

## Daily Management of Miura BWMS Filter

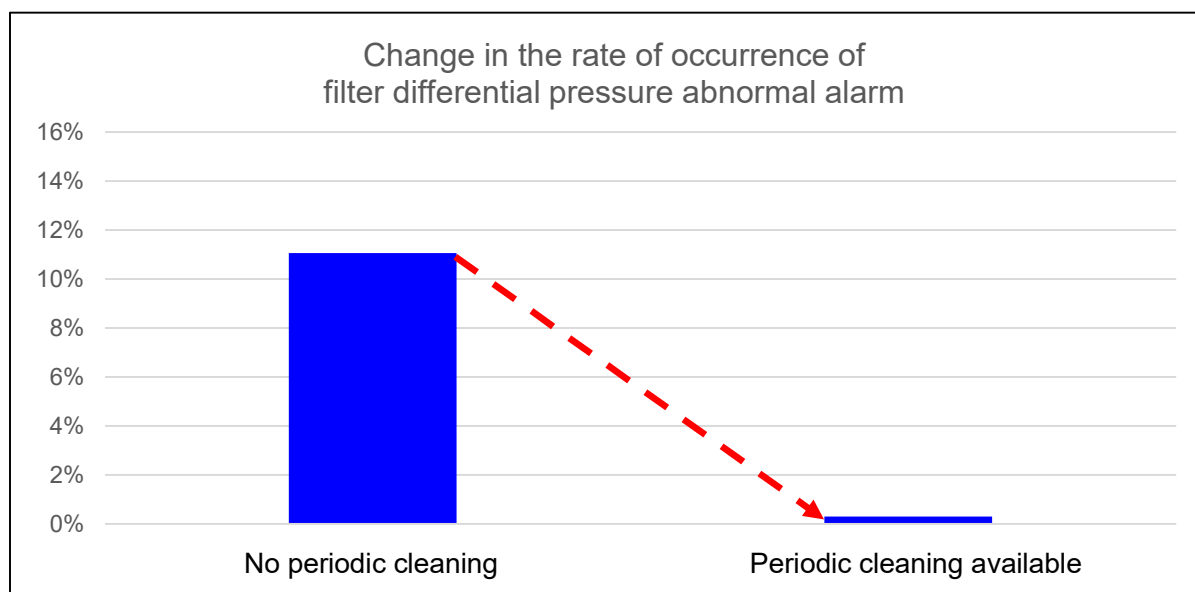
To maintain filters of ballast water management systems (Miura BWMS) in good condition, cleaning with ScaleDestroyer (IK-01) is effective in preventing scale adhesion and filter clogging. It prevents interruption of operation due to filter differential pressure abnormal alarm and reduces the load on the filter, thereby keeping its service life.

In this issue, we will provide guidelines and procedures for the filter cleaning.

(For more information on the UV reactor cleaning, please refer to Service News Vol. 59.)

Situations in which filter cleaning should be done	Cleaning timing
Areas where filter differential pressure abnormal alarm is issued frequently	<b>Prior to port of entry</b>
Filter wash does not reduce differential pressure	<b>Promptly after filter wash</b>
Differential pressure rises to 25 kPa or higher during ballasting	<b>Promptly after operation is stopped</b>
Out of operation for more than six months	<b>Before operation</b>
Normal maintenance other than the above	<b>Every six months</b>

Filter cleaning with ScaleDestroyer (IK-01) at the recommended timing will almost suppress the occurrence of filter differential pressure abnormal alarm due to scale adhesion.



\*1 This is a statistic of cases where the alarm is issued due to scale on the filter.

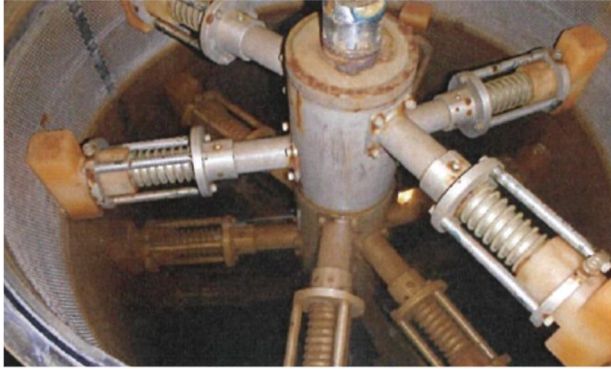
\*2 It is a comparison with recommended cleaning timing.



## Filter cleaning with ScaleDestroyer (IK-01)

Before cleaning

After cleaning



Please refer to the separate documents below for cleaning instructions.

- How to clean filter element (HKtype)
- How to clean filter element (HK-A,AC,C,Rtype)
- How to Clean Filter Element with Cleaning Unit
- How to Clean UV Reactor with Cleaning Unit

Scan the QR code or click on the following URL for information about our service network.

<https://www.miuraz.co.jp/en/marine/service/network.html>

If you have any questions, please contact the nearest MIURA office.

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