

Jsmea News

JSMEA Holds OSV & Maritime Business Matching Forum 2025 in Abu Dhabi

The Japan Ship Machinery and Equipment Association (JSMEA) organized a ship machinery and equipment Forum in Abu Dhabi, the United Arab Emirates (UAE) on Jan. 28, 2025 with financial support from The Nippon Foundation. The first such event held by JSMEA in the Middle East country focused on offshore support vessels (OSVs) and general commercial vessels.

Fourteen JSMEA member companies joined the Forum that was titled the OSV & Maritime Matching Forum 2025 and supported by the Emirates Shipping Association (ESA); Robban Assafina, a local maritime media platform; and other partners. Some 160 individuals from a wide variety of fields in the maritime industry attended the

Forum, including those from ADNOC Logistics & Service PLC (ADNOC L&S), Emarat Shipping LLC, Oman Ship Management S.A.O.C. and other ship owners from the Middle East; as well as Drydocks World, a Dubai-based ship repair yard of the DP World group. Students from Abu Dhabi Maritime Academy, an institute engaged in the development of port and harbor workers, were also present.

At the one-day forum, JSMEA delegation members held a VIP meeting with the managers of major shipowners and other heavyweights in the Middle East, exchanging information and expanding their networks to develop stronger business relations.

During the VIP meeting, Mr. Markus Alfred Albert De Jonge, vice-president of offshore mobile solutions, project and subsea at ADNOC L&S, delivered a speech.

CONTENTS

JSMEA Holds OSV & Maritime Business Matching Forum 2025 in Abu Dhabi	1-3
JSMEA Visits Indian Shipping, Shipbuilding Companies	4
JSMEA Attends OTC 2025	5-7
JSMEA Attends Nor-Shipping 2025	8
JSMEA members Information	
TOWA TECHNO	9
NIPPON SENTO CO., LTD.	10
TAIKO KIKAI INDUSTRIES CO., LTD ...	11
EAGLE INDUSTRY CO., LTD.	12
YDK Technologies Co., Ltd.	13
WOODWARD.....	14
Akasaka Diesels Limited	15
JSMEA Organizes Ship Machinery, Equipment Seminar in Indonesias	16





The OSV & Maritime Matching Forum 2025 featured eco-friendly, energy-saving and new fuel-compatible machinery and equipment for OSVs and general commercial vessels manufactured by Japanese makers, who gave presentations on their products and technologies, and held business negotiations with those engaged in maritime affairs in the Middle East. These events successfully concluded the forum.

On the day before the opening of the OSV & Maritime Matching Forum 2025, JSMEA Chairman Kinoshita Shigeki and Vice-Chairmen Kuzo Tomoo and Ono Masato paid courtesy visits at ADNOC L&S and Marcap Maritime LLC, both of which are OSV owners.



They promoted the Japanese ship machinery and equipment industry, while exchanging information on developments in the Middle East's OSV market, fleet enhancement plans for decarbonization and so on.





About OSV & Maritime Business Matching Forum 2025

- 1) **Time and date:** 9:00-16:00, Tuesday, January 28, 2025
- 2) **Venue:** Dar El Istiqbal Ballroom (VIP meeting at El Waha Room), InterContinental Hotel Abu Dhabi
- 3) **14 members of the JSMEA delegation:** BEMAC Corp.; Chugoku Marine Paints, Ltd.; Daihatsu Diesel Mfg. Co., Ltd.; Eagle Industry Co., Ltd.; Fuji Trading Co., Ltd.; Fukui Seisakusho Co., Ltd.; Kamome Propeller Co., Ltd.; Maekawa Mfg. Co., Ltd.; MHI Engine System Middle East (FZE); Nakashima Propeller Co., Ltd.; Semco Ltd.; Taiyo Electric Co., Ltd.; Tokyo Keiki Inc.; and Yanmar Power Technologies Co., Ltd.

JSMEA Visits Indian Shipping, Shipbuilding Companies

The Japan Ship Machinery and Equipment Association (JSMEA) travelled to India in January 2025 to satisfy the many requests made by members of its Overseas Market Development Committee to learn more about the country.

