SNC·LAVALIN
Constructors Pacific

Date: Friday, March 11, 2016   Time: 10:30AM to 12:30PM
Subject: Systems Integration Review Board: Communications System Testing Flowchart
Location: s.15

Attendees: Simon Hunkin, Cameron Marr (phone), John Selke (phone), Gabe VanDerBerg, Jason Young, Claire de Weerdt, Sun Fang, Alan Sullivan, Raymond Louie, David Todtmann, Norm Langerhorst, Valerie Roberts

Distribution: Attendees , Ricco Lee, David Grabowski, So'n Lamson, Justin Pedley, Paul Lafleur, Dave Ward, Ian Fisher, Sun Fang, Bill Wilmot, Alan Hazlewood, Yad Rana, Khalid Majeed, Jason Janz, Brad Mackenzie, David Leigh, Aaron Marella , Stephen Harmer , Novak Apic, Ron Keenan, Sarah Rocchi, Melanie Robinson

Call-in Instructions: s.15,s.17

Meeting Notes

Item#	Action	Person	Date
1.0 OTN/Fiber/FOCS – Updated 11 March			
1.1	Follow-up with AS or SF to determine if the document will be official submitted. SF indicated that fiber 497 is not acceptable from the Province and will be replaced by one that Jason Young is currently working on.	SF	Mar 25
1.2	GVdB noted that Translink will perform regression testing on permanent FOCS/FLSS connection in order of 2 points location. This is to be scheduled in the 3Q of 2016. Faregate and FLSS SIT can be coordinated with this activity.	GVDB	Aug 2016
2.0 WMS – Updated 11 March			
2.1	Continuous Operating Testing is ongoing until early March. SIT to resume mid-March	VR	Mar 25
2.2	VR to confirm that FCVM/WMS SIT is to be completed at LH and if support is needed from EGRT.	VR	Mar 25
2.3	EGRT and Translink to discuss Translink Integration in a separate workshop.	SH	Mar 24
3.0 FLSS – Updated 11 March			
3.1	• =LH SIT to be completed by March 22. BQZ and LHZ to be completed by March 24th. Review meeting to be held on March 10th. • CM to ensure local testing feasible in advance of review meetings. FMI to be issued for reconfiguration. CM indicated that this is feasible from the local end. DT to confirm that is possible from OMC end. CM and JY to review. • BQ test issues list (by Allegro) provided to EGRT. EGRT to review and correct any outstanding EGRT issues prior to Translink integration. • FMI for reconfiguration to be issued	CM	Mar 25
4.0 CCTV – Updated 11 March			
4.1	• The video wall upgrade is on schedule and to be completed for March 2016. Translink to advise if support from EGRT is required. • Handover package is addressed in a separate meeting		Mar 25

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Item#	Action	Person	Date
	• CM noted that the BCRTC migration of services needs to be better defined.		
	• Deficiencies to be completed by end of March.		
5.0 PA – Updated 15 Jan			
6.0 PIDS – Updated 11 March			
6.1	PIDS/SEEIP to be s.17.s.21 s.17.s.21	Info	Mar 25
7.0 TIDS – Updated 19 June			
7.1	There are currently 3 stand-alone systems in which the procedure is to test if TIDS work for the platform. • Integration with FLSS • Integration with ATC . Meeting to be held to review TIDS HMI and OMC Integration. This meeting is scheduled for the week of March 14th	Info	Mar 25
8.0 TRIMS– Updated 11 March			
8.1	TRIMS-PA SAT still to come. EGRT to submit procedure in early April	CM	Mar 31
9.0 Radio – Updated 11 March			
9.1	• BQZ/FCZ planned for March 14. Power and Electronic technicians to be involced. • CM is currently reviewing regression testing for TRIMS/PA interface to support LHS.	Info	Mar 25
10.0 Tunnel Ventilation – Updated 11 March			
10.1	• ICD to be finalized. CM issued list of hardware addresses for inclusion into ICD for IC TVS only. Allegro has decided not to update the ICD, but to manage the addresses in their database. EGRT is to address communication link. • Province inquired if some of the TL SIT can be expedited in advance of completion in the bored tunnel. Informal Translink testing may proceed in parallel with EGRT SAT of motors and PCL. • EGRT to record any configuration change done by Tyco	GvDB	Mar 25
10.2	• IC TVS: Translink will provide draft database as a tool for EGRT FACP/TVS SIT. Tyco to support this test in the field to modify software if required. • EGRT to include revision in test report. EGRT to provide test procedure for hardwired points by March 11		Mar 25

Prepared by: Fawnia Robitaille

Reviewed by: Simon Hunkin, Cameron Marr

Next Meeting: (Friday, March 25, 2016) 1030am-12pm

The above is considered to be a true and accurate record of discussions at the meeting. Please advise the writer of any discrepancy noted within 7 days of issue.

