

AGENDA

TECHNICAL MEETING SC B2

Version 2

Monday 29th May 2017
Tuesday 30th May 2017

Venue: Trinity College – Dublin – IRELAND



ROOM: Emmet

Monday 29th May - 09:00 till 17:30
Tuesday 30th May - 09:00 till 11:00

The Technical Meeting will be followed by the Administrative Meeting on Tuesday in the same Room “Emmet”. The start of the Administrative Meeting is scheduled for 11:00.

Information about the B2 meeting including the detailed program can be found on the B2 homepage <http://b2.cigre.org/>

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6		<p><u>CIGRE KMS – Knowledge Management System</u></p> <ul style="list-style-type: none"> • Goal, status, experiences and application of KMS 	tba	
7		<p><u>General presentation of SC B2 Activities and Organisation</u></p> <ul style="list-style-type: none"> • Input from SAG,CAG and TAGs • White paper WG52.53 (Keith Lindsey) – Management guidelines for balancing in-house and outsourced OHTL technical expertise” • <u>White paper WG B2.53 (KEITH LINDSEY) “Management Guidelines for Balancing In-house and Outsourced OHTL Technical Expertise”</u> 	H.Lugschitz	
8		<p><u>Working groups disbanded since Paris 2016</u></p> <ul style="list-style-type: none"> • B2.42: “Guide to the operation of conventional conductor systems above 100°C” (Convener: Mark Lancaster) • WG B2.49: “Safe design tension for conductors fitted with elastomer cushioned suspension units” (Convener: Dave Sunkle) 	H.Lugschitz	
9	15' each 10' discussion	<p><u>Presentations of the coming publications</u></p> <ul style="list-style-type: none"> • WG B2.56: George WATT, “Ground Potential Rise at Overhead AC Transmission Line Structures during Power Frequency Faults” • B2.40: Robert LAKE “Calculation of electric distances between live parts and obstacles for OHL” • B2.45: Hein VOSLOO “Bushfire characteristics and the potential impacts on OHL performance” 	G.Watt Substitute of Rob Lake (tba) H.Vosloo	
10	40' each 10' discussion	<p><u>Tutorials (scheduled for Monday afternoon) (in the afternoon 1st day)</u></p> <ul style="list-style-type: none"> • B2.55: “Conductors for the Uprating of Existing Overhead Lines” (TB expected mid 2017) • B2.52 “The Use of Robotics in Assessment and Maintenance of OHL” 	D. Douglass A.Leblood	

