



INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS

MEMORANDUM

TO: Distribution

FROM: Alan Spackman, Vice President, Offshore Technical and Regulatory Affairs

SUBJECT: Report on the Intersessional Meeting of the Working Group on Energy Efficiency Measures for Ships

DATE: 25 July 2010

The Intersessional Meeting of the Working Group on Energy Efficiency Measures for Ships took place from 28 June to 2 July 2010 under the chairmanship of Mr. Koichi Yoshida (Japan). The session was attended by delegations from 32 Member nations, one United Nations Specialized Agency, one intergovernmental organizations and 19 non-governmental organizations. The International Association of Drilling Contractors was not represented.

Issues addressed during the session that may be of interest to offshore drilling contractors included:

Coverage of ship types and ship sizes for the Energy Efficiency Design Index (EEDI)

The following decisions were taken:

- A delegation proposed to consider whether ships, whose trade was critical, either economically or materially, to support small island nations may be exempted from the EEDI requirements. The group agreed to invite submissions to the Marine Environment Protection Committee's 61st session (MEPC 61) for further consideration.
- It was proposed that definitions of "attained EEDI" and "required EEDI" should be developed in draft regulation 1. The group invited interested delegations to submit proposals for such definitions to MEPC 61 for further consideration.
- It was clarified and agreed that EEDI recalculation should apply to ships to which the EEDI requirements apply (e.g., new ships) and to which a major conversion has taken place.
- The group agreed to exclude all ro-ro cargo ships (vehicle carrier, weight carrier and volume carrier) in the first phase.
- In consideration of the wide difference in their design to meet their wide range of intended voyage patterns and cargo loadings, the majority of members were of the view that a lower cut-off limit for application of required EEDI is necessary. If such a limit is to be established, it should be based on capacity. Options were developed for further consideration at MEPC 61.

Target year for phases 1, 2 and 3 for the EEDI, and reduction rate X from the baseline for the phases for the EEDI

The following decisions were taken:

- The baselines (reference lines) of the EEDI shall be determined once for each ship type/category and be used for the future application of the regulations without further re-calculation of the baselines (reference lines).
- The period of each phase should be, in principle, 5 years.
- The period of the first phase should be re-considered (2 years to 5 years), if the reduction rate of the first phase would be set to zero.

- Proposals that the reduction rate should be decided, taking into account ship's speed and size (fast ships may be required a higher reduction rate, and smaller ships may be required a lower reduction rate) should be further examined at future sessions.

Mandatory requirements on Shipboard Energy Efficiency Management Plan (SEEMP)

It was agreed that it is necessary to develop guidelines for development of SEEMP. Members were invited to provide draft supporting guidelines to develop and submit it to future sessions of the Committee.

Electric power tables

The group developed:

- Guidelines for the development of electric power tables for EEDI to be included as an appendix to the draft Guidelines on the method of calculation of the attained EEDI.
- Draft Guidelines for validation of electric power tables for the EEDI to be included as an appendix to the draft Guidelines for survey and certification of EEDI.

Guidelines for verification of the EEDI

The group agreed that:

- A robust regime to classify ships into the correct ship category during the verification at the design stage should be included in the Guidelines;
- In general, the shipbuilder would have the responsibility for application of verification of EEDI, while recognizing that, in some cases, the shipowner or ship designer would have such responsibility.

Group outputs for consideration by the MEPC

The Group provided the following for further development and consideration by the Committee:

- Draft regulatory text for mandatory requirements for the EEDI and the SEEMP
- Draft guidelines on the method of calculation of the attained EEDI for new ships which also contains guidelines for the development of electric power tables
- Draft guidelines on survey and certification of the attained EEDI
- Draft guidelines for calculation of reference lines (baselines) for use with the EEDI

The complete report of the Committee, as prepared by the IMO Secretariat, will be made available on the IMO portion of the IADC Website at: <http://www.iadc.org/committees/offshore/IMO.html>. These documents are password protected. IADC members should contact me to obtain the password.

Please feel free to contact me by phone (+1 713 292 1964) or e-mail (alan.spackman@iadc.org) with any questions you may have regarding this report.