

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining ...  
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 ◊ Finish Constraint

**3-Month Rolling Programme Update, 01 July 2017**

RAB5			
Date	Revision	Checked	Approved
01-Jul-17	3-Month Rolling Programme, 01 Jul-17 Update	SGJ	



Activity ID	Activity Name	June 2017				July 2017				August 2017				September 2017				October 2017		
		04	11	18	25	02	09	16	23	30	06	13	20	27	03	10	17	24	01	08
RAB-BEE-0100	021 - Registered Energy Assessor Inspection & Certification																			
RAB-BEE-0110	021 - Submit REA Certification to EDMS																			
RAB-BEE-0120	021 - EDMS Issue of Cert of Compliance Registration (COCR)																			
<b>Dangerous Goods Licence</b>																				
RAB-21-0300	021 - Submit License Applications																			
RAB-21-0350	021 - DG Licence Inspection & Processing																			
RAB-21-0360	021 - Issue DG Licence																			
<b>Fire Servives Department (VAC)</b>																				
RAB-FSD-810	021 - Submit Form 314 to FSD																			
RAB-FSD-820	021 - Submit Form 501 to FSD																			
RAB-FSD-300	021 - FSD Inspection Period																			
<b>Engineer (AECOM)</b>																				
<b>Building 022 - Customs Detective Dog Base Building</b>																				
<b>Excavation</b>																				
<b>Raft Foundations</b>																				
<b>Structure</b>																				
<b>Walls &amp; Columns</b>																				
<b>Roof Slab</b>																				
<b>North Structure</b>																				
<b>Cure and Strip</b>																				
<b>Middle Structure</b>																				
<b>Cure and Strip</b>																				
<b>South Structure</b>																				
<b>Cure and Strip</b>																				
<b>ABWF/E&amp;M</b>																				
<b>Internal Finishes</b>																				
<b>North</b>																				
<b>Degree 1</b>																				
RAB-22-8205	022 - Blockwork Walls & Partition																			
RAB-22-8215	022 - Plastering/Rendering																			
RAB-22-8225	022 - MEP 1st Fix																			
RAB-22-8665	022 - Screeding																			
RAB-22-8285	022 - Undercoat																			
RAB-22-0680	022 - Access for C3 Cable containment																			
RAB-22-0670	022 - Access to C3 Cabling Works***																			
RAB-22-0660	022 - ABWF and MEP works to Degree 1 (KD5A),																			
<b>Degree 2</b>																				
RAB-22-0855	022 - Frame for Wall Panel & Cladding																			
RAB-22-0895	022 - MEP 2nd Fix																			
RAB-22-0885	022 - Door Frame & Louvers																			
RAB-22-0910	022 - Power On																			
RAB-22-0860	022 - ABWF and MEP works to Degree 2 (KD5B)																			
RAB-22-0905	022 - Access for C3 Equipment Installation at ELV & MDP***																			
<b>Degree 3</b>																				
RAB-22-8535	022 - Floor Tiling + Floor Finishes (for Early Handover Rooms)																			
RAB-22-8395	022 - Wall Tiling																			
RAB-22-0865	022- Ceiling Frame																			
RAB-22-8255	022 - Ceiling Finish Compl.																			
RAB-22-8245	022 - Glazing																			
RAB-22-8365	022 - Floor Finish Other Than Act. No. RAB-22-8535																			
RAB-22-8275	022 - MEP Final Fix																			

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		04	11	18	25	02	09	16	23	30	06	13	20	27	03	10	17	24	01	08
RAB-22-0870	022 - MEP Balance of Works																			
RAB-22-8265	022 - Door Panel & Ironmongery																			
RAB-22-8545	022 - Early Handover Rooms Ready for End Users***																			
RAB-22-8295	022 - Snagging and Remedials (Bldg. Internal)																			
RAB-22-0980	022 - End Users and MOM Handover Inspection																			
RAB-22-0950	022 - ABWF and MEP works to Degree 3 (KD5C)																			
<b>External Finishes</b>																				
<b>Facade</b>																				
RAB-22-0470	022 - External Painting, Tiling & Cladding																			
RAB-22-0710	Snag Listing - Bldg. External & External Works																			
<b>At Grade</b>																				
RAB-22-2100	022 - Prepare Sub Grade																			
RAB-22-2110	022 - Laying Geo Textile																			
RAB-22-2120	022 - Lay Granular Sub-Base																			
RAB-22-2130	022 - Laying Course																			
RAB-22-2170	022 - Landscaping for Outdoor Excise Lawn																			
RAB-22-2140	022 - Concrete Block Paving																			
RAB-22-2150	022 - Concrete Paver Grouting Works																			
<b>Roof Finishes - North</b>																				
RAB-22-0400	022 - Top Screed																			
RAB-22-0460	022 - Install Roof Tiles																			
RAB-22-0530	022 - Install Railing																			
RAB-22-0540	022 - Install Cat Ladder and Roof Hatch																			
RAB-22-0720	022 - Make good external surfaces																			
<b>Specialist Installations</b>																				
RAB-22-0990	022 - Kennels Installation (42No)																			
RAB-22-1050	022 - Install HR and SPR Glass Reinforced Polyester Water Tanks (																			
RAB-22-0550	022 - Small Glass Canopy South Entrance																			
<b>Window Wall</b>																				
RAB-22-7020	022 - Complete Formwork Stripping to Roof Level																			
RAB-22-7030	022 - Install Primary Steelwork for Window Wall																			
RAB-22-7040	022 - Install Secondary Steelwork for Window Wall																			
RAB-22-7050	022 - Glazing to Window Wall																			
<b>Dog Swimming Pool</b>																				
RAB-22-0480	022 - Waterproofing																			
RAB-22-0600	022 - Tiling to Dog Swimming Pool																			
RAB-22-0490	022 - Backfill to ground level at Dog Swimming Pool																			
RAB-22-0640	022 - Plumbing and filtration systems																			
RAB-22-0630	022 - Metalworks and Railings																			
RAB-22-0700	022 - Snagging and Remedials - Dog Pool																			
<b>Utilities and Drainage</b>																				
RAB-22-8095	022 - Construct Permanent Drainage and Manholes																			
RAB-22-8135	022 - Install FS Water main																			
RAB-22-8115	022 - Install Flushing Water Mains																			
RAB-22-8105	022 - Install Fresh Water Mains																			
RAB-22-8125	022 - Utilites and Common Telecom Ducting																			
<b>Testing &amp; Commissioning</b>																				
RAB-TC22-1000	022 - T&C (HVAC, FS, P&D, OTHERS)																			
<b>Statutory Submissions &amp; Approvals (Day 670 Completion)</b>																				
<b>BBE0</b>																				