In India, a delegation of 13 affiliated companies made courtesy calls at The Shipping Corporation of India (SCI), a state-run shipping company; The Great Eastern Shipping Co., Ltd. (GES), a private shipping company; and Cochin Shipyard Ltd. (CSL) to promote products and exchange information.

The local enterprises all highly rate Japanese ship machinery and equipment products. In addition, the government of India is

advancing a Make-in-India initiative to expand its manufacturing industry. As such, many of them want Japanese ship machinery and equipment manufacturers to make inroads into India, to establish product and/or service bases.

Many of the delegation members said that visiting India gave them a great opportunity to build relations with multiple potential customers from a nation on which information is hard to obtain.

JSMEA will present a report on the India visit to its in-house committees and working groups and to continue to exchange information to further enhance its overseas market development projects.

The Shipping Corporation of India (SCI)



The Great Eastern Shipping Co., Ltd. (GES)



About the Visits to Indian Shipping and Shipbuilding Companies

- 1) **Dates:** Thursday-Friday, Jan. 30-31, 2025
- 2) **Destinations:** The Shipping Corporation of India (SCI), The Great Eastern Shipping Co., Ltd. (GES) and Cochin Shipyard Ltd. (CSL)
- 3) **13 members of the JSMEA delegation:** Daihatsu Diesel Mfg. Co., Ltd.; Fuji Trading Co., Ltd.; ISS Machinery Services, Ltd.; Kamome Propeller Co., Ltd.; Kunimori Engineering Works Co., Ltd.; Mitsui E&S Shipbuilding Co., Ltd.; Mitsubishi Heavy Industries Machinery Systems, Ltd.; Mitsubishi Heavy Industries Marine Machinery and Equipment Co., Ltd.; Nabtesco Corp.; Nakakita Seisakusho Co., Ltd.; Taiyo Electric Co., Ltd.; Tobu Jukogyo Co., Ltd.; and Tokyo Keiki Inc.

JSMEA Attends OTC 2025

The Japan Ship Machinery and Equipment Association (JSMEA) is striving to tap into the market for developing ocean minerals, other natural resources and energy, and study decarbonization technologies, with financial support from The Nippon Foundation.

On May 2, JSMEA researched Waymo LLC, a California-based autonomous driving technology company established in 2016 when Google LLC spun off its Google Self-Driving Car Project. On May 4, it attended a reception given in Pine Forest Country Club by MODEC, Inc., a Tokyo-based enterprise producing and winning contracts for floating production, storage and offloading (FPSO) platforms, to exchange information. On May 5, the association called at

Mitsubishi Heavy Industries America, Inc, which is engaged in CO2 capture, utilization and storage (CCUS), to garner information on decarbonization and various other technologies. On May 6, it visited Amogy Inc., a New York-headquartered venture company developing technologies for producing hydrogen from ammonia for electricity storage.

As part of those initiatives, JSMEA took part in the Offshore Technology Conference (OTC) 2025 in Houston, Texas to promote advancement in the market for developing ocean minerals, other natural resources and energy.

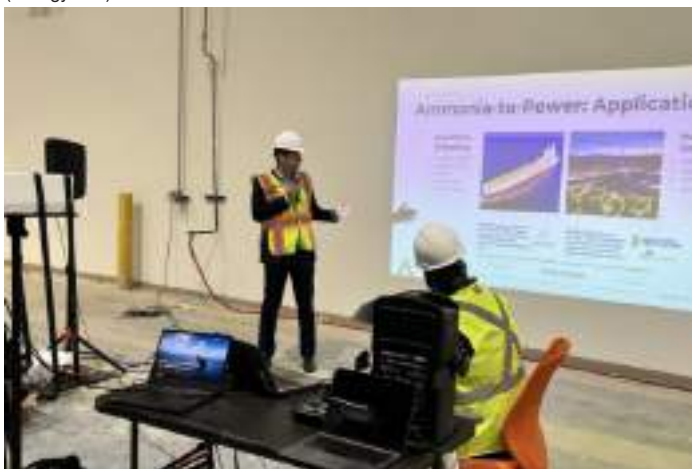
(A self-driving taxi developed by Waymo LLC)



(Mitsubishi Heavy Industries America, Inc.)



