

Protection of Ballast Water Treatment Unit

MV STELLA IVY

Background:

MV "STELLA IVY" is a 250,000 DWT ore carrier equipped with the Balclor® Ballast Water Management System (BWMS) from the company SunRui Marine Environment Engineering Co, Ltd.

This equipment, which has passed the AMS approval certificate of USGC control, consists of:

- BOLLFILTER Automatic Type 6.18.3 filter which removes marine organisms larger than 50 µm.
- Electrolytic unit which disinfects the ballast water.
- Neutralizer which reduces the total residual oxidants (TRO) in the ballast water to below 0.1 ppm.



Picture 1: MV STELLA IVY

Why BOLLFILTER?

- The outstanding quality was the main argument for purchasing BOLLFILTERs.
- The worldwide technical support offered by BOLL & KIRCH was another important factor for SunRui for choosing our BWT filters.
- SunRui relies on our 40 years operational experience and has showed its trust in BOLLFILTER by ordering additional Automatic Filters Type 6.18.3 for 6 sister vessels built in Qingdao Beihai Shipyard.



Picture 2: Balclor®



Picture 3: BOLLFILTER Automatic Type 6.18.3 installed

Customer: SunRui Marine Environment Engineering Co., Ltd

System: BOLLFILTER Automatic Type 6.18.3 C
Size: 1200.800 with inlet/outlet DN700 flange
Working place: 250,000DWT VLOC MV" STELLA IVY", IMO: 9741774
Filtration fineness: candle element of 50 µm



BOLL & KIRCH Filterbau GmbH
Siemensstrasse 10-14
50170 Kerpen
Tel.: +49-2273 562-0
info@bollfilter.com
www.bollfilter.com