



## Meeting Notes Noise Liaison Group Meeting No.40



6 November 2014, 10:00 to 11:30

Venue: FRC Project Office, Rosyth

### Attendees:

David Climie	FRC Employer's Delivery Team (EDT) (Chair)
Steven Brown	FRC Employer's Delivery Team (EDT)
Andy Officer	FRC Employer's Delivery Team (EDT)
Andrew Mackay	FRC Employer's Delivery Team (EDT)
Lynsey Wallace	FRC Employer's Delivery Team (EDT)
Dermot Connolly	City of Edinburgh Council (CEC)
David Redden	Fife Council (FC)
Tracy Wyllie	Fife Council (FC)
Marcos Gonzalez	Forth Crossing Bridge Constructors (FCBC)
Colin Goodsir	Forth Crossing Bridge Constructors (FCBC)
Liam Soden	Forth Crossing Bridge Constructors (FCBC)
Ewen MacDonnell	Forth Crossing Bridge Constructors (FCBC)
Mariano Serrano	Forth Crossing Bridge Constructors (FCBC)
Juan Jose Perez	Forth Crossing Bridge Constructors (FCBC)

### Apologies for Absence:

Richard Greer	FRC Employer's Delivery Team (EDT)
Andy Butler	FRC Employer's Delivery Team (EDT)
David Keable	Forth Crossing Bridge Constructors (FCBC)
David Brewster	West Lothian Council (WLC)
Brian Carmichael	West Lothian Council (WLC)
Mike Bland	Marine Scotland (MS)
Fiona MacKintosh	Marine Scotland (MS)
Niall Corbet	Scottish Natural Heritage (SNH)
Carolyn Clark	Scottish Natural Heritage (SNH)

Item	Subject	Description	Action
1	Introductions and Apologies	EDT welcomed all parties to the meeting. Apologies were received from those parties listed above.	
2	Safety Procedures	All present were advised regarding safety and evacuation procedures.	
3	Minutes and Actions from Previous Meeting	The minutes of Meeting No.39 held on 2 October 2014 were agreed. Actions from the previous meeting are as noted below.	
4	Principal Contract	<b><u>Actions from Previous Meeting No. 39</u></b>	
	(i)	Actions were discussed under the separate agenda items below.	

		<b><u>Plans for Control of Noise and Vibration</u></b>	
	(ii)	<p>FCBC advised that the following PCNVs had been submitted in the period:</p> <ul style="list-style-type: none"> <li>• 0010 Mod 27 – North Works Area – Erection of welding tents</li> <li>• 0022 Mod 3c – Marine Structures – Extended hours N1</li> <li>• 0010 Mod 24b – ESQ04 – Erection of Crane</li> <li>• 0010 Mod 29 – FT03 &amp; FT04 – lifting of bridge beams</li> </ul> <p>No issues were raised regarding the above except:- PCNV0022 Mod 3c. Refer to item (iii) below.</p> <p>The following PCNVs are due to be submitted:</p> <ul style="list-style-type: none"> <li>• 0010 Mod 18 – North Works Areas – Approach Viaducts North</li> </ul>	Note
	(iii)	<p>PCNV00022 – Mod 3c – 24hr working Pier N1</p> <p>This PCNV was discussed in relation to the requested extended hours (24 hr working). FCBC gave a detailed presentation on the reasons that 24 hour working is requested, including covering the requirements of the Code of Construction Practice, explaining the specific mitigation measures proposed during the works, and providing feedback from consultations with the owners of nearby properties.</p> <p>The NLG considered the presentation and questioned FCBC regarding its proposed use of rubber mallets and asked that consultation was undertaken with the Queensferry Hotel. The NLG considered that the explanations provided by FCBC regarding the works and justification for extended working hours were sufficient to permit FCBCs request subject to the following:</p> <ul style="list-style-type: none"> <li>• Consultation with the Queensferry Hotel;</li> <li>• The current PCNV is to be withdrawn and a new PCNV submitted – the information within it is not considered to be adequate and the information replaced with that presented at the NLG which is more detailed and relevant. The EDT expressed concern regarding the adequacy of the PCNV when FCBC were able to present a more complete presentation and justification to the NLG at the meeting;</li> <li>• The extended hours are permitted whilst within the cofferdam; and</li> <li>• A one month trial is to be in place for works above the cofferdam.</li> </ul>	FCBC
		<b><u>Monitoring</u></b>	
	(iv)	<p>FCBC advised that a number of maximum noise level threshold exceedances had been recorded as listed below. No specific actions were required by the NLG in relation to the exceedances..</p>	
	(v)	<p>Exceedances had been recorded at Butlaw on 2 nights all associated with the works at Pier S3. These noises were isolated crane noises.</p> <p>Exceedances at Linn Mill on 3 days and 3 nights were a result of movement of materials close to the monitor during the day and concrete wagons travelling on haul road to Pier S3 works at night.</p>	Note

	(vi)	FCBC advised that monitoring had taken place on the Hope Street long weekend works. No exceedances were recorded from the nearest receptor at 2 Shamrock Place (90m from works).	Note
	(vii)	FCBC advised that attended monitoring had taken place for the B800 North works. No construction related exceedances were recorded at additional monitor or Scotstoun permanent monitor and no complaints were received from residents.	Note
	(viii)	FCBC advised that attended monitoring had taken place for the ESQ04 bridge beam lifting. LAMax recorded was a passing vehicle. No Construction related exceedances were recorded at additional monitor or Dundas and Scotstoun permanent monitors.	Note
	(ix)	Monitoring is planned for the night works at North Abutment tents.	FCBC
		<b><u>Community Engagement</u></b>	
	(ix)	FCBC advised that a number of new complaints had been received all from the south side of the estuary.	
	(x)	A complaint regarding night time noise on 06/10/14 0:40 and 17/10/14 at 04:30 relating to a hammering noise; however there were only cleaning activities taking place at S3 in preparation for plug pour and no hammering being carried out.	
	(xi)	<p>A complaint related to noise over the weekend during S3 plug pour. There were no exceedances recorded at Inchgarvie Lodge but there were a number of slight exceedances recorded at Butlaw Fisheries during the night, most likely attributed to crane movements, and a number of exceedances recorded at Linn Mill monitor during the night period attributed to empty concrete wagons en-route back to batching plant.</p> <p>The resident advised that the main complaint was not being informed of the works. The resident advised that they knew the nature of the works and why they were necessary to be carried out over a weekend. FCBC advised that a specific notification was not provided as it was considered that the works would not have an impact.</p>	
	(xii)	Two residents of Echline complained about cracks at their property. FCBC noted that attended monitoring was undertaken the day that the reports were received. Although no exceedance of contract levels were recorded, FCBC have confirmed that the roller which was in use at the time and as per the PCNV it was not used for more than 1 hr at any time. A structural engineer has visited the properties and issued a report. Vibration levels were below levels that could cause structural damage and the cracks are cosmetic rather than structural. It cannot be confirmed whether the cracks have been caused by the works. FCBC to monitor as works continue and re-assess as necessary.	FCBC
5	Next Meeting	The next meeting (No.41) will be held on 4th December 2014, 10am at the Ferrytoll site office.	
6	Any Other Business	None	