



ERMA FIRST

ERMA FIRST FIT BWTS

BULK CARRIERS

Successful BWTS retrofits for 40% of global Bulk Carrier fleet

ERMA FIRST FIT BWTS has been selected by most Bulk Carrier Owners/Managers/Operators

- One-way treatment, with full freedom during de-ballasting ensuring uninterrupted operation during cargo loading
- Minimal system design limitations, allowing the vessel to sail in the most challenging waters
- Single mode of operation worldwide: critical for vessels engaged in the spot market
- Simple installation which can be performed quickly and cost-efficiently both during a voyage or when alongside
- Guaranteed compliance in all circumstances without shortcuts
- Ease of operation, with minimal crew engagement*

* 2020 BWMS OPERATIONAL EXPERIENCE SURVEY RESULTS - MARTECMA



ERMA FIRST

Extensive experience of most popular ship designs, including:

- Imabari
- SDARI
- Dolphin
- SWS
- TESS
- Crown
- Diamond
- Hudong
- STX
- Sundong
- Hyundai
- Kamsarmax
- Mitsui
- Sanoyas
- Sasebo

Our **large market share** means that we have probably installed a system on one of your **sister ships**

What we offer

- Complete scope of supply without hidden costs
- The most comprehensive guarantee in the market
- ERMA FIRST is the only BWTS vendor that provides total project management as part of the system price, to facilitate the execution of the retrofit and minimize owner overheads.
- Engineering studies
- Maintenance contracts including VGP for trouble-free operation
- Ballast Water Monitoring Module, including PSC and VGP reports, via METIS

Systems on stock

ERMA FIRST FIT BWTS – the world’s most popular BWTS vendor for dry bulk owners

Our numbers** prove it:

Handysize	Handymax	Panamax	Capesize
34%	38%	54%	34%

Contact us to discuss your vessel and operational needs. ERMA FIRST offers a proven, realistic and cost-effective solution.

** Ballast Water Treatment System August 2020 - Clarksons