



Minutes from the 27th plenary meeting of ISO/TC188 in Joure, Netherlands 2012-06-29

1. Opening of the meeting

The secretary opened the meeting and welcomed the delegates.

2. Appointment of Chairman for the meeting

By the resignation of Nik Parker TC 188 there was formally a vacancy and there was a need to appoint a Chairman for this meeting. Knowing the approval of Mr Thomas J Marhevko, as new TC 188 Chairman (see 2.1 below) the secretary proposed Mr Marhevko as the Chairman for this meeting which was unanimously approved.

Mr Marhevko thanked for the confidence and welcomed the delegates.

2.1 Election of new TC 188 Chairman

Doc. ISO/TC 188 N 1217 (vote by 2012-06-10), N 1242

By the resignation of Nik Parker a proposal for a new TC 188 Chairman had been circulated in document ISO/TC 188 N 1217. Mr, Thomas J Marhevko, National Marine Manufacturers Association (NMMA), Chicago, USA, had had been proposed and this had been unanimously approved as summarized in document ISO/TC 188 N 1242. TC 188 resolution 439 will be sent to ISO/CS for formal approval of the new Chairman by TMB.

3. Roll call of delegates

The delegates introduced themselves, see Annex A. The roll call showed that the following 10 out of 22 P-members were represented: Belgium, Finland, France, Germany, Norway, Netherlands, Sweden, South Africa, UK and USA. Furthermore, EBI, ICOMIA, the CEN Consultant for the EC Directive on recreational craft as well as ISO/CS were represented at the meeting.

4. Adoption of the agenda

The draft agenda ISO/TC 188 N 1246 was adopted.

5. Appointment of the drafting committee

The meeting appointed Mr Udo Kleinitz, Mr Grégoire Dolto and Mr Rolf Thesslin to draft the resolutions. It was agreed to prepare the resolutions in English only at the meeting.

6. Report of the secretariat

The Secretary provided a report on the activities since last meeting, see document N 1220. The report was reviewed and discussed and the following noted:

- There is a modified business plan dated 2011-09-23;
- There are still 24 working groups registered as active;
- The list of working groups was corrected by noting that Mr Thomas Marhevko is the Convenor of WG 27;
- WG's still do not use ISO livelink and email lists as was agreed at last meeting;



- Liaison with CEN/TC 181 is not registered officially since ISO work with CEN under the Vienna agreement;
- Mr Nick Toomer from TRUMA, is now a member of TC 188/WG 16 and acts as a liaison officer for CEN/TC 181, see item 7 below;
- Liaison with RSG, where the abbreviation will be explained as the "Recreational craft Sectoral Group";
- There is still no name of contact person for RINA;
- In addition to the 3 standards published 2011, ISO 12215-9 was also published in June this year.

In the report the secretary had proposed cancellation of 2 working groups and merging of some others. The rationale was that there was no activity foreseen and concerning merging there was felt being more effective in future treatment of the items.

At the meeting the secretary also pointed out that after reviewing some drafts and briefly looked into the data base for terms and definitions it has become clear that TC 188 needs to review all terms to harmonize their definitions for TC 188 use.

The secretariat proposals were discussed and accepted. For merging of WG 15 with WG 2 it was noted it should require the acceptance by the WG 2 Convenor. The names of the working groups were modified as follows:

- WG 2, Inflatables and life rafts;
- WG 3, Cockpits, deck fittings and rigging parts;
- WG 13, Operator's manual, terminology and symbols.

It was also agreed to cancel WG 6 and WG 27 and put responsibility for ISO 8099 and ISO 13590 directly under TC 188.

[TC 188 resolution 440 and 441 refers.](#)

Concerning TC 188 resolution 432 and management of the technical work in the working groups the importance to use only official address lists was emphasized. From Sweden it had been noted as unacceptable that appointed expert to WG 10 did not receive any information about result from the meeting at METS. Finland had also stressed the importance to only address the experts listed in the Global Directory since those are the persons who are appointed and are members of the national committees.

Also at the meeting the importance to use member lists in ISO database was stressed. Also the necessity to ensure the involvement of needed experts was highlighted. The importance that Conveners contact such non-official experts to have them to contact their national standards office to get registered was also noted.

