# ENERGIA AZALEA 99,965 DWT Bulk Carrier 26

Contents By Builder By Ship Type



### PRINCIPAL PARTICULARS

Length (o.a.)	234.92 m
Breadth (mld.)	43.00 m
Draft (mld.)	13.58 m

Gross tonnage	58,773
Deadweight	99,965 t
Main engine	MAN B&W 6S60ME-C10.5-EGRBP

Complement	25
Classification	Nippon Kaiji Kyokai (NK)
Builder	Namura Shipbuilding Co., Ltd.

# KUROTAKISAN MARU III 89,999 DWT Bulk Carrier

Contents

By Builder



By Builder

By Ship Type

## KUROTAKISAN MARU III 89,999 DWT Bulk Carrier 27

Oshima Shipbuilding Co., Ltd. delivered KUROTAKISAN MARU III, a 89,999-DWT bulk carrier, to NOVA TRANSPORT INC. in December 2021.

#### **Features**

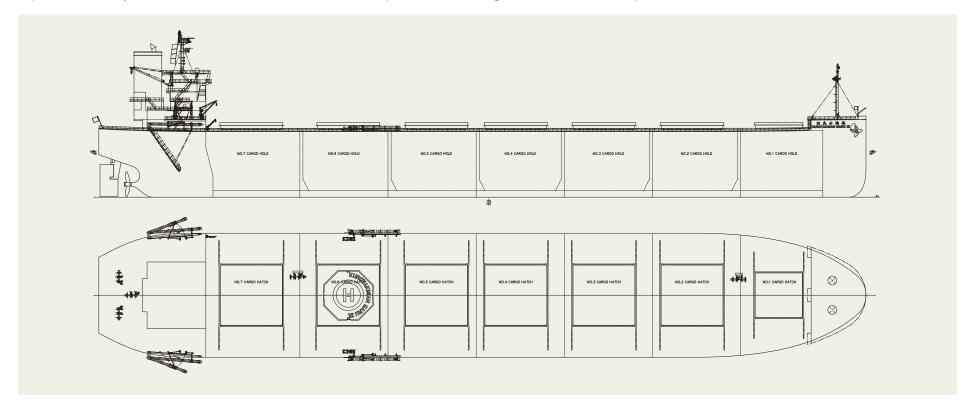
- 1. Double hull structure and Box type cargo hold with topside tanks to improve coal unloading efficiency.
- 2. Elimination of the use of ballast water in cargo holds to reduce the risk of salt, rust, and other contaminants in cargo holds.
- 3. Advanced Flipper Fins & Rudder Fin which improve propulsion efficiency are installed.

PRINCIPAL PARTICULARS		Main engineJ-E	NG UE 6UEC60LSE-Eco-A2-EGF
Length (o.a.)	234.96 m	MCR (kw x rpm)	9,700 kW x 84.0 rpm
Breadth (mld.)	38.00 m	Speed (service)	14.00 knots
Depth (mld.)	20.05 m	Complement	25
Draft (mld.)	13.86 m	Classification	Nk
Gross tonnage	51793	Loading capacity (grain)	107,260 m
Deadweight8	9,999 MT	Builder	Oshima Shipbuilding Co., Ltd

4. Special bow form, Seaworthy Bow improves speed performance in rough sea conditions as compared to

ordinary bows.

5. SOx scrubber is installed for environmental friendliness.



# TAHO EUDAIMONIA 84,460 DWT Bulk Carrier 28

Contents By Builder By Ship Type



By Builder

By Ship Type

## TAHO EUDAIMONIA 84,460 DWT Bulk Carrier 28

Oshima Shipbuilding Co., Ltd. delivered TAHO EU-DAIMONIA, a 84,460-DWT bulk carrier, to THC INTERNATIONAL S.A. in Febrary 2022.

