

STEERING GEAR SERVICE NEWS

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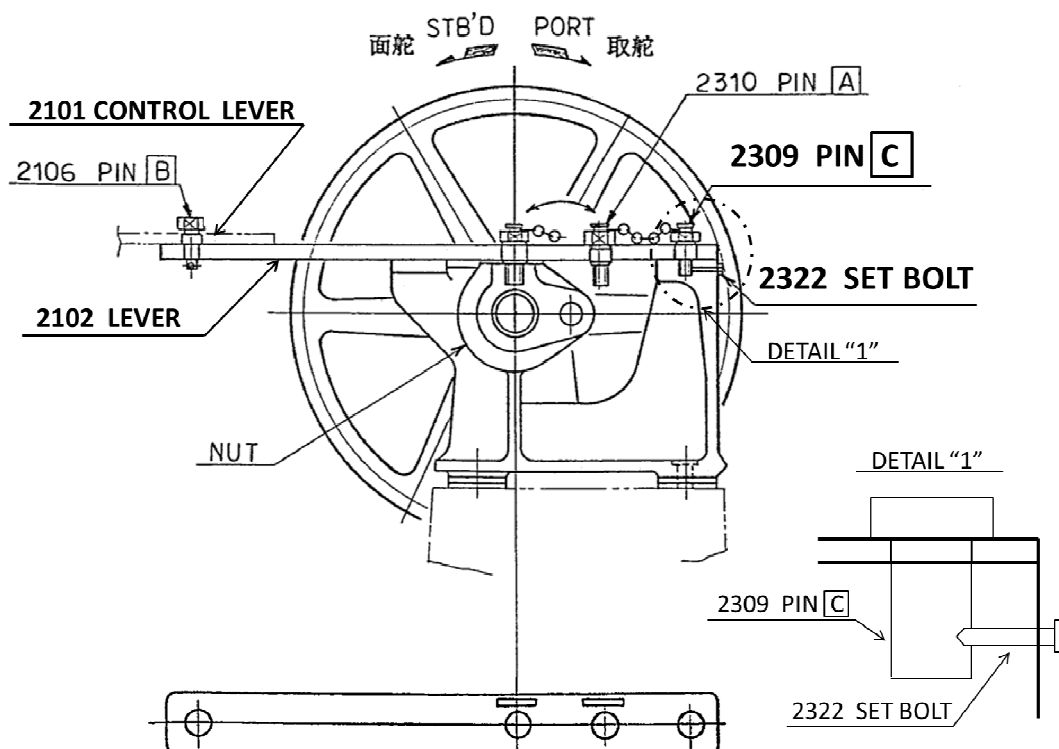
No.: E8-18-006

SUBJECT : Case Example of Steering Disable Due to Drop-off of PIN in M-type Steering Gear

There is a case of an unsteerable vessel where the loosening and falling of the symbol 2309 PIN [C] in the steering gear of the type RM/FM caused the interference between the symbol 2101 CONTROL LEVER and the symbol 2102 LEVER, which prevented the CONTROL LEVER from functioning properly. Generally, drop-out prevention measures are taken against PIN [C] using the symbol 2322 SET BOLT, however, the set bolt itself may gradually loosen due to vibration, etc., as a result of long-term use. Reportedly, no inspection for that portion has been executed in the vessel of this example for about seven years after its service.

To secure the safety navigation, please confirm the looseness of the set bolt at the inspection prior to departure and verify the normal operation of the steering gear. Although we believe that the bolt with the present specification is usable without any problem if properly inspected on each occasion, it is possible to replace the part with a hexagon socket set screw to be securely tightened by a hexagonal nut and a spring washer, as an alternative enhancement for safe locking of the PIN [C]. For details about the change of parts, please contact our agent.

※Object type of steering gear: All of RM/FM type



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