(Amogy Inc.)



Members of the JSMEA technology research mission: BEMAC Corp.; Daihatsu Infiniearth Mfg. Co., Ltd.; Fukui Seisakusho Co., Ltd.; Kongo Colmet Mfg. Co., Ltd.; Maekawa Mfg. Co., Ltd.; Mizuno Strainer Industries Co., Ltd.; Nippon Kaiji Kyokai (ClassNK); Omega Simulation Co., Ltd.; Ushio Reinetsu Co., Ltd.; and Yanmar Power Technology Co., Ltd.

The OTC 2025 welcomed some 27,000 visitors, according to its organizer. Although a slight dip of 10% in attendance from the previous year of approximately 30,000 visitors, the event hosted more than 50 keynote speakers as well as panel discussions on a variety of subjects of interest to many offshore development-related parties, all of which attracted attention from participants.

They included projections for trends in gas exploitation projects after the inauguration of U.S. President Donald Trump's

administration, offshore drilling technologies, developments in the offshore wind power generation market and decarbonization solutions.

Japan was allowed to open a national pavilion near the center of the venue, where there were many visitors, as it had regularly attended previous OTCs. At the center of the Japan pavilion, DeepStar, a global offshore technology development consortium. The letters "JAPAN" were prominent on a ceiling banner so as to be easily seen from anywhere. As such, the pavilion was visited by more petroleum companies and others than at last year's OTC. Pavilion members were therefore able to build mutual relations with them and more effectively promote Japanese ship machinery and equipment products and technologies.





On Days 1 and 2, JSMEA held networking receptions at the Japan pavilion and left deep impressions among many visitors.



(DeepStar Technology Symposium 2025)



About the OTC 2025

Dates: Monday-Thursday, May 5-8, 2025

Venue: NRG Park in Houston, Texas

About the Japan Pavilion

Booth No.: 2555

Area: 300 square meters

Members: BEMAC Corp.; Daido Steel Co., Ltd.; Daihatsu Infiniearth Mfg. Co., Ltd. Fuji Trading Co., Ltd.; Hibot Corp.; INPEX Corp.; JFE Steel Corp.; Nippon Kaiji Kyokai (ClassNK); Nippon Steel Corp.; Omega Simulation Co., Ltd.; and TOWATECHNO Co., Ltd.

About the Japan Pavilion Networking Receptions

Time and Dates: 14:00-15:30, Monday-Tuesday, May 5-6

Venue: Booths in the Japan pavilion

JSMEA Attends Nor-Shipping 2025

The Japan Ship Machinery and Equipment Association (JSMEA) attended Nor-Shipping 2025 in Oslo, Norway on June 3-6, 2025 with financial support from The Nippon Foundation. JSMEA teamed up with Nippon Kaiji Kyokai (ClassNK) in organizing the Japan Pavilion for exhibitions by 10 affiliated and other companies.



A ribbon cutting ceremony is held at the Japan Pavilion.

Nor-Shipping, which is held every two years, celebrated its 60th anniversary, while establishing itself as a major international maritime trade fair and conference attracting many Norwegian shipowners and other parties from the European maritime industry. This year, it hosted some 1,012 exhibitors and welcomed approximately 36,367 visitors, according to its organizers.