It was agreed that TC 188 resolution 432 must be implemented by all working groups from now on.

7. Liaison reports

Summary of internal liaisons had been presented in document ISO/TC 188 N 1228 and N 1245.

The reports were reviewed and discussed. Document N 1245 had been received from CEN/TC 181 secretariat and included a clarification about their liaison officer as well as it presented the developments they have had in work the last year.



The secretary had in document N 1228 made a summary of information available about the situations in other ISO committees in liaison with TC 188,

Under any other business the question about common interest between TC 8/SC 12 and TC 188 was highlighted, not only concerning the development of standards but also concerning stakeholders and that a closer cooperation for the future was welcomed.

At the meeting Mr Ulrich Heinemann also gave an oral report about the activities in RSG and especially about the RSG Guidelines published. For details see www.rsg.org.

Concerning the liaisons within ISO the one way liaison with ISO/TC 8, TC 61 and TC 115 was noted and it was agreed to appoint the TC 188 secretary as liaison officer to ensure the access to these committees.

[TC 188 resolution 442 refers.](#)

7.1 Liaisons with ISO/TC 43/SC 3, Underwater acoustics

A proposal to establish a liaison had been circulated in document ISO/TC 188 N 1205. The result was positive as presented in document ISO/TC 188 N 1227. It was agreed to establish a liaison with ISO/TC 43/SC 3 and appoint Mr Thomas J Marhevko as liaison officer.

[TC 188 resolution 443 refers.](#)

8. Updates from ISO/CS

Background documents had been circulated in TC 188 N 1235 and N 1237.

At the meeting Mr Richard Cook made a presentation covering recent developments at ISO including the Online Browsing Platform, the living lab project (DIS editing and the possibility of accelerated time frames) and brief information on the Webex tool

The goal in ISO is still to speed up the processing of drafts. Of that reason has the DIS voting period changed from 5 to 3 months. However giving access to the document at the same time they are sent to AFNOR for French translation.

Also the FDIS voting had become an option and could therefore be skipped also in cases there are no negative votes at the DIS stage.

TC 188 agreed that this possibility should only be used when there was only a wide acceptance and few technical changes.

Document N 1237 should have contained general information from ISO/CS for example the Online Browsing Platform (OBP) which now has replaced the Concept Database. By this tool it will be possible to review the situation in TC 188 concerning terms and definitions. It was noted that only the cover page had been upload and the secretary promised to upload a complete version as soon as possible.

Another item highlighted was the possibility to have the ISO editing of the document done during the 5 month period for the DIS enquiry. It will result in a document with MS word track changes. This document shall then be used by the committee for the further drafting caused by the DIS comment resolution.



This possibility is optional for those committees requesting it and the TC 188 secretary announced that he will request it for next draft to be sent to ISO for DIS enquiry. The benefit from this procedure will then be evaluated in TC 188.

Finally there was also a power point presentation on drafting of standards. This presentation will be made available as a TC 188 N-document. Special attention was drawn to the drafting of definitions, the need for reference to Figures, Tables and Annexes.

9. Information about ongoing CEN work

9.1 Cooperation with CEN Consultant

Mr Nigel Saw, CEN Consultant, presented his report in document TC 188 N 1238. It was noted that the revision and development of standards in general had been satisfactory and had met the requirements of the Recreational Craft Directive (RCD).

It was noted that there had been quite a lot of work this year with the assessments of the drafts sent out for FDIS ballot.

9.2 Report from BT/WG 69, Small craft, on navigation lights

A report had been circulated in document TC 188 N 1210. BT/WG 69 has, besides the preparation of DIS 16180, also discussed the possibilities for an acceptable standard on light performance. This discussion is now foreseen to continue in WG 19.

The implementation of the amended Directive is still under review in Europe and will be discussed by BT/WG 69. The next meeting of BT/WG 69 is planned to be held in conjunction to BOOT in January 2013.

