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## STUDY COMMITTEE B2

### Terms of reference of Working Group B2.48

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| <b>Working Group Title: EXPERIENCE WITH THE MECHANICAL PERFORMANCE OF NEW CONDUCTOR TYPES</b>   |                   |
| <b>Convenor:</b> Brian Wareing (UK)   | <b>Secretary:</b> |
| <b><u>Terms of reference:</u></b><br><br>SCB2 Strategic Plan 2008 – 2017, Strategic Item 2 ‘ <b>Increase Capacities of existing OHL</b> ’<br><br>The key needs of the Target Groups have been identified by AG-06 of SCB2 as the following: - This group will review experience with such conductors and gather all available data on the mechanical performance of the conductors not covered by the “Safe Design Tension” guidelines (Including high temperature conductors). This should include data on self-damping, fatigue performance as well as field experience.<br><br><b><u>Specific Actions to meet the key needs are:</u></b><br><br>Produce a ELECTRA paper or TB by the Paris 2014 meeting and recommendations for further work in a new WG.<br><br><b><u>Major Links with other Groups</u></b><br><br><ul style="list-style-type: none"><li>▶ SCs :- None</li><li>▶ WGs :</li><li>▶ IEEE: - WG on Overhead Conductors</li><li>▶ IEC :- TC11 – MT1 &amp; WG09</li></ul> |                   |
| <b><i>Approval by Technical Committee Chairman: Klaus Fröhlich</i></b><br><b><i>Date: 15/12/2010</i></b>  |                   |