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RAB-BEE-120	022 - Registered Energy Assessor Inspection & Certification																			
RAB-BEE-130	022 - Submit REA Certification to EDMS																			
RAB-BEE-140	022 - EDMS Issue of Cert of Compliance Registration (COCR)																			
<b>Water Supplies Department (WSD)</b>																				
<b>Commencement</b>																				
<b>Completion</b>																				
RAB-WSD-804	022 - Submit WWO 46 Pt. IV																			
RAB-WSD-254	022 - WSD's Processing/Inspection/Meter Connection																			
RAB-WSD-264	022 - Permanent Water ON/WSD Issue WWO 46 Part V Cert & Wa																			
<b>Fire Services Department (VAC)</b>																				
RAB-FSD-850	022 - Submit Form 314																			
RAB-FSD-860	022 - Submit Form 501																			
<b>Fire Services Water (FS)</b>																				
<b>Commencement</b>																				
<b>Completion</b>																				
RAB-FSD-994	022 - Submit Form 314																			
RAB-FSD-895	022 - Submit WWO 46 Pt. IV, FS																			
RAB-FSD-984	022 - Submit WWO 46 Pt. V, FS																			
RAB-FSD-320	022 - Submit Form 501, FS																			
RAB-FSD-330	022 - FSD Inspection Period, FS																			
<b>Engineer (AECOM)</b>																				
RAB-22-2220	022 - Submit Building 022 As Built Drawings to Engineer																			
<b>Building 023 - C&amp;ED Outbound Cargo Examination Building and Examination PI</b>																				
<b>Excavation</b>																				
<b>Raft Foundations - Inspection Platform</b>																				
<b>Raft Foundations - Main Building</b>																				
<b>Structure</b>																				
<b>Ground Floor</b>																				
<b>Planters</b>																				
RAB-23-6140	023 - Construct North Planter Box and Ramp																			
RAB-23-6230	023 - Construct South Planter Box and Ramp																			
<b>Supporting Walls and Columns to +12.85mPD</b>																				
<b>First Floor</b>																				
<b>Cure and Strip</b>																				
<b>Supporting Walls and Columns to +17.1mPD</b>																				
<b>Roof</b>																				
<b>Cure and Strip</b>																				
<b>Supporting Walls and Columns to +19.1mPD</b>																				
<b>Lift Doghouse</b>																				
<b>Cure and Strip</b>																				
<b>ABWF/E&amp;M</b>																				
<b>Internal Finishes</b>																				
<b>Ground Floor</b>																				
<b>Degree 1</b>																				
RAB-23-5420	023 - Construct Blockwork Walls to G/F																			
RAB-23-5430	023 - Plastering & Undercoat, G/F																			
RAB-23-5470	023 - MEP 1st Fix, G/F																			
023 -23-5430	023 - Screeding, G/F																			
<b>Degree 2</b>																				
RAB-23-5860	023 - MEP 2nd Fix, G/F																			
RAB-23-5610	023 - Frame for Wall Panel & Cladding + Louver, G/F																			
RAB-23-5670	023 - Access to C3, C6 & C7 For Equip. Installation***, G/F																			

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<b>Degree 3</b>																				
RAB-23-6320	023 - Ceiling Paint Finish, G/F																			
RAB-23-5930	023 - Wall Finish - Paint & Tile, G/F																			
RAB-23-6220	023 - Floor Finish Other Than Carpet, G/F																			
RAB-23-6380	023 - MEP Final Fix, G/F																			
RAB-23-6080	023 - Glazing, G/F																			
RAB-23-5760	023 - Ceiling Frame, G/F																			
RAB-23-6410	023 - Ceiling Plaster Board, G/F																			
RAB-23-5660	023 - Door Frame/Panel & Ironmongery, G/F																			
RAB-23-6180	023 - Floor Carpet Finish, G/F																			
RAB-23-6190	023 - Access to End Users, KD3C' - C3, C6 & C7 (Flr. Level Change)																			
<b>First Floor</b>																				
<b>Degree 1</b>																				
RAB-23-8055	023 - Construct Blockwork Walls, G/F - 1/F North (932m³), 1/F																			
RAB-23-8065	023 - Plastering & Undercoat, 1/F																			
RAB-23-8075	023 - MEP 1st Fix, 1/F																			
RAB-23-8215	023 - Screeding, 1/F																			
RAB-23-8345	023 - C3, C6 & C7 Cabling***, 1/F																			
<b>Degree 2</b>																				
RAB-23-8125	023 - MEP 2nd Fix, 1/F																			
RAB-23-8085	023 - Frame for Wall Panel & Cladding + Louver, 1/F																			
RAB-23-5790	023 - ABWF and MEP works to Degree 2 for others (KD3B) 1/F																			
RAB-23-8235	023 - Power On																			
RAB-23-8115	023 - Access for C3 for Equip. Instln***, 1/F, KD3D Target to Achieve																			
<b>Degree 3</b>																				
RAB-23-8135	023 - Ceiling Paint Finish, 1/F																			
RAB-23-8175	023 - Wall Finish - Paint & Tile, 1/F																			
RAB-23-8205	023 - Floor Finish Other Than Carpet, 1/F																			
RAB-23-8165	023 - MEP Final Fix, 1/F																			
RAB-23-8145	023 - Glazing, 1/F																			
RAB-23-8105	023 - Ceiling Frame, 1/F																			
RAB-23-8265	023 - MEP Balance of Works																			
RAB-23-8195	023 - Floor Carpet Finish, 1/F																			
RAB-23-8185	023 - Ceiling Plaster Board, 1/F																			
RAB-23-8155	023 - Door Panel/Ironmongery & Glass Baluster, 1/F																			
RAB-23-5970	023 - ABWF and MEP works to Degree 3 (KD3E)																			
RAB-23-2290	023 - Snag Listing & Remedial Works - Building Internal																			
RAB-23-8255	023 - ABWF and MEP works to Degree 3 - Remaining Area- 1/F																			
RAB-23-6040	023 - End Users and MOM Handover Inspection																			
RAB-23-8225	023 - Early Handover Rooms Ready to End Users***, KD3C Target t																			
<b>Roof Level Dog House</b>																				
RAB-23-6150	023 - ABWF and MEP works to Degree 1 R/F																			
RAB-23-6280	023 - ABWF and MEP works to Degree 2 R/F																			
RAB-23-6340	023 - ABWF and MEP works to Degree 3 R/F																			
<b>External Finishes</b>																				
<b>Facade</b>																				
RAB-23-5560	023 - External Render																			
RAB-23-5590	023 - External Tiling																			
RAB-23-5650	023 - External Painting																			
RAB-23-5990	023 - Dismantle Scaffolding																			

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RAB-23-6160	023 - Make good external surfaces																			
<b>At Grade</b>																				
RAB-23-5740	023 - Prepare Sub Grade																			
RAB-23-5820	023 - Laying Geo Textile																			
RAB-23-5910	023 - Lay Granular Sub-Base																			
RAB-23-5940	023 - Laying Course																			
RAB-23-6050	023 - Concrete Block Paving																			
RAB-23-6110	023 - Grouting Works to Concrete Pavers																			
<b>Window Wall</b>																				
<b>East</b>																				
RAB-23-6810	023 - Install Primary Steelwork for Window Wall - E																			
RAB-23-6820	023 - Install Secondary Steelwork for Window Wall - E																			
RAB-23-6830	023 - Glazing to Window Wall - E																			
<b>West</b>																				
RAB-23-6840	023 - Install Primary Steelwork for Window Wall - W																			
RAB-23-6850	023 - Install Secondary Steelwork for Window Wall - W																			
RAB-23-6860	023 - Glazing to Window Wall - W																			
<b>Roof Finishes</b>																				
RAB-23-5500	023 - Leveling screed																			
RAB-23-5550	023 - Waterproof membrane																			
RAB-23-5620	023 - Top Screed																			
RAB-23-5920	023 - Install Railing																			
<b>Green Roof</b>																				
RAB-23-5720	023 - Install green Roof Irrigation Systems																			
RAB-23-5900	023 - Complete Green Roofing Works																			
<b>Specialist Installations</b>																				
RAB-23-6270	023 - Install Lift (1 nos)																			
RAB-23-6010	023 - Installation of Roller Shutter Header Boxes (x 3)																			
RAB-23-7310	023 - Install Glazed Entrance Canopy																			
RAB-23-6250	023 - Installation of Roller Shutter Curtain (x3)																			
<b>PV Installation</b>																				
RAB-23-6350	023 - Install Supporting Frame and PV panel																			
RAB-23-6360	023 - Cable containment and grid cable wiring																			
RAB-23-6390	023 - Sub-array junction box installation & Connection																			
RAB-23-6400	023 - DC cable wiring from PV panel to EL room																			
<b>Steel Canopy</b>																				
RAB-23-6170	023 - Install Steel Support Columns																			
RAB-23-6200	023 - Install Primary Steelwork																			
RAB-23-6240	023 - Install Secondary Steelwork																			
RAB-23-6290	023 - Install Metal Cladding Panels																			
RAB-23-6310	023 - Install Misc Metalworks																			
<b>Utilities and Drainage</b>																				
RAB-23-7975	023 - Construct Permanent Drainage, Manholes & Draw Pits																			
RAB-23-7985	023 - Utilities and Common Telecom Ducting																			
RAB-23-7995	023 - Install Flushing Water Mains																			
RAB-23-8005	023 - Install Fresh Water Mains																			
RAB-23-8015	023 - Install FS Water Mains																			
<b>Testing &amp; Commissioning</b>																				
RAB-TC23-1000	023 - T&C (HVAC, FS, P&D, OTHERS)																			
RAB-TC23-1010	023 - T&C (Lift)																			