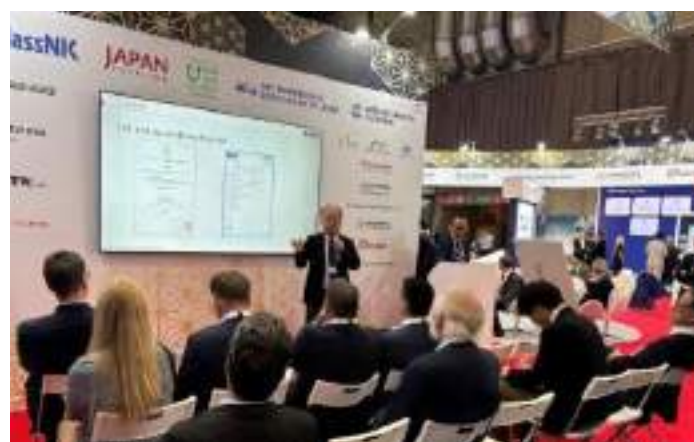
On Day 1 on June 3, a ceremony was held for the opening of the Japan Pavilion. Mr. Kinoshita Shigeki, JSMEA chairman, was joined by Mr. Kanehana Yoshinori, president of the Japan Ship Exporters Association (JSEA); Mr. Terada Yoshimichi, vice-minister for international affairs at the Ministry of Land, Infrastructure, Transport and Tourism (MLIT); and Mr. Sugiyama Akira, Japanese ambassador to Norway, to perform a ribbon cutting. Vice-Minister Terada and Ambassador Sugiyama also visited the exhibitors at the pavilion.



Ambassador Sugiyama and Vice-Minister Terada visit exhibitors at the Japan Pavilion.

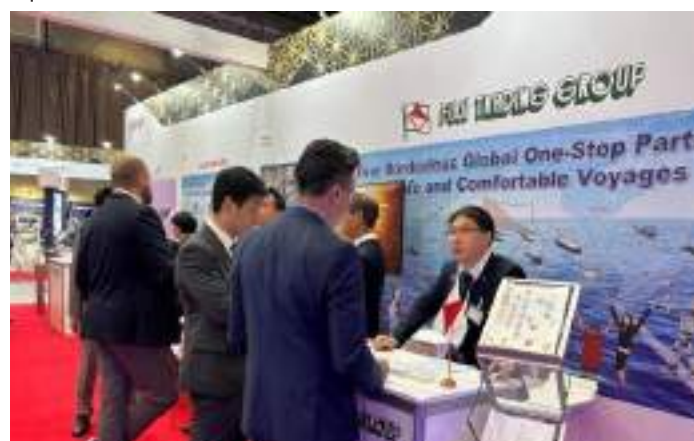
At the Japan pavilion, a section focused on exhibitions offering solutions in three fields—alternative fuel and fuel efficiency, environmental technologies and operational efficiency and after-sales services, repair and maintenance—where videos were shown to introduce JSMEA members.

On June 3 and 5, the attending JSMEA-affiliated companies, JSEA members and ClassNK delivered presentations at the above-mentioned area.



Conferences are held at Nor-Shipping 2025.

The JSMEA members gained knowledge at Nor-Shipping 2025 by visiting the many exhibitions by European enterprises and other participants on decarbonization products and technologies, while conferences and other events were held to discuss offshore aquaculture.



The Japan Pavilion exhibitors talk with visitors.

About Nor-Shipping 2025

Dates: June 3-6, 2025

Venue: NOVA Spektrum, Lillestrøm, Oslo, Norway

Japan Pavilion booths: Nos. 02-10

Number of the Japan Pavilion exhibitors: 10—Daihatsu Infiniearth Mfg. Co., Ltd.; Fuji Trading Co., Ltd.; Mitsui E&S Co., Ltd.; Nishishiba Electric Co., Ltd.; Nippon Kaiji Kyokai; Nippon Yusen Kaisha; Shinko Ind. Ltd.; Tokyo Keiki Inc.; TOWATECHNO Co., Ltd.; and Yanmar Power Technology Co., Ltd.

TOWATECHNO?



We are ship's general repair company located in Kobe, started with electrical motor repair, rewinding, modification and customization since 1947, and now after implementation of infrastructure, we can offer build-up ship's Internet environment, Security camera installation and commissioning, Diesel engine service, hot works and deck machinery to satisfy our worldwide customers.



Remove, repair, rewinding, installation, alignment, working test for Electrical motors and generators.



2stroke - 4stroke diesel engine repair and decarbonize test and commissioning.



On-board troubleshooting, electrical automation - pneumatic system.



Build-up Internet environment, Installation of camera cabling - maintenance including adjustment works.



