



SCWP Meeting No. 15

Thursday 16th April 2009

Attendees:

Tony Glazebrook	tie (Chair)	TG	Watson Peat	Scottish Power	WP
Colin Kerr	tie	CK	Roger Walker	BAA	RW
Dr Roger White	Atkins	DRW	Leanne Thomson	Scottish Water	LT
John Riley	Siemens	JPR	Michael Wilken	Siemens	MW

Apologies: Allan Ross – SGN, Ken Drew – Virgin Media, Alan Renton – BT Openreach, Chris Burke – Scottish & Southern, Peter Chalmers – BAA, Ian Kerr – Forth Ports, Bob Bell – tie, Wolfgang Braun – Siemens, John Flett - Scottish Water

Distribution: Attendees, apologies, Steven Bell, Susan Clark, Frank McFadden, Alastair Richards, David Buxton (DB) - CAPCIS

No.	Action/Progress	Who?
15.1	Meetings: It had been agreed that every effort would be made to ensure continuity of attendees.	Note
15.2	Documentation: <ol style="list-style-type: none"> The Siemens list of proposed SC document deliverables was sent to all above by separate email. Some of the list actually comprised programme activities. Siemens will produce and issue by end May 2009 a separate doc showing how their suite of Safety, EMC and SC docs addresses all known SC concerns. Siemens will also provide DRW with an appropriate “cut” from the Hazard Log. DRW will review all of this and determine the adequacy or otherwise of this documentary coverage and feed his conclusions through tie to Siemens. Noted that might best be accomplished through a direct mtg between tie, DRW and Siemens, probably to adjoin the next SCWP meeting. CK will arrange following completion of 15.2.2 above, around the June 2009 SCWP meeting. 	MW DRW CK
15.3	Agreements: <ol style="list-style-type: none"> All Utility reps remained concerned at tie’s withdrawal last year of the “Stray Current Corrosion Control Agreement”. Several Utilities have sent through their specific comments and both Scottish Water and Scottish Power have now commented in relation to the withdrawn document “Stray Current Corrosion Control Agreement”. JF noted that the TEL agreement needs to encompass not only pipes/valves/manholes etc but also stray current issues. tie’s view is that if the wording in the existing and proposed SGN agreement is ok that this could be transferred to the ongoing TEL agreements – otherwise new standalone agreements could be set up. TG is taking this forward within tie. Also TG will study the SGN words and the original PB provisions, digest these 	TG TG

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	<p>into a new proposal and send to all Utils for their consideration; this needs to include provisions for determining the intervention levels.</p> <p>2. Also, to signify agreement to the SC measures being adequate, tie proposed that a simple form be compiled to allow tie, Utility Rep and each Utility to sign following completion of the mitigation verification tests. This is best accomplished by it being a part of the agreements referred to in point 15.3.1 above.</p>	Note
15.4	<p>Utility Rep's Terms of Reference: Utility members have considered the revised ToR and accept that they reflect their present needs. However, references to no. of meetings need revision. CK will revise & reissue.</p>	CK
15.5	<p>Modelling: A modelling study had been delivered by Siemens and it had been presented at the end of the last meeting. DRW fed his comments through to WB after that meeting. Further discussion on the electrochemistry issues will be arranged by CK upon Wolfgang's return.</p>	CK
15.6	<p>Baseline monitoring:</p> <ol style="list-style-type: none"> 1. DRW confirmed that the proposed Siemens monitoring regime would need to be fully defined in their strategy but based on the verbal description provided at the previous meeting it appeared to be a suitable solution. Further, he noted that the act of embedding trackwork in the streets could change stray current paths which could possibly worsen existing stray current levels. 2. tie confirmed that baseline measurements will be done before construction starts in the vicinity of the monitoring points and that the CAPCIS precursor survey work starts next week under the general direction of CK. Noted that Traffic Management needs were considered during these surveys. 3. Data monitoring methodology, sites selection and assessment criteria will need to be agreed with DRW before subsequent monitoring campaigns start. CAPCIS report covering these issues is now with DRW for his consideration. Subsequent measurement campaigns will need to include how to deal with all patterns of tram traffic flow. 4. Sites will be marked up on the Tram route map i.d.c. 5. Expected that the baseline measurements will be completed within approx 4 weeks from start – but this depends on the extent of the need for construction of chambers to house monitoring gear (which has been established during the surveys); CAPCIS are developing their monitoring programme following the completion of surveys for the baseline campaign. This will prioritise measurement activity according to the trackform construction programme. 6. Clear site identification photos will be included in CAPCIS baseline survey report. 	<p>Note</p> <p>Note</p> <p>DRW</p> <p>MW</p> <p>CK/DB</p> <p>CK/DB</p>
15.7	<p>Programme: A programme of stray current activities and associated works is needed. JPR will</p>	

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	progress this with CK, aiming to have a simplified 12 week look-ahead programme extract to be tabled at each SCWP. Whilst the final version can only be issued following tie /BSC's final programme resolution discussions – expected at end April 2009 – a 12-week look-ahead covering main technical stuff (rather than full construction linkages) will be tabled before the next SCWP meeting. CK will issue thereafter.	CK/JPR
15.8	Meeting frequency: Noted that, future meetings will revert to being held 4-weekly.	Note
15.9	Arising concerns: <ol style="list-style-type: none"> <li data-bbox="331 597 1337 700">1. The detail of the insulation around the trackform elements needs to be provided for all variants of trackform. MW will pass to CK who will pass to DRW. <li data-bbox="331 736 1337 804">2. Monitoring points have been chosen carefully to ensure that they cover areas of concern to Utilities. <li data-bbox="331 839 1337 943">3. WB to look at DRW's comments on modelling work which will indicate whether there are further areas of concern for baseline measurement – this will take place within weeks. <li data-bbox="331 978 1337 1046">4. WB also will consider ongoing civils design and determine whether reinforcement provision will affect his modelling work. <li data-bbox="331 1081 1337 1267">5. Siemens' predictions for degraded mode operations (substation outage) have only covered traction power, run time etc, not the consequent effect on stray current. Substation outage duration, depot insulated joint etc issues need consideration. WB had said that these effects were negligible – but the reasoning behind this needs to be included in the SC documentation. <li data-bbox="331 1303 1337 1371">6. Indicative date for track construction start is mid-May. Any arising SC issues will be at tie's risk. 	<p data-bbox="1342 630 1469 660">MW</p> <p data-bbox="1342 736 1469 766">Note</p> <p data-bbox="1342 839 1469 870">WB</p> <p data-bbox="1342 990 1469 1020">WB</p> <p data-bbox="1342 1201 1469 1232">WB</p> <p data-bbox="1342 1303 1469 1333">Note</p>

Next meetings: Thursday 21st May 2009, Thursday 18th June 2009 – both at **tie's** 1st Floor meeting room, Edinburgh Park. Utilities pre-meet with Dr Roger White starts at 10am, main meeting starts at 11am.

Actions from earlier meetings – being updated by Colin Kerr and will be tabled at the next meeting