



IUPAC

Chemistry and Human Health Division



IFCC

Scientific Division

**Subcommittee/Committee on Nomenclature, Properties and Units (SC-C-NPU)**

## **Minutes for the SC-C-NPU Committee meeting**

### **Istanbul 2013**

Approved 24-06-2014

1	<p>The meeting opened Sunday August 11, 9:00 a.m.</p> <p>Welcome, and apologies for absence</p> <p>Present: Robert Flatman (RF), Gunnar Nordin (GN), Antonin Jabor (AJ), Helle Møller Johannessen (HMJ), Ulla Magdal Petersen (UMP), René Dybkær (RD), with Daniel Karlsson (DK) participating via Skype for item 17.</p> <p>Apologies from Françoise Pontet (FP), Urban Forsum (UF), George Férard (GF), Xavier Fuentes-Arderiu (XFA)</p>
2	<p><b>Approval of the agenda</b></p> <p>Approved with changes for Div.VII participation: New agenda item for 0900 Monday. Future plans and needs for the terminology. Item 16 set for Monday 11:00 to allow on-line participation from DK.</p>
3	<p><b>Approval of minutes from last meeting, Linköping 2012</b></p> <p>Minutes from last meeting, Linköping 2012 were approved with minor corrections (to be received from RD)</p>
4	<p><b>Members and corresponding members.</b></p> <p>Members Elected via current IUPAC projects are:</p> <p>2001-070-1-700 (Properties and units for urinary calculi )</p> <ul style="list-style-type: none"><li>• Gunnar Nordin (chair)</li><li>• Pedro de Araujo (PdA)</li><li>• René Dybkaer</li><li>• Urban Forsum</li><li>• Antonin Jabor</li><li>• Wolf Külpmann (WK)</li></ul> <p>2006-008-1-700 (Mapping of IFCC-IUPAC laboratory coding system to SNOMED CT (SNOMED CT - Systematized Nomenclature of Medicine Clinical Terms)</p> <ul style="list-style-type: none"><li>• Ulla Magdal Petersen (chair)</li><li>• Ivan Bruunshuus (IB)</li><li>• Urban Forsum</li><li>• Daniel Karlsson</li></ul>



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- Gunnar Nordin

2010-035-3-700 (Establishing definitions for non-referenced terms in the NPU terminology)

- Helle Møller Johannessen (chair) (HMJ)
- Ivan Bruunshuus
- Robert Flatman
- Urban Forsum
- Ulla Magdal Petersen
- Gunnar Nordin

Members of current IUPAC projects are all Elected Members of the IUPAC subcommittee, with RF serving as Chair and UMP as Secretary.

The current IFCC members are:

- Robert Flatman (Chair) AUS
- Urban Forsum SE
- Ulla Magdal Petersen DK
- René Dybkaer (Consultant) DK
- Kazuyoshi Yamauchi (KY)
- Antonin Jabor CZ (AJ)

There is one vacant IFCC position to be filled.

The members of the committee for the Silver Book revision are:

- George Féraud (Chair) FR (GF)
- Françoise Pontet (IUPAC co-Chair) FR (FP)
- René Dybkaer DK
- Xavier Fuentes-Arderiu ES (XFA)
- Dongchon Kang JP (DoK)
- Clem McDonald US (CM)
- Gilbert Hill CA 2nd (GH)

Corresponding Members (as nominated by Full IFCC Members' Societies) are:

- Gilbert Hill (Canadian Society of Clinical Chemistry (CSCC))
- Helle Johannessen (Danish Society of Clinical Biochemistry (DSKB))
- Georges Féraud (Société Française de Biologie Clinique (SFBC))
- Masayuki Totani (Japan Society of Clinical Chemistry (JSCC))
- Dalius Vitkus (Lithuanian Society of Laboratory Medicine)
- Valentina Koloska (Macedonian Society of Medical Biochemists)
- Jens Georg Gleditsch (Norwegian Society of Medical Biochemistry)
- Nada Majkic-Singh (Society of Medical Biochemists of Serbia (DMBS))
- Ariadna Padró-Miquel (Sociedad Española de Bioquímica Clínica y Patología Molecular (SEQC))
- Arden Forrey (American Association for Clinical Chemistry (AACC))
- David Armbruster (Abbott Diagnostics) Corporate c. m.



