



## TECHNICAL CIRCULAR No. 090 of 5<sup>th</sup> December 2012

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To: All Surveyors/Auditor

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Applicable to flag: All Flags

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Subject: **Energy Efficiency Design Index**

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Reference: MARPOL VI

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### Regulation: MARPOL VI, Chapter IV EEDI, MEPC.203 (62)

Ship type: Bulk  $\geq$  10,000 DWT  
Gas  $\geq$  2,000 DWT  
Oil  $\geq$  4,000 DWT  
Chemical  $\geq$  4,000 DWT  
Container  $\geq$  10,000 DWT  
Refer  $\geq$  3,000 DWT  
Combo  $\geq$  4,000 DWT  
Ro-Ro  $\geq$  400 GT and  $\geq$  12 passengers  
Passenger  $\geq$  12 passengers

Compliance date: 1<sup>st</sup> July 2013  
Keel Laid (all) : on or after 1<sup>ST</sup> January 2013

The attained Energy Efficiency Design Index (EEDI) is not to exceed a maximum required EEDI as per Regulation 21. EEDI requirements do not apply to ships which have diesel-electric propulsion, turbine propulsion or hybrid propulsion systems.

The flag Administration can postpone compliance for up to 4 four years from the compliance date.

The attained Energy Efficiency Design Index ( EEDI) is first checked at the design stage and then confirmed during sea trials.

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The required EEDI is derived from emission factors associated with the fuel consumption by the main engine, nominal auxiliary engine power, and auxiliary generator power. An adjustment factor accounts for any innovative energy efficient technologies onboard.

**REFERENCES:**

MARPOL VI Ch. IV MEPC.203(62)

**ATTACHMENTS:** No.

Kindest Regards,  
Cosmin Bozenovici  
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