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11	4' each 4' discuss on	<p><u>WG Progress Reports</u></p> <ul style="list-style-type: none"> • B2.23: “Dynamic loadings on Foundations” (report in final stage, expected 2017, Tutorial held in Cape Town 2015) • B2.24: “Qualification of HV and UHV Overhead line supports under static and dynamic loads” (report in final stage, expected 2017, Tutorial held in Cape Town 2015) • B2.40: “Calculation of electric distances between live parts and obstacles for OHL” TB final draft in final stage <u>or item 9</u> TB final draft) • B2.45: “Bushfire characteristics and the potential impacts on OHL performance” (report in progress, final draft in final stage in final sta) <u>or item 9</u> • B2.47 “Remedial action for aged fittings and repair of conductor” – TB is in approval stage. • B2.48 “Experience with the mechanical performance of non-conventional conductors” (TB not published) • B2.50: “Safe handling of fittings and conductors” (TB expected for 2017 – Tutorial after TB) • B2.53: “Management guidelines for outsourcing OHL technical expertise” (Discussion if White Paper instead of TB) • B2.55: “Conductors for the uprating of existing overhead lines”, TB in final stage, TB in final stage, Tutorial in Dublin • B2.56: “Ground potential rise at OH AC transmission line structures during faults” (TB finished, Tutorial expected for 2017) • B2.57: “Survey of operational composite insulator experience and application guide for composite insulators” (TB and tutorial expected 2017) • B2.58: “Vibration modeling of high temperature low sag conductors – Self damping characterisation (TB finished 2018, tutorial after TB) 	<p>Asim Haldar</p> <p>Leon Kempner</p> <p>Substitute of R. Lake (tba)</p> <p>Hein Vosloo</p> <p>Kjell Halsan</p> <p>B. Wareing P. Van Dyke</p> <p>Peter Dulhunty</p> <p>Keith Lindsey</p> <p>Dale Douglass</p> <p>George Watt</p> <p>Tim Codon (nominated by Frank)</p> <p>Giorgio Diana</p>	
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	<ul style="list-style-type: none"> • B2.59: "Forecasting dynamic line ratings" (TB and Tutorial scheduled for 2018) • B2.60: "Affordable overhead transmission lines for sub-Saharan countries" (TB and Tutorial scheduled for 2019) • B2.61: "Transmission line structures with fibre reinforced polymer (FRP) composites" (TB and Tutorial scheduled for 2018) • B2.62: "Design of compact HVDC OHL" (Discussion regarding a book "compact lines" by B2.62 & B2.63) (TB and Tutorial scheduled for 2018) • B2.63: "Compact AC transmission lines" (Discussion regarding a book "compact lines" by B2.62 & B2.63) (TB and Tutorial scheduled for 2018) • B2.64: "Inspection and testing of equipment and training for live-line work on OHTL" (TB and Tutorial scheduled for 2019) • B2.65: "Detection, prevention and repair of sub-surface corrosion in OHL supports, anchors and foundations" (TB and Tutorial scheduled for 2018) • B2.66: "Safe handling and installation guide for high temperature low sag conductors" (TB and Tutorial scheduled for 2019) • B2.67: UNDER APPROVAL "Assessment and testing of wood and alternative material type poles" (TB and Tutorial scheduled for 2020) • JWG C3/B2/B1.13 – Lead by C3, participation by B2-Jarlath Doyle "Environmental issues of HVTL for rural and urban areas" (TB expected after Dublin 2017) • JWG D2/B2.39 – Lead by D2, participation by B2 – Pierre Van Dyke "Design, develop and maintenance of optical cable associated to OHTL" (Status?) • "Simple CIGRE" same as "A need for overhead power lines and their advantages" (Status?) 	<p>Dale Douglass</p> <p>Viven Naidoo</p> <p>Arni Björn Jonasson</p> <p>Javier Iglesias</p> <p>Rob Stephen</p> <p>Viktor Lovrencic</p> <p>Rob Mejjers</p> <p>Vivek T. Chari</p> <p>Ahsan Siddique</p> <p>Jarlath Doyle (for B2)</p> <p>Pierre Van Dyke (for B2)</p> <p>Paul Penserini</p>	
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12	8' each	<p><u>Advisory Group Reports</u></p> <ul style="list-style-type: none"> CAG – Customer Advisory Group SAG – Strategic Advisory Group TAG 04 – Electrical Performance TAG 05 – Tower/Foundation/Insulators TAG 06 – Mechanical behaviour of conductors and fittings TAG 07 – Asset Management – Reliability and availability of OHL PTAG activities Publication of TB” issued in 2016 Publication scheduled 2017/2018 Review of Tutorials and Symposia held/scheduled in 2017 and 2018 	<p>Zibby Kieloch</p> <p>H. Lugschitz J. Iglesias</p> <p>Joao Da Silva</p> <p>Pierre Van Dyke</p> <p>Jarlath Doyle</p> <p>Dale Douglass</p>	
13		<p><u>New WG and future WG</u></p> <ul style="list-style-type: none"> Continue of ex WG B2.44 “Coatings regarding anti-ice, anti-pollution and camouflage (Target is to produce an update on methods and experience with coatings and/or provide basics for a standard) TAG 04 TAG 05 TAG 06 “Sustainability of OHTL – Conductor life assessment and life extension” (Convenor: Cecile 	<p>M. Farzaneh</p> <p>J. Iglesias</p> <p>Joao da Silva</p> <p>Pierre Van Dyke</p>	

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		<p>Roze – TOR finished)</p> <ul style="list-style-type: none"> • TAG 07 <p><u>Future Work</u></p> <ul style="list-style-type: none"> • Cooperation between B2 and C3 (System Environmental Performance) • Paris 2018 – Preferential subjects, JWG B2 and C3 	<p>Jarlath Doyle</p> <p>Ambassador: Pierre Van Dyke</p> <p>H. Lugschitz</p>	
14		<p><u>Other future meetings of interest</u></p> <p>2017</p> <ul style="list-style-type: none"> • Korea - Seoul – <u>26-30. September 2017</u> – Tower design award (in planning) • Paraguay – Ciudad del Este – <u>21-25 May 2017</u> - Encontro Regional Iberoamericano do Cigré, TAG 05 <p>2018</p> <ul style="list-style-type: none"> • France-Paris – End of August 2018 – CIGRE Session and B2 annual meetings <p>2019</p> <ul style="list-style-type: none"> • Japan <u>22/23.April 2019</u> – IEC UHV/EHV colloquium • Denmark – Aalborg – <u>3-7. June 2019</u> - , Symposium B1, B2, B4, C1, C2, C4 “Going offshore – challenges of the future power super grid”, B2 contribution is planned - not yet specified • India – New Delhi – End of November 2019 – SC B” annual meeting <p>2020</p> <ul style="list-style-type: none"> • France-Paris – End of August 2020 – CIGRE Session and B2 annual meetings <p>2021</p> <ul style="list-style-type: none"> • Annual B2 SC meeting – lieu not yet fixed 	<p>Gopal Ji</p> <p>Joao Da Silva</p> <p>H. Lugschitz</p> <p>Taku Yamakawa</p>	
15		<p><u>Miscellaneous – Matters arising</u></p>	<p>all</p>	
16		<p><u>Closure of the Meeting</u></p>	<p>H. Lugschitz</p>	