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	<ul style="list-style-type: none"><li>• Aracelis German (Domican Republic)</li></ul>
5	<p><b>Budget for the meeting</b></p> <ul style="list-style-type: none"><li>• RD, AJ and UMP will be funded by the IFCC budget</li><li>• RF will share between IFCC and other sources</li><li>• HMJ will share between IUPAC project 2010-035-3-700 and other sources</li><li>• GN will be funded by IUPAC project 2006-008-1-700</li></ul>
6	<p><b>Date and place of next meeting(s)</b></p> <ul style="list-style-type: none"><li>• Suggested Governance meeting between NPU stakeholders in Copenhagen autumn 2013</li><li>• Suggested Molecular Biology project group kick-off meeting in Copenhagen autumn 2013, provided funding is available.</li><li>• Next full C-SC-NPU meeting in Istanbul June 2014 in connection with IFCC congress with plans for one more meeting in the fall 2014</li></ul>
7	<p><b>Reports from members</b></p> <ul style="list-style-type: none"><li>• RF on Harmonisation Activities in Australia - Standardisation of Pathology Units and Terminology (PUTS)</li><li>• GN on discussions in Sweden concerning financing of the Swedish NPU work – with expectations for 2014</li><li>• HMJ and UMP: A delegation from the Norwegian Helsedirektoratet (Board of Health) will visit in Copenhagen later this month to discuss NPU terminology work, tools, and future cooperation.</li><li>• AJ on the Czeck laboratory terminology and on discussions to switch to either LOINC or NPU</li><li>• RD reports via items 8, 9, and 9 bis</li></ul>
8	<p><b>Project report: Vocabulary for nominal properties and nominal examinations — basic and general concepts and associated terms (IUPAC project 2004-023-1-700)</b></p> <p>Report received from FP 26 July 2013 (Appendix) GN reports that the latest revised version has been in second round of public review in IUPAC. Many comments have again been received, and the manuscript will again be revised. Comments to concepts on uncertainty will need input from a skilled statistician.</p>
9	<p><b>Project report: Silver Book Revision 2007-033-3-700</b></p> <p>RD presents the latest version. Extremely complicated, not interesting in its entirety for very many people, but contains useful parts for many different users. A two day meeting in Paris is planned in late 2013 to finalize the work. There is apparently still some project funding available. GF's report on the Silver book was not available at this time. It was discussed in detail at a later time. It was suggested that typographical problems on</p>



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	spacing might find a technical solution in the final printing, and should not be adjusted manually at this stage.
9 bis	RD presents an Opinion Paper 'Recommendations for clinical laboratory science reports regarding properties, units, and symbols: the NPU format'. Authors GF and RD, published on behalf of C-NPU in CCLM in 2013. And an Opinion Paper on 'Concept system on 'quantity': formation and terminology' published in Accred Qual Assur in 2013.
10	<b>Project report: The definition project for non-referenced terms (IUPAC project 2010-035-2-700).</b>  The TG will be meeting Monday afternoon – HMJ reports that 2 of 5 members have finished the first run through of their set of concepts, and a guideline is crystallizing.
11	<b>Project report: Urinary calculi. (IUPAC project 2001-070-1-700).</b>  The project has long been out of funds, but it may be possible to renew and update the project with new types of examined properties. AJ will initiate an attempt.
12	<b>Project report: The Mapping project (IUPAC project 2006-008-1-700).</b>  Project awaits an agreement with IHTSDO on intellectual property, at which time it may be either terminated or merged into a more complex mapping project, UMP will discuss possibilities with DK.
13	<b>The proposed Molecular Diagnostics revision project</b>  Participants cannot start work until project is accepted, as no funds will be available. To keep project momentum, RF will look into funding the first meeting in IFCC regi. A meeting will be planned for November.
14	<b>Meeting between C-NPU and IUPAC Division VII members</b>  Douglas Templeton, Michael Schwenk (Div VII president and secretary) and Rita Cornelis joined the C-NPU group for information exchange. Robert and Helle had introduced the NPU work at the IUPAC Division VII meeting on the day before, and this served as a follow-up. There was agreement that the NPU work was of value and should be promoted. It was made clear that all communication on this should follow established channels.
15	<b>Suggestions for new projects</b> <ul style="list-style-type: none"> <li>• A new promotion project is suggested, entailing a regularly updated users guide, and other information and contact information for users. C-NPU should consider asking for help from IFCC or IUPAC Communications and Publications functions.</li> <li>• A project to establish a dedicated NPU website is discussed, RF to chair, UMP to participate, and it might be possible to find a young participant from the field of health informatics - GN, RF, DK will query their networks.</li> </ul>
16	<b>Report on the proposed Steering Committee status</b>  The Div. VII meetings at the AGM has helped clarify the situation, and an agreement and IUPAC signature may be achieved after a few changes to the document and its name.