SNC·LAVALIN
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Date: March 24, 2016   Time: 10:30AM to 12:30PM

Subject: Systems Integration Review Board: Communications System Testing Flowchart

Location: s.15

Attendees: Simon Hunkin, Jason Young, Claire de Weerdt (phone), Sun Fang (phone), Alan Sullivan, Raymond Louie, Norm Langerhorst, Valerie Roberts (phone), Sarah Rocchi (phone), Ricco Lee

Distribution: Attendees, David Grabowski, So'n Lamson, Justin Pedley, Paul Lafleur, Dave Ward, Ian Fisher, Bill Wilmot, Alan Hazlewood, Yad Rana, Khalid Majeed, Jason Janz, Brad Mackenzie, David Leigh, Aaron Marella , Stephen Harmer , Novak Apic, Ron Keenan, Melanie Robinson, Cameron Marr, John Selke, Gabe VanDerBerg, David Todtmann

Call-in Instructions: s.15,s.17

Meeting Notes

Item#	Action	Person	Date
1.0 OTN/Fiber/FOCS – Updated 11 March			
1.1	Follow-up with AS or SF to determine if the document will be official submitted. SF indicated that fiber 497 is not acceptable from the Province and will be replaced by one that Jason Young is currently working on.	SF	Mar 25
1.2	GVdB noted that Translink will perform regression testing on permanent FOCS/FLSS connection in order of 2 points location. This is to be scheduled in the 3Q of 2016. Faregate and FLSS SIT can be coordinated with this activity.	GVDB	Aug 2016
2.0 WMS – Updated 11 March			
2.1	Continuous Operating Testing is ongoing until early March. SIT to resume mid-March	VR	Mar 25
2.2	VR to confirm that FCVM/WMS SIT is to be completed at LH and if support is needed from EGRT.	VR	Mar 25
2.3	EGRT and Translink to discuss Translink Integration in a separate workshop.	SH	Mar 24
3.0 FLSS – Updated 11 March			
3.1	• =LH SIT to be completed by March 22. BQZ and LHZ to be completed by March 24th. Review meeting to be held on March 10th. • CM to ensure local testing feasible in advance of review meetings. FMI to be issued for reconfiguration. CM indicated that this is feasible from the local end. DT to confirm that is possible from OMC end. CM and JY to review. • BQ test issues list (by Allegro) provided to EGRT. EGRT to review and correct any outstanding EGRT issues prior to Translink integration. • FMI for reconfiguration to be issued	CM	Mar 25
4.0 CCTV – Updated 11 March			
4.1	• The video wall upgrade is on schedule and to be completed for March 2016. **Translink to advise if support from EGRT is required.** • Handover package is addressed in a separate meeting • CM noted that the BCRTC migration of services needs to be better defined.		**Mar 25**

Item#	Action	Person	Date
	• Deficiencies to be completed by end of March. • Bruce Elliot will perform cutover to support LHS handover		
5.0 PA – Updated 15 Jan			
6.0 PIDS – Updated 11 March			
6.1	PIDS/SEEIP to be s.17, s.21 s.17, s.21	Info	Mar 25
7.0 TIDS – Updated 19 June			
7.1	There are currently 3 stand-alone systems in which the procedure is to test if TIDS work for the platform. • Integration with FLSS • Integration with ATC . Meeting to be held to review TIDS HMI and OMC Integration. This meeting is scheduled for the week of March 14th	Info	Mar 25
8.0 TRIMS- Updated 11 March			
8.1	TRIMS-PA SAT still to come. EGRT to submit procedure in early April	CM	Mar 31
9.0 Radio – Updated 11 March			
9.1	• BQZ/FCZ planned for March 14. Power and Electronic technicians to be involved. • CM is currently reviewing regression testing for TRIMS/PA interface to support LH	Info	Mar 31
10.0 Tunnel Ventilation – Updated 11 March			
10.1	• ICD to be finalized. **CM issued list of hardware addresses for inclusion into ICD for IC TVS only. Allegro has decided not to update the ICD, but to manage the addresses in their database. EGRT is to address communication link.** • **Province inquired if some of the TL SIT can be expedited in advance of completion in the bored tunnel. informal Translink testing may proceed in parallel with EGRT SAT of motors and PCL.** • **EGRT to record any configuration change done by Tyco**	GvDB	Mar 25
10.2	• **IC TVS: Translink will provide draft database as a tool for EGRT FACP/TVS SIT. Tyco to support this test in the field to modify software if required.** • **EGRT to include revision in test report. EGRT to provide test procedure for hardwired points by March 11**		Mar 25
11.0 New Business – 24 March			
11.1	WMS list of points to be "blinded" following LHS hnadover has been sent to VR for review	Info	Mar 31
11.2	CM currently working on the skytrain operation manual redlines. EGRT to issue in handover package	CM	Mar 31
11.3	**Translink/BCRTC has requested all of the west corridor and the East Acer. EGRT to plan an orientation after March 31 for electrical/mechanical. SH to coordinate with Ed Harrington and Sarah**		

Item#	Action	Person	Date
	Rocchi		
11.4	**NL has requested drawings of all handed over equipment to be left in EER**	**Info**	**Apr 8**

Prepared by: Fawnia Robitaille

Reviewed by: Simon Hunkin, Cameron Marr

Next Meeting: (Friday, April 8, 2016) 1030am-12pm

The above is considered to be a true and accurate record of discussions at the meeting. Please advise the writer of any discrepancy noted within 7 days of issue.

