

DMA RO Circular no. 033

EEXI and reporting use of power reserve by un-limiting Shaft/Engine power limitation

Instruction:

The ROs must on an annual basis by 30 June every year report to the IMO Secretariat, the uses of a power reserve over a 12-month period from 1 January to 31 December for the preceding calendar year, with the information recorded in accordance with the relevant guidance in the Guidelines. Format for reporting shall be according to MEPC.1/Circ. 908.

The report shall cover vessels, with an IEE-certificate issued by the RO, having used power reserve in the mentioned period.

The report shall be sent to ghg@imo.org with ro@dma.dk in copy.

The DMA accepts five (5) minutes unintentional exceedance of the engine power limit (SHaPoLi/EPL system), which do not need to be reported to the RO or recorded in a log book in accordance with res. MEPC.390(81).

Delegation:

The calculation of the EEXI and issuing of the IEE-certificates are delegated to the RO by the annex to the Danish RO Agreement section 18.7.

The reporting of the use of the power reserve by un-limiting the shaft/power limitation in accordance with Res.375(80) paragraph 3.4 is part of this delegation.

Accordingly the notification required in Res.375(80) paragraph 3.4 must be forwarded to the RO and the RO shall be responsible for the yearly report of use of the power reserve to the IMO Secretariat.

Background:

MARPOL Annex VI regulation 23 requires that the attained Energy Efficiency Existing Ship Index (Attained EEXI) shall be calculated for ships falling into one or more of the categories in regulation 2.2.5, 2.2.7, 2.2.9, 2.2.11, 2.2.14 to 2.2.16, 2.2.22 and 2.2.26 to 2.2.29 of the Annex.

The attained EEXI shall be specific to each ship and shall indicate the estimated performance of the ship in terms of energy efficiency, and be accompanied by the EEXI technical file.

The attained EEXI shall be calculated taking into account *the 2022 guidelines on the method of calculation of the attained Energy Efficiency Existing Ship Index (EEXI) (Resolution MEPC.350(78))*.

MARPOL Annex VI regulation 25 describe the required EEXI for the different ship types specified above.

Resolution MEPC.350(78) paragraph 2.2.1 states that overridable Shaft/Engine Power Limitation installed in accordance with the 2021 Guidelines on the shaft/engine power limitation system is a possibility to comply with the EEXI requirements.

Resolution 335(76) 2021 Guidelines on the shaft/engine power limitation system to comply with the EEXI requirements and use of a power reserve provides the technical and operational conditions for SHaPoLi/EPL system this also include an Onboard Management Manual (OMM).

The use of the of the power reserve by un-limiting the shaft/engine power limitation is set out in section 3. At MEPC 80 section 3.2 and 3.4 was amended by Resolution MEPC.375(80) Amendments to the 2021 guidelines on the shaft/engine power limitation system to comply with the EEXI requirements and use of power reserve.

Section 3.2 is amended with the following after sub-bullet .10:

“Supporting evidence and records as indicated in sub-paragraphs 3.2.8 and 3.2.9 above should be submitted to the Administration or RO for verification and do not need to be submitted to the Organization as part of annual submission of use of a power reserve in accordance with paragraph 3.4.1.”

And the existing paragraph 3.4 is replaced by the following:

“In case of having used a power reserve, the ship should without delay notify its Administration or RO responsible for issuing the relevant certificate and the competent authority of the relevant port of destination with the information recorded in accordance with paragraph 3.2. On an annual basis by 30 June every year, the Administration should report to the IMO Secretariat uses of a power reserve over a 12-month period from 1 January to 31 December for the preceding calendar year with the information recorded in accordance with paragraph 3.2, using the format as set out in the appendix to these guidelines.”

The appendix to the guideline states:

APPENDIX

FORMAT FOR REPORTING OF EPL/SHAPOLI OVERRIDE ACTIVATION, USE OF A POWER RESERVE AND REACTIVATION OF EPL/SHAPOLI

Ship type:
 IMO number:
 DWT:
 GT:
 Maximum unlimited shaft/engine power (kW):
 Limited shaft/engine power (kW):

Table 1

Date (dd/mm/yyyy)	Time (UTC)	Position		Override activation/Reactivation	Reason for using the power reserve ¹	Beaufort number ²	Wave height ²	Ice condition ²
		Longitude	Latitude					

¹ Reason for override (select at least one option):
 .1 operating in adverse weather
 .2 operating in ice-infested waters
 .3 participation in search and rescue operations
 .4 avoidance of pirates
 .5 engine maintenance
 .6 description of other reasons consistent with regulation 3.1 of MARPOL Annex VI

² Beaufort number and wave height or ice condition, as applicable, to be entered in case of using the power reserve under adverse weather condition.

At MEPC 80 it was further agreed (MEPC 80/WP.11 paragraph 40) that:

“Following consideration, the Group agreed that Administrations should annually report uses of a power reserve to the Organization according to a reporting procedure to be defined by the Secretariat. The Group also agreed that the Secretariat should provide an annual anonymized summary report of data received to the Committee. The Group agreed that the potential disclosure of non-anonymized data may be further considered at a future session on the basis of proposals by interested parties.”

The Marine Environment Protection Committee, at its eighty-first session (18 to 22 March 2024), approved the Format for reporting to the Organization uses of a power reserve in MEPC.1/Circ.908.