

View of an end user

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Stakeholders	Implications
Owners	 Rating of their ships based on EEDI (even existing ships) Revision of shipbuilding programmes (medium and longer term) Strategic technical decisions (design speed, investment on energy saving technologies) Resale value of ships affected by EEDI – just compliance or beyond? Through-life costs / savings Cost of shipbuilding?
Operators	 Pressure (from cargo owners) to operate / charter ships with lower EEDI Financial incentives for ships with lower EEDI (e.g. reduced port duties) EEDI used in future MBMs

Stakeholders	Implications
Shipyards / designers	 Demand for more fuel efficient designs (EEDI part of specification, not just compliance but x% better than requirements) Future deviation from "traditional" design principles Future "unconventional" designs?
Engine / machinery manufacturers	 Drive for even more fuel efficient engines Engines capable of burning dual fuel or low carbon fuels Demand for energy saving devices (WHR, shaft generators)
Energy saving technology manufacturers	 Demand for energy efficient technologies (propulsion resistance optimisation, advanced coatings, etc.) Demand for innovative energy technologies (wind assisted propulsion, solar panels etc.)

Stakeholders	Implications
Classification Societies	 Statutory verification/certification (on behalf of Flag State) Involvement in areas which were traditionally a matter between owner / yard (speed verification) Involvement in design? Verification of energy saving technologies
Flag states	 Survey and verification/certification of the EEDI Decision to adopt waiver option and commercial implications

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- Amendments to MARPOL Annex VI on extension of EEDI requirements and exemptions for cargo ships with ice-breaking capacity and others
- The new requirements will apply to
 - LNG carriers (including non-conventional propulsion)
 - Ro-ro cargo ships (vehicle carrier)
 - Ro-ro cargo ships
 - Ro-ro passenger ships
 - Cruise passenger ships (having non-conventional propulsion only)
- Amendment also includes exemption for ships with ice-breaking capabilities and clarification of the status of ships not propelled by mechanical means

Who is affected by the EEDI?