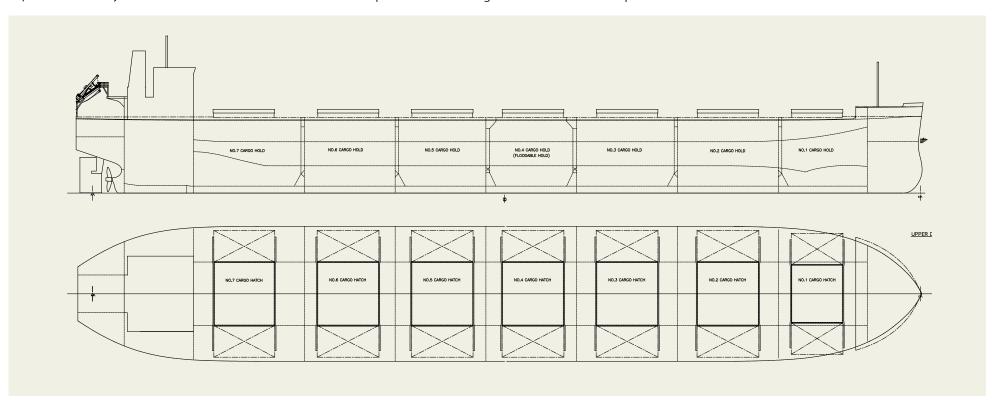
#### **Features**

- 1. This vessel has an optimized hull form for carrying a variety of cargoes, such as grain, ore, coal and steel slab or steel billet and large deadweight(84,460 MT) with shallow draft (13.95 m)
- 2. Wide hatch cover improves cargo handling efficiency.
- 3. Advanced Flipper Fins & Rudder Fin which improve propulsion efficiency are installed.

PRINCIPAL PARTICULARS		Main engineMITSUI MAN B&W 6S6	OME-C8.5-EGRBP
Length (o.a.)	228.41 m	MCR (kw x rpm)9,1	20 kW x 84.0 rpm
Breadth (mld.)	36.50 m	Speed (service)	14.10 knots
Depth (mld.)	19.89 m	Complement	25
Draft (mld.)	13.95 m	Classification	ABS
Gross tonnage	46815	Loading capacity (grain)	102,988 m
Deadweight	84,460 MT	BuilderOshima Ship	building Co., Ltd

4. Special bow form, Seaworthy Bow improves speed performance in rough sea conditions as compared to

ordinary bows.



# CEMTEX EXCELLENCE 99,990 DWT Bulk Carrier 29

Contents By Builder By Ship Type



By Builder

By Ship Type

### **CEMTEX EXCELLENCE** 99,990 DWT Bulk Carrier 29

Oshima Shipbuilding Co., Ltd. delivered CEMTEX EXCEL-LENCE, a 99,990-DWT bulk carrier, U-Ming Marine Transport Corporation in March 2022.

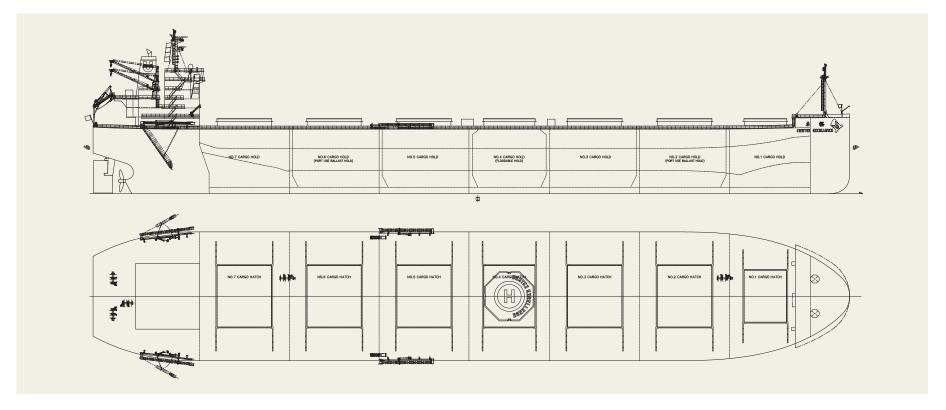
#### **Features**

- 1. This vessel has a wider width (40.0 m) and larger cargo hold that allow to carry more cargo than a vessel with the approximately same DWT.
- 2. Wide hatch cover improves cargo handling efficiency.
- 3. Advanced Flipper Fins & Rudder Fin which improve propulsion efficiency are installed.
- 4. Special bow form, Seaworthy Bow improves speed

Length (o.a.)	235.00 m	MCR (kw x rpm)	10,000 kW x 76.0 rpm
Breadth (mld.)	40.00 m	NOR (kw x rpm)	7,810 kW x 70.0 rpm
Depth (mld.)	20.00 m	Speed (service)	14.30 knots
Draft (mld.)	14.415 m	Complement	25
Gross tonnage	54244	Classification	NK/CF
Deadweight	99,990 MT	Loading capacity (grain)	118,908 m <sup>3</sup>
Main engine	MITSUI-MAN B&W 6G60ME-C10.5	BuilderOshima	a Shipbuilding Co., Ltd

performance in rough sea conditions as compared to

ordinary bows.