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RAB-TC23-1015	023 - PV Self-test with Engineer																			
RAB-TC23-1020	023 - PV On-Grid inspection with CLP																			
<b>Statutory Submissions &amp; Approvals (Day 610 Completion)</b>																				
<b>BEE</b>																				
RAB-BEE-150	023 - Registered Energy Assessor Inspection & Certification																			
RAB-BEE-160	023 - Submit REA Certification to EDMS																			
RAB-BEE-170	023 - EDMS Issue of Cert of Compliance Registration (COCR)																			
<b>EMSD - Building 023 Lift Inspection</b>																				
RAB-FSD-170	023 - Submit EMSD Form 3 (Commencement of Lift Installation)																			
RAB-FSD-180	023 - Submit EMSD Form 5 (Completion of Lift Installation)																			
RAB-FSD-190	023 - EMSD Lift Inspection																			
<b>Water Supplies Department (WSD)</b>																				
<b>Commencement</b>																				
<b>Completion</b>																				
RAB-WSD-774	023 - Submit WWO 46 Pt. IV for Building 023																			
RAB-WSD-107	023 - WSD Inspection/Meter Connection																			
RAB-WSD-109	023 - Permanent Water ON/WSD Issue WWO 46 Part V - Water C																			
<b>Fire Servives Department (VAC)</b>																				
RAB-FSD-890	023 - Submit Form 314																			
RAB-FSD-900	023 - Submit Form 501																			
<b>Fire Services Department (FSD)</b>																				
<b>Commencement</b>																				
<b>Completion</b>																				
RAB-FSD-138	023 - Submit Form 314																			
RAB-FSD-108	023 - Submit WWO 46 Pt. IV for Building 023																			
RAB-FSD-112	023 - Issue WWO 46 Part V																			
RAB-FSD-122	023 - Submit Form 501																			
RAB-FSD-110	023 - FSD Inspection Period For Building 023																			
RAB-FSD-290	023 - Issuance of FS 172, FS Certificate of Compliance																			
<b>Engineer (AECOM)</b>																				
<b>Building 025 - Inbound Private Car Annexure</b>																				
<b>Excavation</b>																				
<b>Raft Foundations</b>																				
<b>Structure</b>																				
<b>Walls &amp; Columns</b>																				
<b>Roof Slab</b>																				
<b>Cure and Strip</b>																				
<b>ABWF/E&amp;M INTERNAL FINISHES</b>																				
<b>INTERNAL FINISHING WORKS</b>																				
<b>Degree 1</b>																				
RAB-25-7490	025 - Floor Screed																			
RAB-25-7400	025 - MEP 1st Fix																			
RAB-25-7390	025 - Plastering & Under Coat																			
<b>Degree 2</b>																				
RAB-25-7430	025 - MEP 2nd Fix																			
RAB-25-7450	025 - Frame for Wall Panel & Cladding																			
RAB-25-7570	025 - Raised Floor Pedestal																			
RAB-25-7560	025 - Access C3, C6 & C7 Equip. Installation***																			
RAB-25-7350	025 - Power On Available																			
RAB-KD6B10	KD6B - Projected achievement of Stage 6B of the Works																			
<b>Degree 3</b>																				
RAB-25-7470	025 - Ceiling Painting & Ceiling Sub-Frame																			

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RAB-25-7620	025 - Ceiling Panel	[Actual Work]				[Remaining Work]														
RAB-25-7480	025 - Floor Tiling	[Actual Work]				[Remaining Work]														
RAB-25-7460	025 - MEP Final Fix	[Actual Work]				[Remaining Work]				[Critical Remaining]										
RAB-25-7610	025 - Wall Tiling	[Actual Work]				[Remaining Work]				[Critical Remaining]										
RAB-25-7580	025 - Floor Painting	[Actual Work]				[Remaining Work]														
RAB-25-7440	025 - Door Frame/Wall Panel	[Actual Work]				[Remaining Work]														
RAB-25-7600	025 - Wall Paint Finish Coat	[Actual Work]				[Remaining Work]				[Critical Remaining]										
RAB-25-7520	025 - Glazing	[Actual Work]				[Remaining Work]														
RAB-25-7630	025 - Early Handover Rooms Ready to End Users***, Target to Achieve	[Actual Work]				[Remaining Work]				[Critical Remaining]										
RAB-25-7370	025 - Snagging and Remedials	[Actual Work]				[Remaining Work]				[Critical Remaining]										
RAB-25-7550	025 - MEP Balance of Works	[Actual Work]				[Remaining Work]				[Critical Remaining]										
RAB-25-7510	025 - Plaster Board	[Actual Work]				[Remaining Work]				[Critical Remaining]										
RAB-25-7590	025 - Floor Carpet	[Actual Work]				[Remaining Work]				[Critical Remaining]										
RAB-25-7375	KD6C - Projected achievement of Stage 6C of the Works	[Actual Work]				[Remaining Work]				[Critical Remaining]										
RAB-KD6C10	025 - End Users and MoM handover inspection	[Actual Work]				[Remaining Work]				[Critical Remaining]										
<b>External Finishes</b>																				
<b>Facade</b>																				
RAB-25-0420	025 - External Tiling	[Actual Work]				[Remaining Work]														
RAB-25-0360	025 - Install External Louvers /Windows/Doors	[Actual Work]				[Remaining Work]														
RAB-25-0450	025 - External Painting	[Actual Work]				[Remaining Work]														
RAB-25-0580	025 - Make good external surfaces	[Actual Work]				[Remaining Work]														
RAB-25-0570	025 - Dismantle Scaffolding	[Actual Work]				[Remaining Work]														
<b>At Grade</b>																				
RAB-25-6400	025 - Prepare Sub Grade	[Actual Work]				[Remaining Work]														
RAB-25-6390	025 - Laying Geo Textile	[Actual Work]				[Remaining Work]														
RAB-25-6410	025 - Lay Granular Sub-Base	[Actual Work]				[Remaining Work]														
RAB-25-6420	025 - Laying Course	[Actual Work]				[Remaining Work]														
RAB-25-6380	025 - Concrete Block Paving	[Actual Work]				[Remaining Work]														
<b>Roof Finishes</b>																				
RAB-25-0530	025 - Install Roof Tiles - (1285m²)	[Actual Work]				[Remaining Work]														
RAB-25-0550	025 - Install Railing (222m)	[Actual Work]				[Remaining Work]														
RAB-25-0540	025 - Install Cat Ladders and Roof Hatch	[Actual Work]				[Remaining Work]														
<b>Green Roof</b>																				
RAB-25-0700	025 - Install Green Roof Irrigation Systems	[Actual Work]				[Remaining Work]														
RAB-25-0710	025 - Complete Green Roof Works	[Actual Work]				[Remaining Work]														
<b>Specialist Installations</b>																				
RAB-25-610	025 - Construct Immigration Counters x 3	[Actual Work]				[Remaining Work]														
RAB-25-620	025 - Construct Health Department Screening Station x 1	[Actual Work]				[Remaining Work]														
<b>Glazed Canopy</b>																				
RAB-25-0480	025 - Install Steel Support Columns (14 No)	[Actual Work]				[Remaining Work]														
RAB-25-0490	025 - Install Primary Steelwork	[Actual Work]				[Remaining Work]														
RAB-25-0500	025 - Install Secondary Steelwork	[Actual Work]				[Remaining Work]														
RAB-25-0520	025 - Install Glazed Panels	[Actual Work]				[Remaining Work]														
<b>IMMD Kiosk</b>																				
RAB-25-0380	025 - Internal ABWF and MEP of IMMD Kiosk	[Actual Work]				[Remaining Work]														
RAB-25-0350	025 - External Finishes to IMMD Kiosk	[Actual Work]				[Remaining Work]														
<b>Utilities and Drainage</b>																				
RAB-25-7250	025 - Construct Permanent Drainage, Manholes & Draw Pits	[Actual Work]				[Remaining Work]														
RAB-25-7260	025 - Utilities and Common Telecom Ducting	[Actual Work]				[Remaining Work]														
RAB-25-7270	025 - Install Flushing Water Mains	[Actual Work]				[Remaining Work]														