Japanese maker OEM spare parts supply, Diesel Engine, Generator and Motors also installation.

Hase 274, Hazetani-cho, Nishi-ku Kobe 651-2235, Japan

Phone : +81 78 990 3335 Fax : +81 78 990 3336

Please contact service@towatechno.com if you're in trouble.





NIPPON SENTO CO., LTD

Top-class share of NAVIGATION LIGHT in Japan

Navigation Light

-We supply our navigation lights to more than 300 new building merchant vessels per a year. Our navigation lights are used on domestic, overseas and various types (Bulk, Tanker, Ferry, etc.) of vessels.



(LED・NL-TYPE)

(BULB・WB-TYPE)

Every ship needs the navigation light. - We are the only manufacturer in Japan that produce both LED and bulb type navigation light. We have the top-class market share in Japan in the field of the navigation light. Our company will celebrate its 90th anniversary in 2026. Now we are developing new types of navigation light.

New LED navigation light is currently under development!

Navigation light are legal equipment. Essential for ships navigate at night.



● **Navigation light** is the light that the ship hoist and display **Mast head light**, **Side light**, and **Stern light** when navigate at night. They indicate the status of the ship to others.

☞ At night, these lights are used to visually inform other ships of each other's direction of navigate, position, and condition.

☞ Lighting is mandatory **from sunset to sunrise**.

☞ Even today, when radar has become more sophisticated, visual navigation lights still play an important role in the final analysis.

☞ The aircrafts of today have aeronautical lights (**right wing green**, **left wing red**) on both ends of their wings, which are also derived from ships.



NIPPON SENTO CO., LTD

Top-class share of NAVIGATION LIGHT in Japan

■ HEAD OFFICE : 923, Shimoyanagi, Kasukabe City, Saitama, Japan

☎ +81-48-812-5700

■ OSAKA OFFICE : ACN TENMABASHI BLDG. 4F, 1-4-3, Tanimachi, Chuo Ward, Osaka City, Osaka, Japan

☎ +81-6-6949-8901

■ WEBSITE : <http://www.nipponsento.co.jp> ■ CONTACT : nissen-osaka@nipponsento.co.jp



LNG Fuel Pump

Pump for LNG fuel
 •Submerged motor type
 •Deepwell type

Carbon neutral



Methanol Fuel Pump

The lineup of methanol pumps
 that can be customized in a variety.

Make a better flow

DX

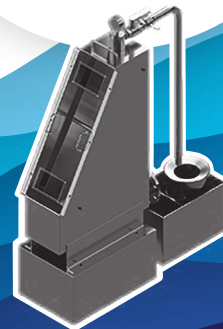


Environment Protection



Ship Twin

Communication solutions
 for ships using digital twin technology



Microplastic Capture Unit

Microplastic capture unit with high-precision screen



TAIKO KIKAI INDUSTRIES CO., LTD.



Member of
 TAIKO HOLDINGS

Marine Ace Seal

What is Marine Ace Seal?

We are the leading manufacturer of stern tube shaft sealing devices worldwide with our products installed on over 30,000 ships of 100 gross tonnages or more. The Marine Ace Seal (MAS) is our newly developed water-lubricated stern seal for small vessels with direct drive systems.