# SHOFU MARU 100,422 DWT Bulk Carrier 30

Contents

By Builder



By Builder

By Ship Type

### SHOFU MARU 100,422 DWT Bulk Carrier 30

Oshima Shipbuilding Co., Ltd. delivered SHOFU MARU, a 100,422-DWT bulk carrier, to Mitsui O.S.K. Lines, Ltd. in October 2022.

#### **Features**

- 1. This is the 1st delivered vessel with a hard sail, so-called "Wind Challenger," which is wind power propulsion system.
- 2. The hard sail which consist of three FRP (Fiber Reinforced Plastics) sails and one steel sail is extended and reefed automatically in response to the wind conditions and ship motion.
- 3. The height of the sail from the main deck is about 53m with all sails fully extended and is about 20m with all sails reefed, and the direction of the sail can rotate 180 degrees.

### PRINCIPAL PARTICULARS

Length (o.a.)	235.00 m
Breadth (mld.)	43.00 m
Depth (mld.)	20.05 m
Draft (mld.)	13.88 m
Gross tonnage	58209
Deadweight	100,422 MT

- Main engine
   MITSUI MAN B&W 6560ME-C10.5-EGRBP

   MCR (kw x rpm)
   9,180 kW × 84.0 rpm

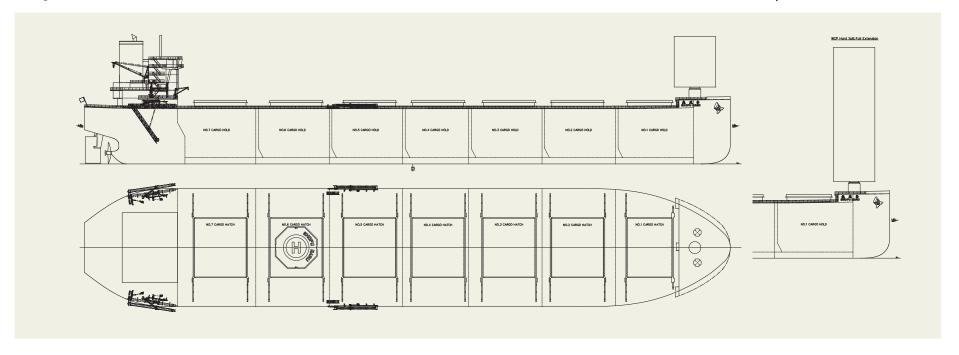
   Speed (service)
   14.30 knots

   Complement
   25

   Classification
   NK

   Loading capacity (grain)
   115,304 m³

   Builder
   Oshima Shipbuilding Co., Ltd.
- 4. The width of the sail is about 15m and complies with SOLAS regulation for visibility from wheel house.
- 5. By slewing in an appropriate direction, a large amount of wind forces is converted into the propulsive force of the ship and reduce fuel consumption.
- 6. Advanced Flipper Fins & Rudder Fin which improve propulsion efficiency are installed.
- 7. Special bow form, Seaworthy Bow improves speed performance in rough sea conditions as compared to ordinary bows.



# CLIMATE RESPECT 87,290 DWT Bulk Carrier

Contents

By Builder



By Builder

By Ship Type

## CLIMATE RESPECT 87,290 DWT Bulk Carrier 31

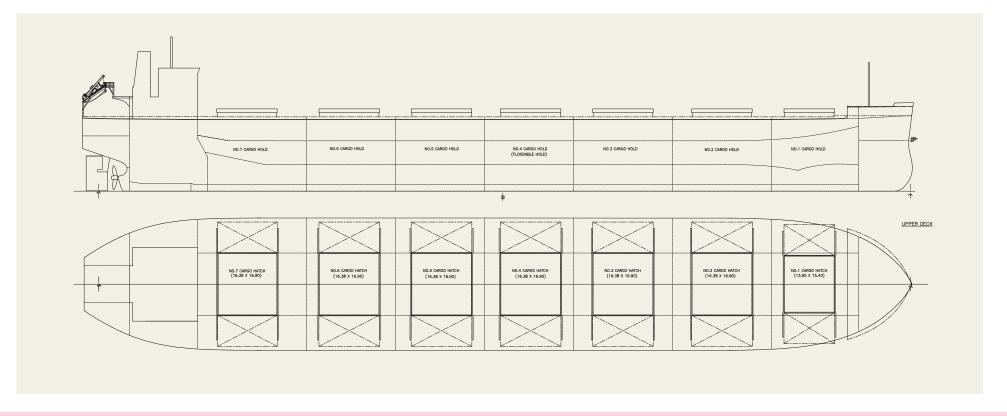
Oshima Shipbuilding Co., Ltd. delivered CLIMATE RESPECT, a 87,290-DWT bulk carrier, to LOFOU SHIPPING CORPORATION in July 2022.

