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# SPECSVISION TPM SHaPoLi for EEXI REGULATION

## » EEXI regulations

**IMO's 76th Marine Environmental Protection Committee Resolution 328 (MEPC.328(76)) adopted Annex VI to the Convention on the Prevention of Marine Pollution (MARPOL), which includes amendments to mandatory objective-based technologies and operational measures to reduce carbon concentration in international transport.**

**Under this amendment, international vessels with a total tonnage of 400 tons or more are MEPC. EEXI values shall be calculated and applied in accordance with the guidelines 333 (76).**

**The target vessel shall satisfy the calculated EEXI value or less.**

**If the EEXI value is not satisfied, the vessel shall satisfy the EEXI value by means of MEPC335 (76) with countermeasures such as shaft/engine power limitation, energy saving device repair, etc.**

## » The specialties of SPECSVISION TPM SHaPoLi according to EEXI regulations

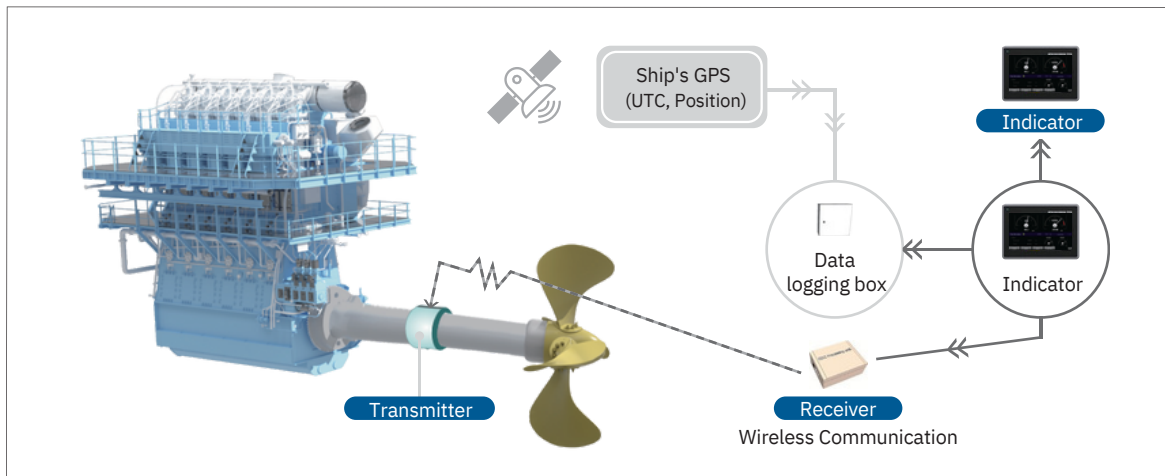
- No mechanical change (Configuration not relevant to existing ship systems) - Simple installation (Supportless design)
- Tamperproof event and data logging (18 months storage capacity)
- Engine torque, power measurement
- Display ship's condition
- Enables integration and scalability with CII monitoring systems
- Apply a strain gauge with proven performance
- Visible and audible alarms during override operation

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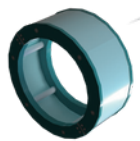
## » The Configuration of system



## Scope of supply

### » Tier1, New installation vessel

(battery-based transmitter can be used for 20 months, replace battery after 20 months)



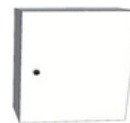
Transmitter



Receiver



Indicator

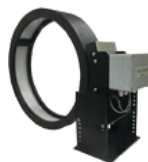


Data logging box

### » Tier 2, Existing TPM installation vessel

(shapoli function can be implemented by adding indicator update of existing components and data logging box only)

Existing components



Rotor Stator



Indicator  
(s/w update required)



Data logging box

## Contact

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