for the present case of the stuck pin, bush and washer at the position, please make the pin smooth with a paper temporarily, apply grease on the position and replace these parts as soon as possible with regular parts. (Please refer to the attached drawing)

KAWASAKI HEAVY INDUSTRIES, LTD.
PRECISON MACHINERY COMPANY
CUSTOMER SERVICE DEPARTMENT

Electro-Hydraulic Steering Gear

RM & FM Series