Construction

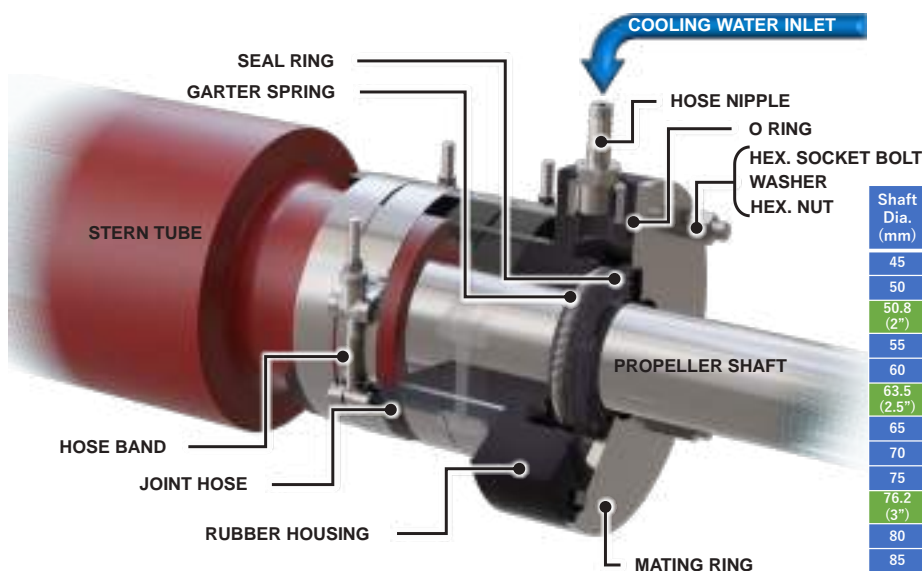


Table of Dimensions

Shaft Dia. (mm)	MAS Type Number	Stern Tube O.D. (mm)	Conn. Len. (mm)	MAS O.D. (mm)	MAS Len. (mm)
45	MAS045	89.1	50	150	170
50	MAS050				
50.8 (2")	MAS051				
55	MAS055	101.6	60	165	180
60	MAS060				
63.5 (2.5")	MAS063				
65	MAS065	114.3	70	180	190
70	MAS070				
75	MAS075				
76.2 (3")	MAS076	127	80	195	220
80	MAS080				
85	MAS085				

Features and Design Outline

- Simple and robust rubber housing design
- Excellent resistance to vibration and sealing performance
- Excellent axial followability
- Excellent slurry resistance
- Propeller shaft diameter
 $\phi 45 \sim \phi 85$ (5mm increments), 2"~3" (0.5" increments)
- Allowable PV value : 0.3 MPa·m/sec
 P (pressure in sealing device) : Max. 0.1 MPa
 V (shaft rotation speed)
- Cooling water temperature : 0~40°C



KEMEL

EKK EAGLE INDUSTRY CO., LTD.

E-MAIL: sales.tokyo@kemel.com
 URL: <http://www.kemel.com/>



YDK Technologies

Creating the Future with “Measuring”

■ Fuel save adaptive autopilot

- Achieving a 1% reduction in fuel consumption.
- Reduces the workload of ship's crew.

■ Highly reliable and long-life gyrocompass

- Easy maintenance.
- Enables versatile heading redundancy.

■ Electromagnetic log with easy UI.

- An exceptional user interface.
- Using 3.5 inch color LCD and short cut keys.



YDK Technologies Co., Ltd.

Minami-Shinjuku JEBL

5-23-13 Sendagaya, Shibuya-ku, Tokyo,
151-0051, Japan

Tel.: +81 3 3225 5383

FAX: +81 3 3225 5316

URL: <https://www.ydktechs.co.jp/en>





LARGE ENGINE SYSTEM SOLUTIONS



LECM Engine Control Modules

Contributes to optimizing engine performance by combustion diagnostic and control, electronically controlling various parameters associated with engine operation, such as speed, load, air-fuel ratio, ignition/injection misfire and knock detection, and flow control.

UG series Mechanical Governor

- Mechanical constant velocity control of engine output. (UG-25+ supports 4~20 mA commands)
- Industry standard used for many years in engines, steam turbines and many other applications.

Valve + Actuator

ITB (Integrated Throttle Body)

- Various communication commands CAN, 4~20mA, 0~5V, PWM
- R-series High low temperature -40~105°C (Max. 165°C optional)
- Wide range to suit all bore diameters.



R-SERIES
High-Temp
Wastegate Valve
(40 -150mm)

Cold side valve
ProAct ITB (85-180mm)
F-series ITB (33-75mm)
L-series ITB (16-50mm)

Single actuator line-up



DIESEL

P2X TECHNOLOGY

TecJet

Single point gas valve

- Valve with integrated sensor and electronic control.
- The integrated sensor enables highly accurate flow control of the fuel gas.



