

Meeting Report
ICOMIA Technical Committee meeting
Dusseldorf, Germany
January 25, 2011

Summary and Highlights of the Meeting of the ICOMIA Technical Committee (TC).

ICOMIA Technical Committee meeting

1. Previous TC Action Items

- VHF radio project – The TC decided to list all VHF radio frequencies available to boaters. Finland, Sweden, US and UK has submitted their channels. All other MIAs are again requested to submit their channels.
- Australia was asked to join the TC188 instead of developing their own standards. Still unresolved.
- Discussed the effects of Bio Diesels on fuel hoses. Letter of concern sent to CEN. Communicated with ISO and RSG; the fuel hose standards were changed at the ISO WG5 meeting held earlier this week.
- EMC project – need more research to assist builders to comply with this directive.
- Life jackets – Still unclear if the new lifejacket standards are better or worse than the older standards.
- Measures on Anti-dumping – Concerned about inferior fiberglass products from China. EBI active in this area. Concentrating on reducing duties from 43% to 14%.
- RTTE directive – (VHF radios) EU-wide product registration. MIAs are asked to send in their views and comments on this issue.
- Simplified standards – Working on ICOMIA proposal for simplified standards for stability and scantlings.
- Approval and maintenance policy of ICOMIA standards – NMMA to develop.

2. Fuel Efficiency Project

- Standard is a methodology of how to express and display fuel consumption information.
- Must look at other structural components such as boat construction and seaworthiness.
- The standard is to provide guidance for the user.
- Want to avoid an automobile type figure for fuel consumption.
- MIAs currently have done very little review of this standard with their members (except Italy who is opposed to its introduction with many comments). NMMA proposed to delay the introduction and conduct an ISO-type review of the standard. It was agreed by the TC to conduct another review, and then hold a TC conference call in April, to resolve all comments, and with final approval and hand-off in June 2011.

3. EU Update

- Update of RCD – Slowdown due to questions on market surveillance and no pressure of the Commission to accomplish the RCD revision. Expect no action until April, a delay of 2-3 months.
- AdCo opposes requirement for a rescue ladder for only single-handed boat use. Topic sent back to the industry. Sweden proposed to edit the RCD to require a reboarding ladder similar to the ABYC requirement. The standard should be revised to reflect an ABYC-like reboarding requirement.
- RFU 66 – The Standing Committee of the EU Commission is proposing to review all 36 RFUs in backlog. RFU 66 concerning sound testing has been updated via the ISO standard and the TC proposed that the ICOMIA-generated document be withdrawn.
- EMC Compliance plan – The EMC directive is now in the forefront for compliance. Is it enough to show only compliance of all onboard equipment? No, according to the Commission, the EMC directive covers the entire boat. ICOMIA proposed a project to conduct a literature search of standards and then to test a “normal” boat. The final product would be to develop guidelines for boat builders to use for compliance, probably using a “family approach” to compliance. ISO/TS 21069 for road vehicles may be used for boats. Open field testing and close field testing are the

- two options today. The TC also recommended that EMC requirements be addressed within the RCD and not be subjected to the EMC directive.
- Lake Constance – Water Protection Committee drafting future engine emission requirements aligning with proposed new RCD limits.
4. US Update
- E-diesel will probably not be available in the US markets.
5. Standards updates
- 94 published standards in TC 188. PFD work in its own subcommittee.
 - ISO standards week 27 June-1 July in Paris with TC 188 plenary meeting. METS Amsterdam will also have a week of standards meetings.
 - 15 standards are under development. 10 systematic reviews in 2011; all are open for ballot simultaneously. All conveners will receive ICOMIA improvement lists. Added additional standards, ISO 8666 and ISO 6135-3 for review. High priority reviews include ISO 10239, LPG systems, ISO 12215-5, Scantlings, and ISO 14509, Sound measurements, pass-by method. 8 revised standards have been published in 2010. Issues to be resolved include Navigation lights, Electric propulsion, Distributive power, and simplified standards for scantling and stability.
 - Stability standards 12217 – Certifying a boat with the old and the new standards may result in different capacities for the same boat. This is allowed by the commission though builders are recommended to apply the new standard to all boats, both older and newer models.
 - The TC recommended that guideline documents be developed for the scanting and stability standards to be for use by builders. A proposal was received to develop a computerized version of these standards. ICOMIA received a grant from IMCI for this work. (Awaiting IMCI board approval for change of scope). The proposal would be in Excel format. The program Keel Checker is also currently available from the ICOMIA website. However, using Keel Checker does not presume conformity to ISO 12215.
 - Fuel hoses – The CEN consultant recommended withdrawing the ISO fuel hose standards because of the uncertainty of the hoses' use for bio fuels now available in the EU. The WG responded by changing the test requirements for these hoses via hose test research done by the EU.
 - Harmonized standards – Sweden requested a more easily understood list of harmonized standards. NMMA action: Assure all members have access to the ICOMIA library.
 - Standards harmonization – Next items for harmonization are Ventilation, ELCI/RCD, Portable fuel systems, Bilge pumps. Will also issue a guideline for Australian electrical compliance. Will ask Brazil to come to ICOMIA standards group since they are beginning to develop their own boat standards.
6. New Technologies
- METS New Technologies seminar again a success. Proposing topics now for next year's METS program. Scheduling is still a problem.
 - Finland is funding a Better Boat program, both technology and business, through government and private grants. Projects include: Quiet boat, automation of aluminum welding, boat modularization, sustainable boating, new energy systems, bio fuels, and smart control systems (maneuvering and sailing).
 - Hymar Project - An EU funded project to create a hybrid boat (small and medium sized boat). The focus is use and optimization of energy. Included in this project are hybrid diesel engines, fuel cells, regeneration and optimizing controls. Results will be presented at METS 2011 in a special conference (100€).
 - ICOMIA will sponsor a webinar on the future of hybrid systems, due in March 2011.
7. Technical Committee Business
- ICOMIA maintains a library of Technical documents for ICOMIA meetings. ICOMIA will also assist in holding electronic meetings in Go To Meeting format.

8. The next meeting of the ICOMIA Technical Committee will be held in June 8-11, 2011 at the ICOMIA AGM and Congress in Rotterdam.

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