SNC·LAVALIN
Constructors Pacific

Date: April 8, 2016   **Time: 10:30AM to 12:30PM**
Subject: Systems Integration Review Board: Communications System Testing Flowchart
Location: s.15

Attendees: Simon Hunkin, Jason Young, Sun Fang, Alan Sullivan, Raymond Louie, Valerie Roberts, Sarah Rocchi, Cameron Marr, John Selke (phone), Gabe VanDerBerg, Angeles de Guzman Fremes, Ed Harrington (phone)

Distribution: Attendees, David Grabowski, So'n Lamson, Justin Pedley, Paul Lafleur, Dave Ward, Ian Fisher, Bill Wilmot, Alan Hazlewood, Yad Rana, Khalid Majeed, Jason Janz, Brad Mackenzie, David Leigh, Aaron Marella, Stephen Harmer , Novak Apic, Ron Keenan, Melanie Robinson, David Todtmann, Claire de Weerdt, Ricco Lee, Norm Langerhorst

Call-in Instructions: s.15, s.17

Meeting Notes

Item#	Action	Person	Date
1.0 OTN/Fiber/FOCS – Updated 8 April			
1.1	GVdB noted that Translink will perform regression testing on permanent FOCS/FLSS connection in order of 2 points location. This is to be scheduled in the 3Q of 2016. **Faregate and FLSS SIT can be coordinated with this activity.**	GVDB	Aug 2016
2.0 WMS – Updated 8 April			
2.1	**Continuous Operating Testing is ongoing until early March. Translink SIT to resume in May**	VR	Mar 25
2.2	**VR to confirm that FCVM/WMS SIT is to be completed at LH and if support is needed from EGRT.**	VR	Mar 25
3.0 FLSS – Updated 8 April			
3.1	• **LH SIT completed on March 22. BQS and LHZ completed on March 24. GvdB to issue Translink SIT report.**	CM	Mar 25
3.2	• **Translink SIT to resume in May. SH to provide SIT dates at April 22nd meeting.**	SH	Apr 22
4.0 CCTV – Updated 8 April			
4.1	• **Video wall upgrade has been completed** • **Bruce Elliot will perform cutover to support LHS handover**		**Mar 25**
4.2	• **Video wall/FLSS/WMS software integration contract underway by Translink. Estimated completion in June 2016. LH Millenium Line integration tests (CCTV/WMS) planned for June. Evergreen camera integration could be confirmed concurrently.**	**SH**	**Apr 30**
4.3	• **SH to advise if TIDS/camera integration will be complete by June 2016. If so, Translink may choose to move WMS sit to June to combine WMS SIT and WMS/CCTV integration. Translink to review integration schedule and advise by May 6**	**SH**	**May 6**
5.0 PA – Updated 8 April			
5.1	**All PA works to support FLSS integration will be completed by end of April**		**Apr 30**
6.0 PIDS – Updated 8 April			

Item#	Action	Person	Date
6.1	PIDS/SEEIP to be s.17,s.21 s.17,s.21	Info	Mar 25
7.0 TIDS – Updated 8 April			
7.1	There are currently 3 stand-alone systems in which the procedure is to test if TIDS work for the platform. • Integration with FLSS • Integration with ATC Meeting held to review TIDS HMI and OMC Integration. EGRT will install temporary console at BQS.	Info	Mar 25
7.2	**BCRTC is requesting HMI simulation software**	CM	Apr 22
7.3	**WMS list of points to be "blinded" following LHS handover has been sent to VR for review**	Info	Mar 31
8.0 TRIMS- Updated 8 April			
8.1	• **TRIMS-PA SIT still to come. EGRT to submit revised PA SIT procedure in early April.** • **CM confirmed TRIMS/PA interface is working properly at LHS.** • **EGRT/Translink to review implementation in bi-weekly technical meeting (Expo versus Millenium line methodology)**	CM	Mar 31
8.2	• **CM noted that the Translink integration testing is required between MIS and TRIMS. Dave Ward is reviewing. JY to advise if EGRT support is required.**	JY	Apr 22
9.0 Radio – Updated 8 April			
9.1	• **Above ground testing substantially complete.**	Info	Apr 22
10.0 Tunnel Ventilation – Updated 8 April			
10.1	• ICD to be finalized. **CM issued list of hardware addresses for inclusion into ICD for IC TVS only. Allegro has decided not to update the ICD, but to manage the addresses in their database.**	GvDB	Mar 25
	• **Translink SIT procedure issued and comments received from EGRT. EGRT local SIT procedure to be issued by April 15**	SH/CM	Apr 15
10.2	• **IC TVS: Translink will provide draft database as a tool for EGRT FACP/TVS SIT by April 15th**	GvdB	Apr 15

Prepared by: Fawnia Robitaille

Reviewed by: Simon Hunkin, Cameron Marr

Next Meeting: (Friday, April 22, 2016) 1030am-12pm

The above is considered to be a true and accurate record of discussions at the meeting. Please advise the writer of any discrepancy noted within 7 days of issue.