#### **Features**

- 1. This vessel has an optimized hull form for carrying grain, ore, and coal, and large deadweight (87,290 MT) with shallow draft (14.322m)
- 2. Wide hatch cover improves cargo handling efficiency.
- 3. Advanced Flipper Fins & Rudder Fin which improve propulsion efficiency are installed.
- 4. Special bow form, Seaworthy Bow improves speed

PRINCIPAL PARTICULARS		Main engineMITSUI MAN B8	W 5S60ME-C10.5-EGRBF
Length (o.a.)	228.41 m	MCR (kw x rpm)	8,180 kW x 84.0 rpm
Breadth (mld.)	36.50 m	Speed (service)	14.30 knots
Depth (mld.)	20.39 m	Complement	25
Draft (mld.)	14.322 m	Classification	Nł
Gross tonnage	48233	Loading capacity (grain)	106,222 m
Deadweight	87,290 MT	BuilderOshi	ma Shipbuilding Co., Ltd

performance in rough sea conditions as compared to ordinary bows.



# SHOHO MARU III 89,992 DWT Bulk Carrier

Contents By Builder By Ship Type



By Builder

By Ship Type

### SHOHO MARU III 89,992 DWT Bulk Carrier 32

Oshima Shipbuilding Co., Ltd. delivered SHOHO MARU III, a 89,992-DWT bulk carrier, to OREGANO LINE S.A. in August 2023.

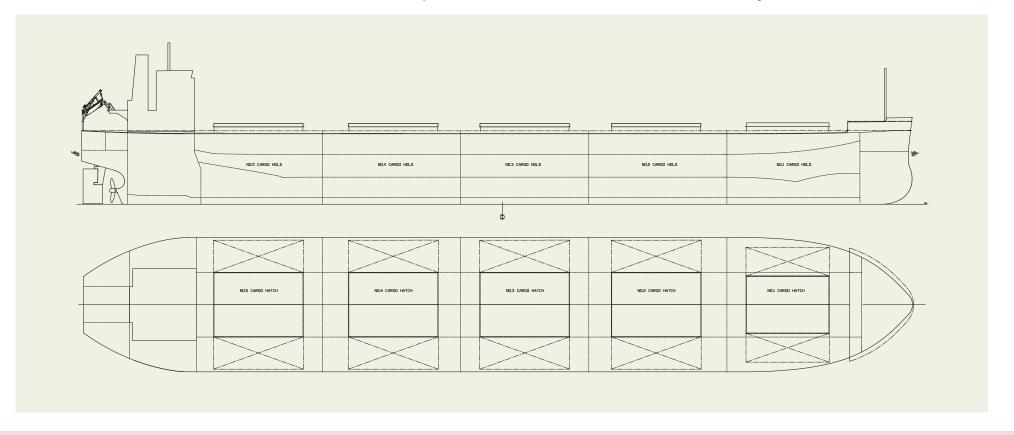
#### **Features**

- 1. This vessel has an optimized hull form for carrying coal, and large deadweight(89,992 MT) with shallow draft (13.839m)
- 2. Advanced Flipper Fins & Rudder Fin which improve propulsion efficiency are installed.
- 3. Special bow form, Seaworthy Bow improves speed

PRINCIPAL PARTICULARS	Deadweight		89,992 MT
Length (o.a.)234.9	8 m Main engine	MITSUI MAN E	8&W 6S60ME-C10.5-EGRBF
Breadth (mld.)38.0	0 m MCR (kw x rpn	n)	9,000 kW x 84.0 rpm
Depth (mld.)19.9	1 m Speed (service	2)	14.30 knots
Draft (mld.)13.83	9 m Loading capac	city (grain)	110,529 m <sup>2</sup>
Gross tonnage51	027 Builder	Osł	nima Shipbuilding Co., Ltd.

performance in rough sea conditions as compared to ordinary bows.