█ Remaining Level of Effort   
 █ Actual Work   
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 ◊ Finish Constraint

**3-Month Rolling Programme Update, 01 July 2017**

RAB5			
Date	Revision	Checked	Approved
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Activity ID	Activity Name	June 2017				July 2017				August 2017				September 2017				October 2017		
		04	11	18	25	02	09	16	23	30	06	13	20	27	03	10	17	24	01	08
RAB-25-7280	025 - Install Fresh Water Mains																			
RAB-25-7290	025 - Install FS Water Main																			
<b>Testing &amp; Commissioning</b>																				
RAB-TC25-1000	025 - T&C (HVAC, FS, P&D, OTHERS)																			
<b>Statutory Submissions &amp; Approvals (Day 670 Completion)</b>																				
<b>BBE0</b>																				
RAB-BEE-180	025 - Registered Energy Assessor Inspection & Certification																			
RAB-BEE-190	025 - Submit REA Certification to EDMS																			
RAB-BEE-200	025 - EDMS Issue of Cert of Compliance Registration (COCR)																			
<b>Water Supplies Department (WSD)</b>																				
<b>Commencement</b>																				
<b>Completion</b>																				
RAB-WSD-744	025 - Submit WWO 46 Pt. IV																			
RAB-WSD-374	025 - WSD Inspection/Meter Connection																			
<b>Fire Services Department (VAC)</b>																				
RAB-FSD-930	025 - Submit Form 314, VAC																			
RAB-FSD-940	025 - Submit Form 501, VAC																			
<b>Fire Service Water (FS)</b>																				
<b>Commencement</b>																				
<b>Completion</b>																				
RAB-FSD-350	025 - Submit WWO 46 Pt. IV, FS																			
<b>Engineer (AECOM)</b>																				
<b>Building 032 - Outbound Private Car Annexure</b>																				
<b>Excavation</b>																				
<b>Raft Foundations</b>																				
<b>Structure</b>																				
<b>Walls &amp; Columns</b>																				
<b>Roof Slab</b>																				
<b>Cure and Strip</b>																				
RAB-32-0690	032 - Cure and Strip False/Formwork, Water Tank																			
<b>ABWF/E&amp;M</b>																				
<b>Internal Finishes</b>																				
<b>Degree 1</b>																				
RAB-32-0460	032 - Construct Blockwork Walls (2170m <sup>2</sup> )																			
RAB-32-0720	032 - Plastering & Undercoat																			
RAB-32-0700	032 - Floor Screed																			
RAB-32-0510	032 - MEP 1st Fix																			
RAB-32-0820	023 - Access for C3 Cabling***																			
<b>Degree 2</b>																				
RAB-32-0560	032 - MEP 2nd Fix																			
RAB-32-0760	032 - Door & Window Frame + Louver																			
RAB-32-0840	032 - Access for C3, C6 & C7 Equip. Installation***																			
RAB-32-0660	032 - Power On																			
RAB-KD7B10	KD7B - Projected achievement of Stage 7B of the Works																			
<b>Degree 3</b>																				
RAB-32-0770	032 - Floor Tiling & Floor Finishes to Early handover Rooms																			
RAB-32-0750	032 - Ceiling Frame																			
RAB-32-0590	032 - MEP Final Fix																			
RAB-32-0790	032 - Glazing																			
RAB-32-0745	032 - Raised Floor																			
RAB-32-0870	032 - Ceiling Paint ffinish Coat & Ceiling Panel																			
RAB-32-0850	032 - Early Handover Rooms Ready to End Users***																			

█ Remaining Level of Effort   
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		04	11	18	25	02	09	16	23	30	06	13	20	27	03	10	17	24	01	08
RAB-32-0740	032 - MEP Balance of Work																			
RAB-32-0860	032 - Floor Painting																			
RAB-32-0800	032 - Door Panel & Ironmongery																			
RAB-32-0680	32 - Snagging and Remedials																			
<b>Roof Finishes</b>																				
RAB-32-0440	032 - Waterproof membrane																			
RAB-32-0540	032 - Install Cat Ladders and Roof Hatch																			
RAB-32-0470	032 - Roof Tiling																			
RAB-32-0550	032 - Install Railing																			
<b>Green Roof</b>																				
RAB-32-0620	032 - Install Green Roof Irrigation Systems																			
RAB-32-0650	032 - Complete Green Roof Works																			
<b>External Finishes</b>																				
<b>Facade</b>																				
RAB-32-0400	032 - External Render																			
RAB-32-0450	032 - External Painting																			
RAB-32-0360	032 - Install External Louvers /Windows/Doors																			
RAB-32-0420	032 - External Tiling																			
RAB-32-0580	032 - Make good external surfaces																			
RAB-32-0570	032 - Dismantle Scaffolding																			
<b>At Grade</b>																				
RAB-32-6460	032 - Prepare Sub Grade																			
RAB-32-6450	032 - Laying Geo Textile																			
RAB-32-6470	032 - Lay Granular Sub-Base																			
RAB-32-6480	032 - Laying Course																			
RAB-32-6440	032 - Concrete Block Paving																			
<b>Specialist Installations</b>																				
RAB-32-630	032 - Construct Immigration Counters x 3																			
RAB-32-640	032 - Construct Health Department Screening Station X 1																			
<b>IMMD Kiosk</b>																				
RAB-32-0380	032 - Internal ABWF and MEP of IMMD Kiosk																			
RAB-32-0350	032 - External Finishes to IMMD Kiosk																			
<b>Glazed Canopy</b>																				
RAB-32-0480	032 - Install Steel Support Columns (14 No)																			
RAB-32-0490	032 - Install Primary Steelwork																			
RAB-32-0500	032 - Install Secondary Steelwork																			
<b>Utilities and Drainage</b>																				
RAB-32-7290	032 - Construct Permanent Drainage and Manholes (Approx 150m)																			
RAB-32-7330	032 - Install FS Water Main																			
RAB-32-7300	032 - Utilities and Common Telecom Ducting																			
RAB-32-7310	032 - Install Flushing Water Mains																			
RAB-32-7320	032 - Install Fresh Water Mains																			
<b>Testing &amp; Commissioning</b>																				
RAB-TC32-1000	032 - T&C (HVAC, FS, P&D, OTHERS)																			
<b>Statutory Submissions &amp; Approvals (Day 670 Completion)</b>																				
<b>BEO</b>																				
RAB-BEE-210	032 - Registered Energy Assessor Inspection & Certification																			
RAB-BEE-220	032 - Submit REA Certification to EDMS																			
RAB-BEE-230	032 - EDMS Issue of Cert of Compliance Registration (COCR)																			
<b>Water Supplies Department (WSD)</b>																				
<b>Commencement</b>																				