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	<p>A face-to-face meeting will be planned for September or October 2013. (HMJ to set up a doodle). GN, DK, HMJ, Graham Beastall, René Deplanque and Douglas Templeton should participate, and possibly a representative from Swedish Socialstyrelsen.</p>
17	<p><b>Report on negotiations between IHTSDO and NPU on mapping to SNOMED CT.</b></p> <p>Plans for a mapping agreement must be suspended until IFCC and IUPAC has some contractual arrangement. DK is asked to provide a text on the benefits and consequences of a mapping agreement with IHTSDO, for use in IFCC-IUPAC negotiations.</p>
18	<p><b>Terminological issues</b></p> <ul style="list-style-type: none"><li>• Suggestion for introducing the unit ‘%’ in selected NPU codes is accepted. The character used in the published files will be ‘%’ rather than ‘10<sup>-2</sup>’. To limit the demand each use of the unit % will be decided by a C-NPU subgroup, at present consisting of UMP and GN.</li><li>• New terminological reference for cancer cell types – the NCItthesaurus– suggested and accepted. <a href="http://ncit.nci.nih.gov/ncitbrowser/">http://ncit.nci.nih.gov/ncitbrowser/</a></li></ul>
19	<p><b>Items left for further work after the Linköping meeting 2012</b></p> <ul style="list-style-type: none"><li>• Suggestion for using specific unit expressions with fractions (mg/kg, mmol/mol, ml/l) instead of powers of ten (<math>\times 10^{-6}</math>, <math>\times 10^{-3}</math>). Examples have been circulated and will conflict with the % decision above. Suggestion not approved.</li><li>• Possible collaboration with GS1: GN will suggest the field of laboratory devices as a market for GS1 product identifiers.</li><li>• Top 100 lab concepts with NPU-codes. Good idea for harmonization and promotion projects – but difficult to agree on. No further work to be done for now.</li><li>• Se EN 13606.!</li><li>• NPU on Wikipedia - coming up (RF)</li><li>• Projects are difficult to establish and take years to finish. Minutes of meetings are useless to NPU users.</li></ul> <p>How to communicate C-NPU work to NPU users is discussed. A regularly revised and available ‘NPU User’s Guide’ is needed.</p> <p>Skype NPU meetings twice a year for here-and-now decisions will be tried, one in October 2013, and the next in February or March 2014. UMP will find date and time. No decision on how ‘here-and-now items’ may be communicated to users.</p> <ul style="list-style-type: none"><li>• Decision on term for results of division of values of different dimensions (e.g. mass/substance)? “Coefficient” decided.</li></ul>
	<p>The meeting closed Monday August 12. 2013 at 13:00</p>



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## Appendix

REPORT for project #2004-023-1-700

extended as #2008-019-1-700

entitled :

“Internationally agreed terminology for

examinations in scientific communication“

Task group chair : Françoise Pontet

Task group volunteer secretary : Gunnar Nordin

Task group members : René Dybkaer, Urban Forsum, Xavier Fuentes-Arderiu

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The outcome of this project, the so-called “VIN“ manuscript, had been on public review up to 28th February.

130 comments were provided by 10 reviewers. These comments were carefully compiled by Gunnar, who managed the discussions within our group, introducing all necessary changes within the text each time a new consensus was reached. A very long and heavy workload, which lead to several deadline extensions for resubmission.

The last deadline was finally settled to 15th May, and Françoise resubmitted the new version on 13th May.

ICTNS is supposed to review this resubmitted manuscript during 2 months. Then, the manuscript will certainly undergo further improvements, as we hope this new review will help us solve a number of questions which remain open.

F Pontet

26 July 2013