

# Reference List

納入実績

**JFE BallastAce®**

Ballast Water Management System

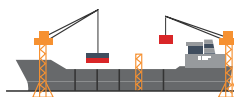
JFE Engineering Corporation

2022. 3

Since the first commercial system was installed in 2010, JFE BallastAce® has been the chosen BWMS for over 700 vessels from Japan and across the world.

JFE has experience with a great variety of ship types, such as ore carriers, bulk carriers, crude oil tankers, LPG carriers, chip carriers, container vessels, PCCs, and more.

2010年の商用第1号機以来、現在に至るまで、国内外700隻以上の船舶にJFEBallastAce®は採用されてきました。納入実績のある船種・船型は、鉱石運搬船・ばら積み船・原油タンカー・ケミカル船・LPG船・チップ船・コンテナ船・自動車運搬船など、多岐にわたります。



**New Building**  
528vessels



**Retrofit**  
221vessels

(As of MAR. 2022)

	Ship Type		Treatment Capacity (Excert)	Delivered			
				No.	Remarks		
New Building	ORE Carrier	ORE Carrier	3,000m³/h x 2sets	8			
			2,500m³/h x 2sets + 500m³/h				
	Bulk Carrier	Cape Size		3,000m³/h x 2sets	98		
				2,500m³/h x 2sets			
		Panamax			2,000m³/h x 2sets	175	
					3,000m³/h x 1set		
					1,500m³/h x 2sets		
					2,500m³/h x 1set		
		Handymax			1,500m³/h x 1set	136	
					850m³/h x 1set		
	Handy			1,000m³/h x 1set	22		
				500m³/h x 1set			
	Crude Oil Tanker			3,500m³/h x 2sets + 500m³/h	22	Ex-proof	
				Suezmax	2,000m³/h x 2sets + 500m³/h	2	Ex-proof
				Aframax	2,000m³/h x 1set	26	Ex-proof
	3,600m³/h x 1set + 300m³/h						
	Chemical Tanker			1,500m³/h x 2sets	2	Ex-proof	
MR				1,500m³/h x 1set + 350m³/h	2	Ex-proof	
LPG Tanker	LPG Tanker		1,600m³/h x 1set	12			
			1,500m³/h x 1set				
			750m³/h x 2sets				
Wood Chips Carrier	Wood Chips Carrier		1,500m³/h x 1set	3			
PCC	PCC		500m³/h x 1set	1			
Container ship	2800TEU		800m³/h x 1set	19			
Sub Total				528			
Retrofit	Bulk Carrier	Cape Size	2,800m³/h x 2sets	80			
			2,500m³/h x 2sets				
		Panamax			3,500m³/h x 1set	32	
					3,200m³/h x 1set		
					3,000m³/h x 1set		
					2,500m³/h x 1set		
		Handymax			1,700m³/h x 1set	24	
					1,500m³/h x 1set		
	Handy			1,000m³/h x 1set	14		
				500m³/h x 1set			
				300m³/h x 1set			
	Crude Oil Tanker			3,500m³/h x 2set + 350m³/h	15	Ex-proof	
				Aframax	2,000m³/h x 2set + 500m³/h	2	Ex-proof
				MR	1,500m³/h x 1set	2	Ex-proof
	Product Carrier	GP		1,500m³/h x 1set	5	Ex-proof	
	Wood Chips Carrier	Wood Chips Carrier		1,000m³/h x 1set	4		
	PCC	PCC		500m³/h x 1set	40		
Cruise Ship	Cruise Ship		300m³/h x 1set	1			
LPG Tanker	LPG Tanker		750m³/h x 2sets	1			
LNG Tanker	LNG Tanker		1,000m³/h x 1set	1			
Sub Total				221			
				749			