■ Remaining Level of Effort   
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		04	11	18	25	02	09	16	23	30	06	13	20	27	03	10	17	24	01	08
<b>Completion</b>																				
RAB-WSD-714	032 - Submit WWO 46 Pt. IV																			
RAB-WSD-354	032 - WSD Issue WWO 46 Part V - Completion Cert of Plumbing & I																			
RAB-WSD-344	032 - WSD Inspection/Meter Connection																			
<b>Fire Servives Department (HVAC)</b>																				
RAB-FSD-960	032 - Submit Form 314, HVAC																			
RAB-FSD-970	032 - Submit Form 501, HVAC																			
<b>Fire Water Service (FS)</b>																				
<b>Commencement</b>																				
<b>Completion</b>																				
RAB-FSD-380	032 - Submit WWO 46 Pt. IV, FS																			
RAB-FSD-610	032 - Submit WWO 46 Pt. V, FS																			
RAB-FSD-580	032 - Submit Form 501, FS																			
<b>Engineer (AECOM)</b>																				
RAB-32-7250	032 - Submit Building 032 As Built Drawings to Engineer																			
<b>Building 044 - E&amp;M Maintenance Building</b>																				
<b>Excavation</b>																				
<b>Raft</b>																				
<b>Structure</b>																				
<b>Walls &amp; Columns</b>																				
<b>Ground to First Floor</b>																				
<b>First Floor</b>																				
<b>Cure and Strip</b>																				
<b>First Floor to Second Floor</b>																				
<b>Second Floor</b>																				
<b>Cure and Strip</b>																				
RAB-44-0280	044 - Cure and Strip False/Formwork for +16.85mPD Slab, 1/F - 2/F																			
<b>Second Floor to Roof</b>																				
RAB-44-0270	044 - Construct External Walls to +20.65mPD (South)																			
RAB-44-610	044 - Install SPR (37m³) and FS (36m³) RC Water Tanks																			
<b>Roof Level</b>																				
RAB-44-0330	044 - Construct Roof Floor upto +20.65mPD (242m²) (72m³)																			
<b>Cure and Strip</b>																				
RAB-44-0370	044 - Cure and Strip False/Formwork for +20.65mPD Slab, 2/F - R/F																			
<b>ABWF/E&amp;M</b>																				
<b>Ground Floor</b>																				
<b>Degree 1</b>																				
RAB-44-1110	044 - Construct Blockwork Walls - G/F																			
RAB-44-1180	044 - Plastering & Undercoat - G/F																			
RAB-44-1185	044 - MEP 1st Fix - G/F																			
RAB-44-1190	044 - C3 & C8 Conduit Installation*** - G/F																			
RAB-44-1200	044 - C3 Cabling*** - G/F																			
RAB-44-1170	044 - Screed - G/F																			
<b>Degree 2</b>																				
RAB-44-9175	044 - MEP 2nd Fix - G/F																			
RAB-44-0770	044 - C3 Access for Equipment Installation																			
RAB-44-0760	044 - Door & Windor Frame + Louver - G/F																			
<b>Degree 3</b>																				
RAB-44-9285	044 - Wall Finish, Paint & Tile - G/F																			
RAB-44-9295	044 - Door Panel & Ironmongery - G/F																			
RAB-44-9245	044 - Ceiling Plaster Board Frame																			
RAB-44-9265	044 - Floor Tile Finish - G/F																			

█ Remaining Level of Effort   
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**3-Month Rolling Programme Update, 01 July 2017**

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		04	11	18	25	02	09	16	23	30	06	13	20	27	03	10	17	24	01	08
RAB-44-9235	044 - Ceiling Panel Frame - G/F																			
RAB-44-9255	044 - Ceiling Paint - G/F																			
RAB-44-9395	044 - Ceiling Plaster Board																			
RAB-44-9185	044 - MEP Final Fix - G/F																			
RAB-44-9345	044 - Ceiling Panel - G/F																			
RAB-44-9275	044 - Glazing - G/F																			
RAB-44-9355	044 - Floor Paint Finish - G/F																			
<b>First Floor</b>																				
<b>Degree 1</b>																				
RAB-44-9315	044 - Construct Blockwork Walls - 1/F																			
RAB-44-9335	044 - Plastering & Undercoat - 1/F																			
RAB-44-9405	044 - C3, C6 & C8 Conduit Installation*** - 1/F																			
RAB-44-9305	044 - MEP 1st Fix - 1/F																			
RAB-44-9415	044 - Access for C3 Cabling*** - 1/F																			
RAB-44-9325	044 - Screed - 1/F																			
<b>Degree 2</b>																				
RAB-44-9365	044 - MEP 2nd Fix - 1/F																			
RAB-44-9455	044 - Door & Window Frame + Louver - 1/F																			
<b>Degree 3</b>																				
RAB-44-9555	044 - Wall Finish, Paint & Tile - 1/F																			
RAB-44-9505	044 - Door Panel & Ironmongery - 1/F																			
RAB-44-9565	044 - Floor Tile Finish - 1/F																			
RAB-44-9705	044 - Ceiling Plaster Board																			
RAB-44-9465	044 - Ceiling Paint Finish - 1/F																			
RAB-44-9385	044 - Ceiling Panel Frame - 1/F																			
RAB-44-9695	044 - Ceiling Plaster Board Frame																			
RAB-44-9375	044 - MEP Final Fix - 1/F																			
RAB-44-9495	044 - Ceiling Panel - 1/F																			
RAB-44-9485	044 - Glazing - 1/F																			
RAB-44-9475	044 - Floor Paint Finish - 1/F																			
<b>Second Floor</b>																				
<b>Degree 1</b>																				
RAB-44-9525	044 - Construct Blockwork Walls - 2/F																			
RAB-44-9755	044 - C3 & C8 Conduit Installation*** - 2/F																			
RAB-44-9545	044 - Plastering & Undercoat - 2/F																			
RAB-44-9765	044 - Access for C3 Cabling*** - 2/F																			
RAB-44-9535	044 - Screed - 2/F																			
RAB-44-9515	044 - MEP 1st Fix - 2/F																			
RAB-KD8A20	044 - Projected achievement of Stage 8A of the Works - 2/F																			
<b>Degree 2</b>																				
RAB-44-9575	044 - MEP 2nd Fix - 2/F																			
RAB-44-9665	044 - Door & Window Frame + Louver - 2/F																			
RAB-44-9605	044 - Power On - 2/F																			
RAB-44-0610	KD8B - Projected achievement of Stage 8B of the Works - 2/F																			
<b>Degree 3</b>																				
RAB-44-9595	044 - Wall Finish, Paint & Tile - 2/F																			
RAB-44-9635	044 - Ceiling Paint Finish - 2/F																			
RAB-44-9715	044 - Door Panel & Ironmongery - 2/F																			
RAB-44-9725	044 - Ceiling Plaster Board Frame - 2/F																			
RAB-44-9735	044 - Ceiling Plaster Board																			