The most important question will be the determination of transitional periods of revised standards. The default period is six month but can be extended up to a maximum of three years. Stakeholders proposed a clarification of the procedure between publication of a standard by ISO and CEN and its reference in the official journal of the European Union (OJEU); in particular how to identify those standards which will need longer transitional periods (during which both versions of the standard are valid). This is important in view of the presumption of conformity provided by standards harmonised under the EU recreational craft directive, where short transitional periods create a burden on the industry. Transitional periods stated in the OJEU directly adopt the period stated by ISO/CEN. It was agreed to ask the CEN (*consultant*) to include in his assessment a recommendation for the transitional period. In particular, the above CEN action is urgently needed for the pending publication of the stability standards (ISO 12217-series) which is currently at FDIS stage.

In support of this task, convenors should also issue a recommendation on the transitional period, together with listing essential changes carried out during the revision of a standard. It was agreed to produce a policy paper (*who agreed producing it??*).

Since references to EU directives (Annex ZA) are only published in European standards it was recommended to make these Annexes available to users of non-EN standards which have an interest in exporting to Europe e.g. through the RCD Notified Bodies publication (RSG Guidelines).

10. Reports on ISO/TC 188 working group and SC 1 activities

Summary reports from working groups had been submitted in document TC 188 N 1230 from SC 1, and in N 1232 and N 1233 for all active working groups except JWG 1, WG 12 and WG 29 which met this week. Besides these groups also the following groups had met this week: WG 3, WG 16, WG 18, WG 19 and WG 21.



From the review and reports received the following was noted:

SC 1, Personal safety equipment

A report had been received from the SC 1 Chairman Rolf Popp in document TC 188 N 1230:

- EN ISO 15027 series "Immersion suits" is now after further discussions with the CEN Consultant ready for FDIS voting;
- EN ISO 12402 series "Personal flotation devices" is discussed, still at a preliminary stage.

JWG 1, Electrical propulsion systems

An oral report was received from the JWG 1 Convenor John Adey. The main topic for discussion had been to resolve the comments received on CD 16315, see item 10.1 below.

Since it was foreseen that the draft will be submitted for DIS enquiry there was no JWG 1 meeting scheduled until in connection with next TC 188 meeting.

WG 1, Propeller tapers

No active work items for the time being.

WG 2, Inflatable boats

A report had been received from the WG 2 Convenor Tim Fleming in document TC 188 N 1233:

- At the last TC 188 meeting it was agreed to start revision of ISO 6185-3;
- A CD had now been circulated as document ISO/TC 188 N 1229 for review and commenting by 2012-09-15.

It was expected that WG 2 will meet at METS in November 2012 to discuss the voting result and to prepare the draft for DIS enquiry.

WG 3, Deck fittings and rigging parts

A report had been received from the Convenor Grégoire Dolto in document TC 188 N 1232:

- For ISO 15085 a revision had been discussed based request from Sweden for modified requirements concerning recovering of people falling overboard;
- WG 3 met 2012-06-25 to discuss and prepare a draft to be circulated as a NWIP;
- Another meeting will be needed before a draft will be ready;
- An early revision of ISO 15085 had now been made possible since there was a guaranteed voluntary sponsoring of the TC 188 secretariat work had been ensured.

It was expected that WG 3 will meet at BOOT in January 2013 to complete the draft to be submitted as a combined NWIP and CD voting.

[TC 188 resolution 444 refers.](#)

WG 5, Engine and propulsive systems

A report had been received from the WG 5 Convenor Sam Behrmann in document TC 188 N 1230:

- FDIS 21487 and FDIS 25197 have been submitted to ISO/CS for final approval;
- The CEN Consultant assessment had now been received for FDIS 25197 and that will result in an addition of a Clause concerning owner's manual;
- CEN Consultant assessment on FDIS 21487 is still to be received;
- DIS 7840, DIS 8469, DIS 10088 and DIS 16147 are at present under enquiry which ends in August or September.
- An ad-hoc meeting had also been held to prepare an Amendment to ISO 14509-1 concerning needed update of boat data.

The WG 5 Convenor will now prepare a CD draft Amendment for submission to TC 188 for approval to be circulated for enquiry.

It is expected that WG 5 will meet at METS in November 2012 to discuss the voting result of the four DIS documents.

WG 6, Retention systems

No active work items for the time being.



WG 7, Steering gear

No active work items for the time being.