4. Class NK's notation of "EA (Environmental Awareness)" is assigned.



KAGURA 99,990 DWT Bulk Carrier 33

Contents

By Builder



By Builder

By Ship Type

### KAGURA 99,990 DWT Bulk Carrier 33

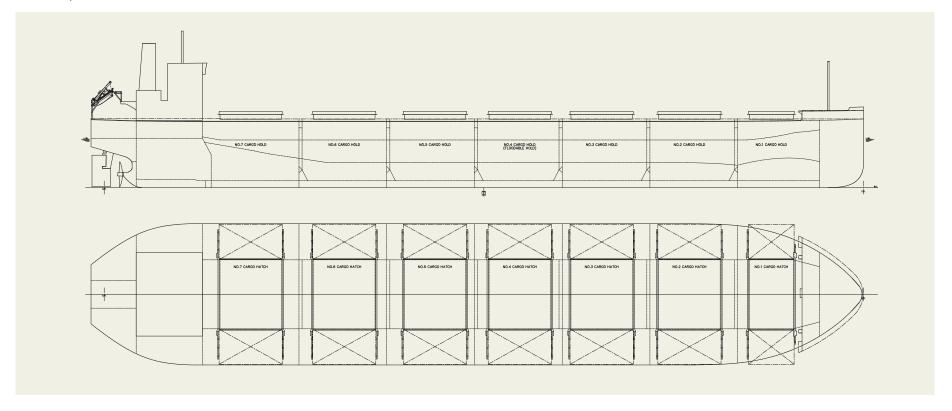
Oshima Shipbuilding Co., Ltd. delivered KAGURA, a 99,990-DWT bulk carrier, to ERICA NAVIGATION S.A. in March 2023.

#### **Features**

- 1. This vessel has an optimized hull form for carrying grain, ore, and coal, and large deadweight (99,990 MT)
- 2. Wide hatch cover improves cargo handling efficiency.
- 3. Advanced Flipper Fins & Rudder Fin which improve propulsion efficiency are installed.
- 4. Special bow form, Seaworthy Bow improves speed performance in rough sea conditions as compared to ordinary bows.

PRINCIPAL PARTICULARS		Main engine MITSUI MAN B&W 6S60ME-C10.5-EGRBF
Length (o.a.)234.9	996 m	MCR (kw x rpm)10,000 kW x 85.0 rpm
Breadth (mld.)43.	.00 m	Speed (service)14.30 knot
Depth (mld.)20.	.05 m	Complement25
Draft (mld.)13.8	329 m	ClassificationNł
Gross tonnage5	7646	Loading capacity (grain)123,592 m
Deadweight99,99	90 MT	BuilderOshima Shipbuilding Co., Ltd

5. SOx scrubber is installed for environmental friendliness.



SERENITY DIVA 87,396 DWT Bulk Carrier 34

Contents

By Builder



By Builder

By Ship Type

## SERENITY DIVA 87,396 DWT Bulk Carrier 34

Oshima Shipbuilding Co., Ltd. delivered SERENITY DIVA, a 87,396-DWT bulk carrier, to LUCRETIA SHIPPING, S.A. in June 2023.

#### **Features**

- 1. This vessel has an optimized hull form for carrying grain, ore, coal, and cement, and large deadweight(87,396 MT) with shallow draft (14.322m)
- 2. Wide hatch cover improves cargo handling efficiency.
- 3. Advanced Flipper Fins & Rudder Fin which improve propulsion efficiency are installed.
- 4. Special bow form, Seaworthy Bow improves speed

PRINCIPAL PARTICULARS		Main engineMITSUI MAN B&W 5S60ME-C10.	.5-EGRBF
Length (o.a.)	228.41 m	MCR (kw x rpm)8,180 kW x	84.0 rpm
Breadth (mld.)	36.50 m	Speed (service)14	.30 knots
Depth (mld.)	20.39 m	Complement	25
Draft (mld.)	14.322 m	Classification	Nk
Gross tonnage	48105	Loading capacity (grain)10	6,222 m
Deadweight	87,396 MT	BuilderOshima Shipbuilding	Co., Ltd

performance in rough sea conditions as compared to ordinary bows.

