

SC32A - U.S.A. Technical Advisory Group

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IEC Report 2020-1 October 2019 to May 2020

From: Dr. John G. Leach, Technical Advisor TC32 and SC32A, May 5th 2020

Summary

Since the October 2019 report there have been no SC32A maintenance team meetings, but an on-line CAG (Chairman's advisory Group for TC32) on May 5th. The FDIS documents for IEC 60181-1 Ed8 and the new IEC 60282-4 were circulated and approved unanimously. Both documents have been published (April 14th and 16th respectively). A planned Plenary meeting in Paris, with TC, SC, MT and CAG meetings has been cancelled due to COVID 19 concerns. The General meeting in Stockholm (October – to which we were not invited) has also been cancelled, and replaced by a shorter, management only, meeting in November in Switzerland. Preliminary plans for the replacement TC/SC/MT meetings in Paris are for January 11th-15th 2021.

MT3 – “current-limiting fuses”

IEC 60282-1 Ed 8: The editing check produces a few minor questions in November. Our SC secretary, Raphael Buisson, received a sports injury and was off work for several weeks. Consequently, I queried the MT on some issues (there were 36 questions from the editor, many involving references). Raphael returned and was able to submit our responses on December 2nd, and the FDIS was circulated January 24th 2020, closing March 6th. The FDIS received no comments and passed with 100% approval. The new edition was published on April 14th, 2020.

WG8 – “Polymeric cutout standard”

IEC 60282-4: The editing check produces a few minor questions in November. Our SC secretary, Raphael Buisson, received a sports injury and was off work for several weeks. Consequently, Sterlin Cochran and I reviewed the comments (there were 14 questions from the editor) and made recommendations to Raphael. He returned to work and was able to submit our responses on November 29th, and the FDIS was circulated January 24th 2020, closing March 6th. The FDIS received eight comments and passed with 100% approval. While we responded to the comments, no changes to an FDIS are possible. The new edition was published on April 16th, 2020.

MT6 – “Tutorial and Application Guide”

A formal project for the revision of IEC TR 62655 has not yet been started. It was planned that this would occur at the Plenary meeting in Paris in September 2020. If a January meeting can take place instead, a future work plan will be instituted at that time.

CAG web meeting, May 5th 2020. The seven members of the CAG met in a Microsoft Teams meeting (7:00 Eastern DS time). Membership is now set to be the Chair and Secretary of the TC and its three sub-committees. Topics of discussion included:

1. Cancelling the planned Plenary meetings for September in Paris. France is still requiring 14 days isolation for anyone coming to France. With no guarantee restrictions will be eased by September, it was decided to postpone the meeting. Members were requested to notify their committee members as soon as possible – an official announcement will be forthcoming. The possibility of holding our main meetings by web conferencing was

discussed, but for various reasons (including the impracticality of long meetings involving very early mornings or very late nights for members scattered around the world) it was decided that this was not a good idea.

2. Possible future meeting dates. The 2021 general meeting is in October in Dubai. This posed a problem for several members, including proximity to other meetings (IEC and IEEE), and it being too long since previous meetings. It was therefore decided to meet as early in 2021 as possible. The date January 11-15 was therefore chosen as being suitable for those present. There may be some issues with room availability at AFNOR (host) so the schedule may not be identical to that for the September meeting.

MT2: revision of IEC/TR/60943 Guidance concerning the permissible temperature rise for parts of electrical equipment, in particular for terminals. No work on a revision has been done so it is proposed to reaffirm it for a further 5 years.

MT3: Review of IECV (International Electrotechnical Vocabulary), Revision of IEC 60050-441. Michael Altenhuber has been trying to get information from CO, with little success. SC32B and SC32C have been working on their own drafts.

WG1: New standard for HV fuses / DC and /or special Application. It is anticipated a preliminary document will be circulated soon.

AHG1: Differentiate SC32C – SC32B scopes. John Leach's name was on the list of members by mistake. A web meeting is planned for June 8th.

AHG2: Clarified SC32A – SC32B scopes for HV fuses. This will mainly be taken care of in WG1, but a web meeting is planned for June 3rd. John Leach's name was added to this group.

New projects: Future standard or technical specification for Product data and properties for information exchange of/for fuses, and Environmental Issues for/of fuses. Michael Altenhuber has joined TC121/WG 1 as they are producing similar documents. We will have access to their first drafts as a basis for our documents.

Plea for additional members: Michael asked that SC Chairs request that their members consider joining these new projects.

It was agreed that the CAG would continue to meet by web meeting twice a year, the next meeting being set for October 12th 2020.

Date and place of next meetings: January 11th – 15th 2021 in Paris. To be confirmed by official IEC circular.

John Leach, 05/05/20