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RAB-44-9685	044 - Floor Tile Finish & Floor Finish to Early handover Rooms - 2/F																			
RAB-44-9675	044 - Glazing - 2/F																			
RAB-44-9645	044 - Ceiling Panel Frame - 2/F																			
RAB-44-9585	044 - MEP Final Fix - 2/F																			
RAB-44-9795	044 - MEP Balance of Works																			
RAB-44-9745	044 - Ceiling Panel - 2/F																			
RAB-44-9625	044 - Snagging and Remedials																			
RAB-44-9655	044 - Floor Finish Other Than Act. No. RAB-44-9685- 1/F																			
<b>Roof Finishes</b>																				
RAB-44-0420	044 - Leveling screed - (242m²)																			
RAB-44-0450	044 - Waterproof membrane - (242m²)																			
RAB-44-1150	044 - Insulation Board - (242m²)																			
RAB-44-0480	044 - Top Screed - (242m²)																			
RAB-44-0520	044 - Install Roof Tiles - (242m²)																			
RAB-44-0540	044 - Install Railing																			
RAB-44-0550	044 - Install Cat Ladder and Roof Hatch																			
<b>Green Roof</b>																				
RAB-44-0320	044 - Erect External Scaffolding																			
RAB-44-0350	044 - Leveling screed - (242m²)																			
RAB-44-0360	044 - Waterproof membrane - (242m²)																			
RAB-44-0390	044 - Top Screed - (242m²)																			
<b>External Finishes</b>																				
<b>Facade</b>																				
RAB-44-0430	044 - Install External Louvers /Windows/Doors																			
RAB-44-0470	044 - External Render																			
RAB-44-0530	044 - External Painting																			
RAB-44-0490	044 - External Tiling																			
RAB-44-0570	044 - Dismantle Scaffolding																			
<b>At Grade</b>																				
RAB-44-6520	044 - Prepare Sub Grade																			
<b>Specialist Installations</b>																				
RAB-44-0600	044 - Install Lift (1 nos)																			
RAB-44-1100	044 - Installation of Roller Shutter Header Box																			
RAB-44-2250	044 - Small Glass Canopy North Elevation																			
RAB-44-1090	044 - Installation of Roller Shutter Steel Curtain																			
<b>Curtain Wall</b>																				
<b>East</b>																				
RAB-44-6870	044 - Complete Formwork Stripping to Roof Level																			
RAB-44-6880	044 - Install Primary Steelwork for Window Wall - East																			
RAB-44-6890	044 - Install Secondary Steelwork for Window Wall - East																			
RAB-44-6900	044 - Glazing to Window Wall - East																			
<b>West</b>																				
RAB-44-6920	044 - Install Primary Steelwork for Window Wall - West																			
RAB-44-6930	044 - Install Secondary Steelwork for Window Wall - West																			
RAB-44-6940	044 - Glazing to Window Wall - West																			
<b>Utilities and Drainage</b>																				
RAB-44-7895	044 - Construct Permanent Drainage and Manholes (Approx 100m)																			
RAB-44-7935	044 - Install FS Water Main																			
RAB-44-7915	044 - Install Flushing Water Mains																			
RAB-44-7925	044 - Install Fresh Water Mains																			

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RAB-44-7905	044 - Utilities and Common Telecom Ducting																			
<b>Testing &amp; Commissioning</b>																				
RAB-TC44-1000	044 - T&C (HVAC, FS, P&D, OTHERS)																			
<b>Statutory Submissions &amp; Approvals</b>																				
<b>BBE0</b>																				
RAB-BEE-240	044 - Registered Energy Assessor Inspection & Certification																			
RAB-BEE-250	044 - Submit REA Certification to EDMS																			
RAB-BEE-260	044 - EDMS Issue of Cert of Compliance Registration (COCR)																			
<b>EMSD - Building 044 Lift Inspection</b>																				
RAB-FSD-200	044 - Submit EMSD Form 3 (Commencement of Lift Installation)																			
<b>Water Supplies Department (WSD)</b>																				
<b>Commencement</b>																				
<b>Completion</b>																				
RAB-WSD-684	044 - Submit WWO 46 Pt. IV																			
RAB-WSD-314	044 WSD Inspection/Meter Connection																			
<b>Fire Services Department (HVAC)</b>																				
RAB-FSD-1020	044 - Submit Form 314 to FSD, HVAC																			
<b>Fire Water Services (FS)</b>																				
<b>Commencement</b>																				
<b>Completion</b>																				
RAB-FSD-116	044 - Submit WWO 46 Pt. IV, FS																			
RAB-FSD-120	044 WSD Issue WWO Part V																			
<b>Engineer (AECOM)</b>																				
RAB-44-7280	044 - Submit Building 044 As Built Drawings to Engineer																			
<b>Building 045 - Highways Depot &amp; Administration Building</b>																				
<b>Raft Foundation</b>																				
<b>Diesel Fuel Chamber</b>																				
<b>Structure G/F to R/F</b>																				
<b>G/F to 1/F Walls &amp; Columns</b>																				
<b>1/F Slab</b>																				
<b>Cure and Strip</b>																				
<b>1/F to 2/F Walls &amp; Columns</b>																				
<b>2/F Slab</b>																				
<b>Cure and Strip</b>																				
<b>2/f to R/F Walls &amp; Columns</b>																				
<b>Roof Level Slab</b>																				
RAB-45-0700	045 - Construct Roof Floor upto +20.65mPD Bay 3 (285m²) (approx																			
RAB-45-1230	045 - Construct Roof Floor upto +20.65mPD Bay 4 (285m²) (approx																			
<b>Cure and Strip</b>																				
RAB-45-0750	045 - Cure and Strip False/Formwork +20.65mPD Bay 3, 2/F-R/F																			
RAB-45-1240	045 - Cure and Strip False/Formwork +20.65mPD Bay 4, 2/F-R/F																			
<b>ABWF/E&amp;M</b>																				
<b>Ground Floor, South - G/F</b>																				
<b>Degree 1, G/F</b>																				
RAB-45-0400	045 - C3 & C8 Conduit Installation, G/F***																			
RAB-45-0390	045 - Construct Blockwork Walls - G/F																			
RAB-45-9725	045 - MEP 1st Fix - G/F																			
RAB-45-9775	045 - Plastering & Undercoat - G/F																			
RAB-45-0440	045 - Access for C3 Cabling Works, G/F***																			
RAB-45-9765	045 - Screed - G/F																			
<b>Degree 2, G/F</b>																				
RAB-45-9805	045 - MEP 2nd Fix - G/F																			

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining ...  
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 ◊ Finish Constraint