Dual Fuel HPDI P2X MeOH NH₃

High-pressure direct injection Diesel + methanol or ammonia

- Dual-fuel 2-in-1 twin nozzles for significant space savings.
- Contributes to the achievement of greenhouse gas reduction targets. (50% reduction compared to IMO target 2008)



SOGAV Family P2X LNG H₂ NH₃

Multipoint (cylinder) fuel gas valve

- Quick and precise valve actuation by solenoid
- Contributes to improved engine efficiency and responsiveness



Port Fuel Injector P2X MeOH

Methanol Port injection

- Common rail electronically controlled
- Highly customizable, enabling installation design and atomization characteristics to suit the customer's requirements.



Woodward
Website here



PROPRIETARY INFORMATION - © 2025 WOODWARD, INC.



Akasaka Diesels Limited

In the domestic shipbuilding market, which is one of our key markets, energy-saving vessels and biofuels are seen as effective short-term solutions for reducing greenhouse gas (GHG) emissions. Improving thermal efficiency of main engines is essential for both approaches. To meet this need, Akasaka Diesels Limited is developing the AT33 (1,499 kW) and AT33L (749 kW) models, widely used in domestic coastal vessels. The AT33 incorporates advanced efficiency technologies aimed at reducing fuel consumption by approximately 4% compared to existing engines of the same output.

-Increase Pmax

To enhance overall performance and efficiency, the AT33 series incorporates a variety of advanced technologies. These include a 30% increase in Pmax compared to conventional models, achieved through reinforced structural rigidity, a stronger crankshaft, and high-load-capable bearing designs.

-Long stroke for low-speed engine

The engine also adopts a low-speed, long-stroke configuration that improves both thermal and propeller efficiency, especially in direct-drive applications.

-Application of Miller cycle

Further efficiency gains and NOx reduction are realized by enhancing the Miller cycle (early intake valve closing) in combination with the latest high-pressure turbochargers.

-L spec

Additionally, the 749 kW AT33L model is offered in an L-Spec configuration optimized for low-load operations, enabling energy savings and reduced crew requirements. This custom-matched setup maximizes both engine and propeller efficiency. AT33L will supporting both GHG reduction and reducing crew requirement in conjunction with our existing lineup of L-Spec engines such as the AX31L and K28BL in the domestic shipping sector.

Specification of AT33 and AT33L

		AT33	AT33L
Max. output	kW	1499	749
Max. speed	min ⁻¹	260	200
Cylinder Bore	mm	330	330
Stroke	mm	700	700
Pme	MPa	1.890	1.251
Pmax	MPa	18.5	15.0
Available fuel		MDO HFO Bio diesel	MDO Bio diesel

L-spec line up

		AT33L	AX31L	K28BL
Max. output	kW	749	749	735
Max. speed	min ⁻¹	200	230	340
Cylinder Bore	mm	330	310	280
Stroke	mm	700	620	530

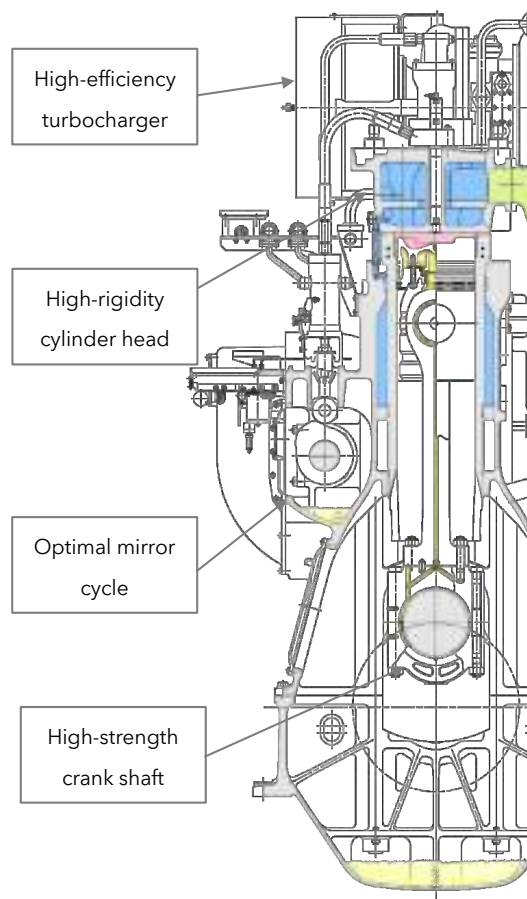


Image of AT33

JSMEA Organizes Ship Machinery, Equipment Seminar in Indonesias

The Japan Ship Machinery and Equipment Association (JSMEA) organized a ship machinery and equipment seminar on May 15 during Sea Indonesia 2025 with financial support from The Nippon Foundation.