WG 9, Main dimensions of the craft and identification of the hull

A report had been received from the WG 9 Convenor David Marlow in document TC 188 N 1232:

- WG 9 has been waiting for information from other standards to be able to update ISO 8666;
- The goal is to present a draft for revision of ISO 8666 after METS;

It was then expected that WG 9 will meet at METS in November 2012 to discuss received comments and to prepare the draft for combined NWIP and CD enquiry.

WG 10, Electrical equipment

An oral report was received from the WG 10 Convenor John Adey:

- DIS 10133 and DIS 13297 have been submitted to ISO/CS for FDIS voting;
- Still waiting the CEN Consultant assessment.

It was expected that the FDIS voting will start by autumn this year.

WG 11, Sea cocks through-hull fittings

No active work items for the time being.

WG 12, Fire protection

WG 12 had met 2012-06-27. An oral report was received from Mr Ulrich Heinemann who had convened the meeting:

- A new draft had been prepared and approved to be included into the active work programme as well as a CD.
- The main topic for discussion had been to resolve the comments received on CD 9094, see item 10.3 below;
- Mr Dave Marlow was proposed as new Convenor of WG 12.

Since it was foreseen that the draft will be submitted for DIS enquiry there was no WG 12 meeting scheduled until in connection with next TC 188 meeting.

[TC 188 resolution 445 refers.](#)

WG 13, Operating symbols

A report had been received from the WG 13 Convenor Tom Marhekvo in document TC 188 N 1232:

- The need to establish additional symbols will now be discussed within the framework of ICOMIA;
- ISO 12133 on *Carbon monoxide detecting systems* was published 2011-12-15.

There is at moment no activity foreseen.

WG 15, Liferrafts

No active work items for the time being.

WG 16, Gaseous fuel systems

A report had been received from the WG 16 Convenor Udo Kleinitz in document TC 188 N 1232:

- WG 16 met 2012-06-28 to review CD 10239 based on the received comments presented in document TC 188 N 1240 and N 1244;
- The main topic for discussion had been to resolve the comments received on CD 10239, see item 10.4 below.

Since it was foreseen that the draft will be submitted for DIS enquiry there was no WG 16 meeting scheduled until in connection with next TC 188 meeting.

WG 17, Owner's manual

A report had been received from the WG 17 Convenor Grégoire Dolto in document TC 188 N 1232:

- There has been no activity for WG 17 since last meeting;



- The WG will review the need and purpose of ISO 10240 in connection to next systematic review.

WG 18, Scantlings

A report had been received from the WG 18 Convenor Grégoire Dolto in document TC 188 N 1232:

- WG 18 met 2012-06-26 to discuss the draft for ISO 12215-7, *Scantling determination of multihulls*;
- It was noted that the work item for ISO 12215-7 had been changed to be a preliminary item giving more time to WG 18 to prepare a draft;
- Discussion has started on the revision of Part 5 to add a finite element programme;
- It was noted that Part 9, *Appendages*, had just been published but that work is expected on a Part 10 fore rig loads and attachments.

It was then expected that WG 18 will meet both in conjunction to METS in November and at BOOT in January 2013 to continue to discuss the draft for Part 7 but also Parts 5 and 10.

In connection to the report Mr Udo Kleinitz informed about the progress with making available a software tool to help boat builders to implement ISO 12215-5. This addition to Part 5 had been developed on an initiative from ICOMIA and the software was now available. The necessary amendment of the standard had been circulated in document ISO/TC 188 N 1207 for approval. For final agreement see 10.2 below.

WG 19, Navigation lights

A report had been received from the WG 19 Convenor Paul Michalczyk in document TC 188 N 1232:

- WG 19 met 2012-06-25 to discuss a possible draft for navigation light performance requirements;
- It was agreed to draft a standard based on EN 14744 limited to LED lights and for small craft up to 24 m length of hull;

An updated draft will now be prepared for circulation within WG 19 for review and comment. It was agreed to schedule the work so a draft will be ready for submission to TC 188 by latest January 2013 for approval as a NWIP and CD8. The intention was then to schedule a meeting in connection to next TC 188 meeting.

WG 20, Windows, portlights, hatches, deadlights and doors

A report had been received from the Convenor Grégoire Dolto in document TC 188 N 1232:

- WG 20 will continue to review and discuss the revision of ISO 12216 as it is linked to the discussions about revision of ISO 12215-5.