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RAB5			
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Activity ID	Activity Name	June 2017				July 2017				August 2017				September 2017				October 2017		
		04	11	18	25	02	09	16	23	30	06	13	20	27	03	10	17	24	01	08
RAB-45-9895	045 - Door & Window Frame + Louver - G/F					[Red bar]														
<b>Degree 3, G/F</b>						[Red bar]														
RAB-45-9935	045 - Wall Finish, Paint & Tile - G/F	[Blue bar]				[Red bar]														
RAB-45-10005	045 - Ceiling Paint - G/F	[Blue bar]				[Green bar]														
RAB-45-9945	045 - Door Panel & Ironmongery - G/F					[Green bar]														
RAB-45-9915	045 - Floor Finish (Paint & Tile) - G/F					[Red bar]														
RAB-45-9815	045 - MEP Final Fix - G/F					[Green bar]														
RAB-45-9925	045 - Glazing - G/F					[Green bar]														
RAB-45-10035	045 - Ceiling Plaster Board Frame & Ceiling Panel Frame - G/F					[Red bar]														
RAB-45-10055	045 - Ceiling Plaster Board & Ceiling Panel - G/F									[Green bar]										
<b>First Floor, 1/F</b>																				
<b>Degree 1, 1/F</b>																				
RAB-45-9965	045 - Construct Blockwork Walls - 1/F	[Blue bar]																		
RAB-45-9985	045 - Plastering & Undercoat - 1/F	[Blue bar]																		
RAB-45-9975	045 - Screed - 1/F	[Blue bar]				[Green bar]														
RAB-45-9955	045 - MEP 1st Fix - 1/F	[Blue bar]																		
RAB-45-9995	045 - C3, C6 & C8 Conduit Installation, 1/F***					[Red bar]														
RAB-45-10045	045 - Access for C3 Cabling Works, 1/F***																			
<b>Degree 2, 1/F</b>																				
RAB-45-10015	045 - MEP 2nd Fix - 1/F				[Blue bar]					[Red bar]										
RAB-45-10105	045 - Door & Window Frame + Louver - 1/F									[Red bar]										
RAB-45-10065	045 - Access to C3 Equipment Installation***																			
<b>Degree 3, 1/F</b>																				
RAB-45-10145	045 - Wall Finish, Paint & Tile - 1/F									[Green bar]										
RAB-45-10155	045 - Door Panel & Ironmongery - 1/F									[Green bar]										
RAB-45-10175	045 - Ceiling Paint - 1/F									[Green bar]										
RAB-45-10125	045 - Floor Finish (Paint & Tile) - 1/F									[Red bar]										
RAB-45-10285	045 - Glazing - 1/F									[Green bar]										
RAB-45-10025	045 - MEP Final Fix - 1/F									[Green bar]										
RAB-45-10205	045 - Ceiling Plaster Board Frame Ceiling Panel Frame - 1/F													[Red bar]						
RAB-45-10245	045 - Ceiling Plaster Board & Ceiling Panel - 1/F													[Green bar]						
RAB-45-10275	045 - Early Handover to End users***																			
<b>Second Floor, 2/F</b>																				
<b>Degree 1, 2/F</b>																				
RAB-45-0810	045 - Construct Blockwork Walls - 2/F									[Red bar]										
RAB-45-10195	045 - Plastering & Undercoat - 2/F									[Red bar]										
RAB-45-10185	045 - Screed - 2/F									[Green bar]										
RAB-45-10165	045 - MEP 1st Fix - 2/F									[Red bar]										
RAB-45-0830	045 - Access to C3, C6 & C8 Conduit Installation, 2/F***									[Red bar]										
RAB-45-0840	045 - Access for C3 Cabling Works, 2/F***																			
RAB-45-0900	045 - Projected achievement of Stage 8A of the Works - 2/F																			
<b>Degree 2, 2/F</b>																				
RAB-45-10225	045 - MEP 2nd Fix - 2/F									[Red bar]										
RAB-45-10315	045 - Door & Window Frame + Louver - 2/F									[Red bar]										
RAB-45-10255	045 - Power On - 2/F																			
RAB-45-10295	045 - Access for C3 Equip. Installation, 2/F***																			
RAB-45-0950	KD8B - Projected achievement of Stage 8B of the Works - 2/F																			
RAB-45-10405	045 - Early Handover Rooms Ready to End Users																			
<b>Degree 3, 2/F</b>																				
RAB-45-10395	045 - Ceiling Paint - 2/F									[Green bar]										

█ Remaining Level of Effort   
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RAB5			
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		04	11	18	25	02	09	16	23	30	06	13	20	27	03	10	17	24	01	08
RAB-45-10335	045 - Floor Finish (Paint & Tile) - 2/F																			
RAB-45-10355	045 - Wall Finish, Paint & Tile - 2/F																			
RAB-45-10375	045 - Ceiling Plaster Board Frame & Ceiling Panel Frame - 2/F																			
RAB-45-10385	045 - Ceiling Plaster Board & Ceiling Panel - 2/F																			
RAB-45-10235	045 - MEP Final Fix - 2/F																			
RAB-45-10345	045 - Glazing - 2/F																			
RAB-45-0980	045 - Snagging and Remedials - 2/F																			
RAB-45-10365	045 - Door Panel & Ironmongery - 2/F																			
RAB-45-10305	045 - MEP Balance of Works																			
RAB-45-10265	045 - End Users and MoM handover inspection																			
RAB-45-0970	KD8C - Projected achievement of Stage 8C of the Works - 2/F																			
<b>External Finishes</b>																				
<b>Bldg. External Finishes</b>																				
<b>Facade</b>																				
RAB-45-0760	045 - Make good external surfaces																			
RAB-45-0630	045 - External Render																			
RAB-45-0620	045 - Install External Louvers /Windows/Doors																			
RAB-45-0690	045 - External Painting																			
RAB-45-0720	045 - Dismantle Scaffolding																			
<b>At Grade</b>																				
RAB-45-6580	045 - Prepare Sub Grade																			
RAB-45-6570	045 - Laying Geo Textile																			
RAB-45-6590	045 - Lay Granular Sub-Base																			
RAB-45-6600	045 - Laying Course																			
RAB-45-6560	045 - Concrete Block Paving																			
RAB-45-6610	045 - Grouting Works to Concrete Pavers																			
<b>Roof Finishes -</b>																				
RAB-45-0820	045 - Leveling screed																			
RAB-45-0860	045 - Waterproof membrane																			
RAB-45-0880	045 - Top Screed																			
RAB-45-0910	045 - Install Roof Tiles																			
RAB-45-0920	045 - Install Railing																			
RAB-45-0930	045 - Install Cat Ladder and Roof Hatch																			
<b>Green Roof - Noth Side, 2/F Level</b>																				
RAB-45-0600	045 - Leveling screed																			
RAB-45-0650	045 - Waterproof membrane																			
RAB-45-1210	045 - Insulation Board																			
RAB-45-0670	045 - Top Screed																			
RAB-45-0680	045 - Install green Roof Irrigation Systems																			
RAB-45-0740	045 - Complete Green Roofing Works																			
<b>Specialist Installations</b>																				
RAB-45-1125	045 - Install Genset and switch board G/F																			
RAB-45-0590	045 - Install Lift (1 nos)																			
RAB-45-6000	045 - Small Glass Canopy North Elevation																			
<b>Window Wall</b>																				
<b>East</b>																				
RAB-45-6950	045 - Complete Formwork Stripping to Roof Level																			
RAB-45-6960	045 - Install Primary Steelwork for Window Wall																			
RAB-45-6970	045 - Install Secondary Steelwork for Window Wall																			
RAB-45-6980	045 - Glazing to Window Wall																			

