

Overridable Power Limitation ME

Overridable Power Limitation (OPL) is a retrofit solution designed to lower the energy efficiency index for existing ships (EEXI) by limiting the engine power of the existing fleet to comply with the IMO resolution MEPC 335 (76) adopted on 17 June 2021.

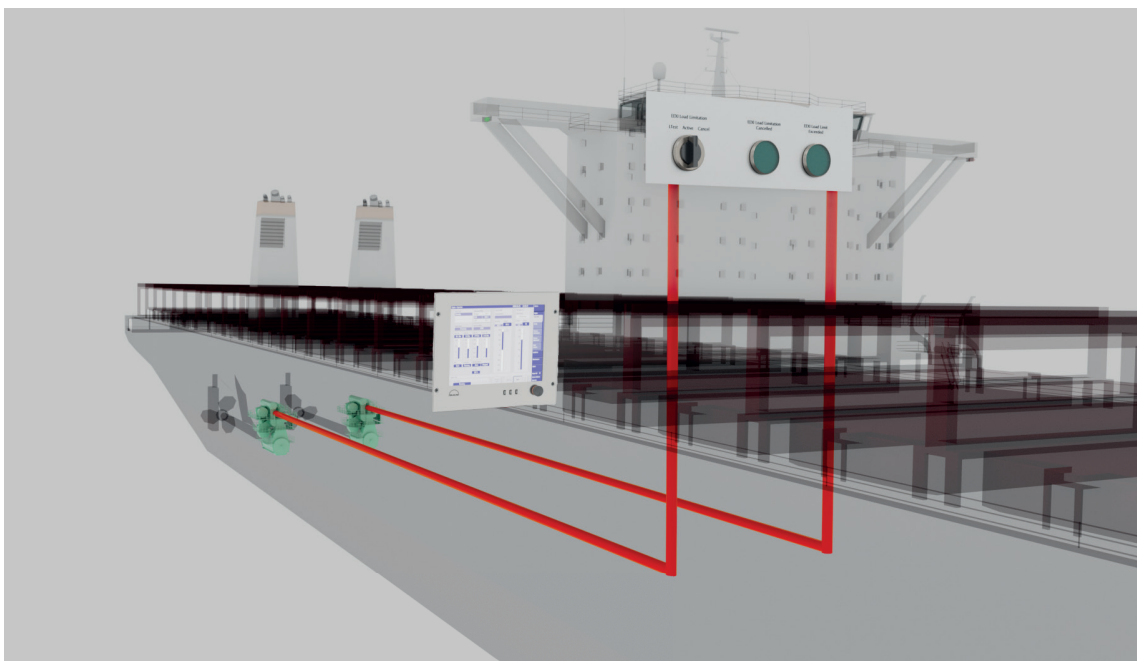
OPL for electronically controlled ME type engines is a solution that consists of software and hardware. The engine power is limited electronically by installing a new software and parameter file in the engine control system (ECS). The OPL is controlled via a remote operating panel consisting of a switch and

control lamps installed either on the Bridge or in the engine control room.

OPL is a measure to limit the main engine's maximum continuous rating (MCR), with the possibility to be overridden if the safety of the vessel is compromised.

The ECS is constantly calculating the load of the engine, based on the engine speed, fuel index and cylinder pressures (if applicable). The fuel index will remain unlimited until the power limit is reached.

Please contact your Everllence PrimeServ office for more details.



Overridable Power Limitation ME

Developed to comply with IMO standards by lowering the energy efficiency index

Key benefits

- Simple solution, fast and easy way to limit the power output of engines or un-limit the engine if additional power is needed and allowed
- No additional equipment needed
- Easy installation, can be done by service engineer during normal port stay

Scope of supply

- Hardware: Switch and control lamps, and additional electric accessories for installation.
- Software: New Software-release & Parameter File (SPAF)
- Documentation
 - EPL report
 - Onboard Management Manual (OMM) template

Applicable to

All Everllence B&W ME/ME-C/ME-B engines

More information

Contact your local Everllence PrimeServ office for more information about the product and how the upgrade can improve your specific engine.

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