It was expected that WG 20 will meet at BOOT in January 2013 to continue to discuss the draft for a revised ISO 12216.

WG 21, Cockpits and cockpits drainage

A report had been received from the Convenor Grégoire Dolto in document TC 188 N 1232:

- WG 21 will continue to review and discuss the revision of ISO 11812.

It was then expected that WG 21 will meet at BOOT in January 2013 to continue to discuss the draft for a revised ISO 11812.

WG 22, Stability

A report had been received from the WG 22 Convenor Andrew Blyth in document TC 188 N 1132:

- Modified drafts for ISO 12217-1, -2 and -3, had been finalized and was submitted to ISO/CS already by late autumn 2011;
- The drafts have then been subjected to editing by ISO/CS and additional corrections submitted by the Convenor;
- The draft as are now ready to be submitted to CEN Consultant for his assessment before formal vote.

It was expected that the FDIS voting will be initiated this autumn.

WG 24, Field of vision from helm position



No active work items for the time being.

WG 25, Manoeuvring speed and powering

A report had been received from the WG 25 Convenor Thomas Marhevko in document TC 188 N 1132.

WG 27, Personal watercraft

A report had been received from the WG 27 Convenor Thomas Marhevko in document TC 188 N 1160: For ISO 13590 it was noted that there was no comments received in the systematic review 2009 (see TC 188 N 987) and there only one note in the improvement list (see TC 188 N 1231) and it was for Clause 6.6 that: "Movement should be limited the standard allows lots of movement".

WG 29, Galley stoves

WG 29 had met 2012-06-27. An oral report was received from the Convenor Udo Kleinitz. The main topic for discussion had been to resolve the comments received on draft for revision of ISO 14895, see item 10.5 below.

Since it was concluded that the draft will be submitted for second CD enquiry it was expected that WG 29 will meet at BOOT in January 2013.

10.1 CD 16315, Small craft — Electrical propulsion system (JWG 1)

CD 16315 in document ISO/TC 188 N 1208 had been submitted to review and commenting by ISO/TC 188 and IEC/TC 18. The results were presented in documents TC 188 N 1234 and N 1243, respectively.

All comments had been dealt with by JWG 1 at their meeting 2012-06-26. Agreement had been reached on all comments. For details see minutes from the JWG 1 meeting in document ISO/TC 188/JWG 1 N 14.

The report was discussed and it was agreed to request the Convenor to provide the TC 188 secretariat with an updated draft for submitting to ISO/CS for parallel enquiry with IEC.

[TC 188 resolution 446 refers.](#)

10.2 NP + CD 12215-5/DAMd 1, Small craft — Hull construction and scantlings — Part 5: Design pressures for monohulls, design stresses, scantling determination - AMENDMENT 1 (WG 18)

A draft Amendment to ISO 12215-5 had been circulated for approval in document ISO/TC 188 N 1207. The voting result had been presented in document ISO/TC 188 N 1221, The received comments were reviewed and it was agreed that the proposal for additional software for a simplified method to determine scantlings was not copying of the standard but a complementary guideline.

It was agreed to submit the draft Amendment to ISO/CS for DIS enquiry.

[TC 188 resolution 447 refers.](#)

10.3 NP + CD 9094, Small craft – Fire protection (WG 12)

CD 9094 in document ISO/TC 188 N 1212 had been submitted to review and commenting by ISO/TC 188. The results were presented in documents TC 188 N 1241.

All comments had been dealt with by WG 12 at their meeting 2012-06-27. Agreement had been reached on all comments. For details see minutes from the WG 12 meeting in document ISO/TC 188/WG 12 N 2.

The report was discussed and it was agreed to request the Convenor to provide the TC 188 secretariat with an updated draft for submitting to ISO/CS for enquiry as a DIS.

[TC 188 resolution 448 refers.](#)

10.4 CD 10239, Small craft – Liquefied petroleum gas (LPG) systems (WG 16)

CD 10239 in document ISO/TC 188 N 1211 had been submitted to review and commenting by ISO/TC 188. The results were presented in document TC 188 N 1244.