At Sea Indonesia 2025, a maritime exhibition and conference held in the capital Jakarta from May 14 to May 16, there were 12 JSMEA members present, 11 of which delivered presentations at the seminar to showcase their new products, technologies, service networks and so on.

Sea Indonesia 2025 was convened on a greater scale than the last time, hosting 113 exhibitors (up from 100) and welcoming 7,903 visitors (up from 3,000), according to its organizer. Japan and China each set up their respective national pavilions.

Despite being the association's first-ever attendance at Sea Indonesia, the Japan pavilion attracted a steady stream of many visitors, who held business negotiations and had other fruitful interactions with the attending JSMEA-affiliated manufacturers. Some of the ship machinery and equipment seminar's capacity audience asked the presenters questions afterwards, proving the event to be a meaningful opportunity to promote the JSMEA members and build relations with local parties.

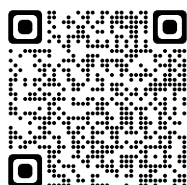


About Sea Indonesia 2025

- 1) **Date:** Wednesday-Friday, May 14-16, 2025
- 2) **Venue:** Halls B1 and B2, Jakarta International Expo in North Jakarta
- 3) **Booths at the Japan Pavilion:** C21-C28
- 4) **Exhibitors:** Akasaka Diesels Ltd.; BEMAC Corp.; Daihatsu Infinearth Mfg. Co., Ltd.; Eagle Industry Co., Ltd.; The Hanshin Diesel Works, Ltd.; IHI Power Systems Co., Ltd.; Kamome Propeller Co., Ltd.; the Mitsubishi Heavy Industries, Ltd. group; Nakashima Propeller Co., Ltd.; Taiyo Electric Co., Ltd.; Tokyo Keiki Inc.; and Yanmar Power Technology Co., Ltd.

About Ship Machinery and Equipment Seminar

- 1) **Time and date:** 13:00-15:50, Thursday, May 15
- 2) **Venue:** Conference room, Jakarta International Expo
- 3) **JSMEA delegation members:** Akasaka Diesels Ltd.; BEMAC Corp.; Daihatsu Infinearth Mfg. Co., Ltd.; Eagle Industry Co., Ltd.; The Hanshin Diesel Works, Ltd.; Kamome Propeller Co., Ltd.; the Mitsubishi Heavy Industries, Ltd. group; Nakashima Propeller Co., Ltd.; Taiyo Electric Co., Ltd.; Tokyo Keiki Inc.; and Yanmar Power Technology Co., Ltd.



Printed in Japan in SUMMER 2025

Head Office:

Toranomon Toyo Kyodo Building, 13-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001, Japan
Tel: +81-3-3502-2041 Fax: +81-3-3591-2206 URL: <http://www.jsmea.or.jp>

Overseas Offices:

JETRO Hongkong, Ship Machinery Department

Room 4001, 40/F., Hopewell Centre, 183 Queen's Road East, Wan Chai, Hong Kong, China
Tel: +852-2501-7291 Fax: +852-2868-1455

JETRO Houston, Offshore and Maritime Department

1221 McKinney, LyondellBasell Tower, Suite 4141, Houston, Texas 77010, U.S.A.
Tel: +1-713-759-9595 Fax: +1-713-759-9210

JETRO Singapore, Ship Machinery Division

Hong Leong Building, #38-01 to 05 #37-02A 16 Eaffles Quay, Singapore 048581
Tel: +65-6429-9522 Fax: +65-6224-1169