All comments had been dealt with by WG 16 at their meeting 2012-06-28. Agreement had been reached on all comments. For details see minutes from the WG 16 meeting in document ISO/TC 188/WG 16 N 11.

The report was discussed and it was agreed to request the Convenor to provide the TC 188 secretariat with an updated draft for submitting to ISO/CS for enquiry as a DIS.

[TC 188 resolution 449 refers.](#)

10.5 NP 14895, Small craft – Liquid fuelled gallery stoves (WG 29)

NP 14895 in document ISO/TC 188 N 1201 had been submitted to review and commenting by ISO/TC 188. The results were presented in documents TC 188 N 1216. The draft had been accepted as a CD.

All comments had been dealt with by WG 29 at their meeting 2012-06-28. Agreement had been reached on all comments. For details see minutes from the WG 29 meeting in document ISO/TC 188/WG 29 N 3.

The report was discussed and it was agreed to request WG 29 to continue the revision of the standard with the aim to have an updated draft submitted as a second CD so the result will be available in time for next TC 188 meeting.

[TC 188 resolution 450 refers.](#)

11. Status of all items of the programme of work and action to be taken – Follow-up on work

11.1 Confirmation or withdrawal of items of which no progress has been made

The secretary noted that all work items are processed.

11.2 Up-date of target dates for work in progress

Most work items were processed within set target dates.

12. Systematic review of standards produced by ISO/TC 188

There was none.

13. Items for future work

The improvement list (N 1231) is continuously updated by the secretariat and ICOMIA, and suggestions from the WG convenors are welcomed. However, these suggestions have to be presented by using the ICOMIA commenting form. Next version will be cleaned from items listed for standards which have been newly reviewed and published or are under review in the WG:s.

It was noted that we had received the CEN Consultant assessment of FDIS 25197 in document ISO/TC 188 N 1236. The assessment was positive but with some comments. All except the request for an additional Clause concerning Operator's manual had been addressed by ISO/CS. TC 188 had been requested to reply on the text to be included under the new clause. The text for this additional clause had now been agreed between the CEN Consultant and WG 5 Convenor.

Finally the matter of a review policy for standards was discussed together with the ISO/CS objections received by e-mail dated 2012-06-25. It was agreed that the question about systematic review and revision outside this 5 year review period was adequately covered by the ISO procedures. The question about needed priority for different work items could be dealt with through the "purpose and justification" part in the NWIP form and on the summary form for result of systematic review as well as if there will be a project leader available as well as needed number of experts.



14. Requirements concerning a subsequent meeting

A future meeting for TC 188 was discussed.

It was proposed to schedule the next TC 188 meeting to the week 2013-06-24/28. The kind invitation from Finland to host the next meeting was accepted. The meeting place was preliminary set to be in Espoo outside Helsinki.

It was also noted that several working groups plan to have meetings in connection to METS in Amsterdam the week 2012-11-13 – 18 and at BOOT in Düsseldorf the week 2013-01-21/25.

The following preliminary WG-meetings were noted:

For Amsterdam – WG 2, WG 5, WG 9 and WG 18

For Düsseldorf – WG 3, WG 18, WG 20, WG 29 as well as CEN/BT WG 69

15. Any other business

15.1 Vice Chair to TC 188

Mr Thomas J Marhevko, as new TC 188 Chairman, raised the question about a vice Chairman for TC 188. The idea was supported and volunteers were noted. Thomas pointed out that he will discuss this with people interested and return to the secretariat with the choice.

Secr. note: Mr Marhevko had announced that he was overwhelmed about the support he had received and that he after consultations now appointed Mr David Elson, British Marine, UK. It is also the intention to appoint Mr Elson as new Convener of CEN/BT WG 69.

16. Approval of resolutions

ISO/TC 188 approved resolutions 440 – 450 as presented at the meeting, see document TC 188 N 1249.

17. Closure of the meeting

The meeting Chairman, Mr Thomas J Marhevko, thanked on behalf of the committee, the host delegation and the DCI staff for their excellent meeting arrangements and great hospitality. The Chairman also thanked all delegates for their contribution and declared the meeting closed.



List of participants at the ISO/TC 188 meeting in Joure 2012

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