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		04	11	18	25	02	09	16	23	30	06	13	20	27	03	10	17	24	01	08
<b>West</b>																				
RAB-45-6990	045 - Install Primary Steelwork for Window Wall																			
RAB-45-7000	045 - Install Secondary Steelwork for Window Wall																			
RAB-45-7010	045 - Glazing to Window Wall																			
<b>Utilities and Drainage</b>																				
RAB-45-7935	045 - Construct Permanent Drainage and Manholes (Approx 180m)																			
RAB-45-7945	045 - Utilites and Common Telecom Ducting																			
RAB-45-7975	045 - Install FS Water Main																			
RAB-45-7955	045 - Install Flushing Water Mains																			
RAB-45-7965	045 - Install Fresh Water Mains																			
<b>Testing &amp; Commissioning</b>																				
RAB-TC45-1020	045 - T&C (HVAC, FS, P&D, OTHERS)																			
RAB-TC45-1030	045 - T&C, Lift																			
<b>Statutory Submissions &amp; Approvals (Day 670 Completion)</b>																				
<b>BBE0</b>																				
RAB-BEE-270	045 - Registered Energy Assessor Inspection & Certification																			
RAB-BEE-280	045 - Submit REA Certification to EDMS																			
RAB-BEE-290	045 - EDMS Issue of Cert of Compliance Registration (COCR)																			
<b>EMSD - Building 045 Lift Inspection</b>																				
RAB-FSD-230	045 - Submit EMSD Form 3 (Commencement of Lift Installation)																			
RAB-FSD-240	045 - Submit EMSD Form 5 (Completion of Lift Installation)																			
<b>Fuel Tank - DG License</b>																				
RAB-FSD-660	045 - FSD Inspection & Approval																			
RAB-FSD-680	045 - FSD Issue License																			
<b>Generator Set - EPD Permit</b>																				
RAB-EPD-0100	045 - DG Storage Drwg. Ready for Submission																			
RAB-EPD-0110	045 - Submmit to EPD																			
RAB-EPD-0120	045 - EPD Issue Permit																			
RAB-EPD-0130	045 - Submission Form 501to EPD																			
RAB-EPD-0140	045 - EPD Approval																			
<b>Generator Set - DG Licence</b>																				
RAB-FSD-690	045- Genset Ready for DG Inspection																			
RAB-FSD-700	045 - Notify FSD for DG Inspection																			
RAB-FSD-710	045 - FSD (Vent) /FS Inspection/Process License																			
RAB-FSD-720	045 - DG Licence Issued																			
<b>Water Supplies Department (WSD)</b>																				
<b>Commencement</b>																				
<b>Completion</b>																				
RAB-WSD-654	045 - Submit WWO 46 Pt. IV																			
RAB-WSD-284	045 - WSD's Processing/Inspection/Meter Connection																			
RAB-WSD-294	045 - WSD Issue WWO 046 Part V, Plumbing Inst'n Cert & Connect																			
<b>HVAC</b>																				
<b>FSD</b>																				
<b>Commencement</b>																				
<b>Completion</b>																				
RAB-FSD-440	045 - Submit WWO 46 Pt. I V																			
RAB-FSD-600	045 - Submit WWO 46 Pt. V																			
<b>Engineer (AECOM)</b>																				
RAB-45-7310	045 - Submit Building 045 As Built Drawings to Engineer																			
<b>Building 050 - Public Toilets Type 2</b>																				
<b>Public Toilet (Portion H1)</b>																				

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<b>Excavation</b>																			
<b>Raft</b>																			
RAB-50-1330	050 H1 - Ground Slab																		
<b>Structure</b>																			
RAB-50-1060	050 H1 - Construct RC Walls & Columns (External and Internal)	[Actual Work]				[Critical Remaining]													
RAB-50-1070	050 H1 - Construct Roof Floor at +11.525mPD	[Actual Work]				[Critical Remaining]													
RAB-50-4310	050 H1 - Construct RC Support Columns for Aluminium Solar Shade					[Critical Remaining]													
RAB-50-1080	050 H1 - Cure and Strip False/Formwork									[Critical Remaining]									
<b>ABWF/E&amp;M</b>																			
<b>Internal Finishes</b>																			
<b>Degree 1</b>																			
RAB-50-1110	050 H1 - Construct Blockwork Walls (126m <sup>2</sup> )									[Critical Remaining]									
RAB-50-1320	050 H1 - Screeding									[Critical Remaining]									
RAB-50-1340	050 H1 - Plastering & Undercoat									[Critical Remaining]									
RAB-50-1170	050 H1 - MEP 1st Fix									[Critical Remaining]									
RAB-KD9A40	050 H1 - Access for C3 Cabling Works													[Critical Remaining]					
RAB-KD9A10	KD9A - Projected achievement of Stage 9A of the Works													[Critical Remaining]					
<b>Degree 2</b>																			
RAB-50-1360	050 H1 - Louver / Door Frame													[Critical Remaining]					
RAB-50-1270	050 H1 - MEP 2nd Fix													[Critical Remaining]					
<b>Degree 3</b>																			
RAB-50-1310	050 H1 - Ceiling Frame													[Critical Remaining]					
RAB-50-1350	050 H1 - Wall Finish													[Critical Remaining]					
RAB-50-1370	050 H1 - Ceiling & Floor Finish													[Critical Remaining]					
<b>Specialist installation</b>																			
RAB-50-1240	050 H1 - Installation of Sanitaryware and Fixtures													[Critical Remaining]					
<b>Roof Finishes</b>																			
RAB-50-1100	050 H1 - Install Skylights (8No)									[Critical Remaining]									
RAB-50-1130	050 H1 - Leveling screed - 140m <sup>2</sup>									[Critical Remaining]									
RAB-50-1140	050 H1 - Waterproof membrane - 140m <sup>2</sup>									[Critical Remaining]									
RAB-50-1160	050 H1 - Top Screed - 140m <sup>2</sup>									[Critical Remaining]									
RAB-50-1180	050 H1 - Install Roof Tiles - 140m <sup>2</sup>									[Critical Remaining]									
RAB-50-1200	050 H1 - Install Railing - 49m									[Critical Remaining]									
RAB-50-1210	050 H1 - Install Cat Ladder and Roof Access Hatch									[Critical Remaining]									
RAB-50-4320	050 H1 - Install Aluminium Cladding									[Critical Remaining]									
RAB-50-4470	050 H1 - Installation of Aluminium Canopy									[Critical Remaining]									
<b>External Finishes</b>																			
RAB-50-1090	050 H1 - Erect External Scaffolding									[Critical Remaining]									
RAB-50-1120	050 H1 - Install External Louvers /Windows/Doors									[Critical Remaining]									
RAB-50-1150	050 H1 - External Render									[Critical Remaining]									
RAB-50-1190	050 H1 - External Tiling									[Critical Remaining]									
RAB-50-1220	050 H1 - External Painting									[Critical Remaining]									
RAB-50-1250	050 H1 - Dismantle Scaffolding									[Critical Remaining]									
<b>Utilities and Drainage</b>																			
RAB-50-8015	050 H1 - Construct Permanent Drainage and Manholes (Approx 20m)	[Actual Work]				[Critical Remaining]													
RAB-50-8035	050 H1 - Install Flushing Water Mains					[Remaining Work]													
RAB-50-8045	050 H1 - Install Fresh Water Mains					[Remaining Work]													
RAB-50-8025	050 H1 - Utilities and Common Telecom Ducting					[Remaining Work]													
<b>Testing &amp; Commissioning</b>																			
<b>Statutory Submissions &amp; Approvals (Day 670 Completion)</b>																			
<b>BBO</b>																			

█ Remaining Level of Effort   
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<b>Water Supplies Department (WSD)</b>																						
<b>Commencement</b>																						
<b>Completion</b>																						
RAB-WSD-454	050 H1 - Submit WWO 46 Pt. IV																		◆			
<b>Fire Services Department (VAC)</b>																						
<b>Engineer (AECOM)</b>																						
<b>Public Toilet (Portion H2)</b>																						
<b>Excavation</b>																						
<b>Raft</b>																						
RAB-50-2320	050 H2 - Ground Slab	■				■																
<b>Structure</b>																						
RAB-50-2060	050 H2 - Construct RC Walls (External and Internal)					■																
RAB-50-4330	050 H2 - Construct Roof Floor at +11.525mPD					■																
RAB-50-2070	050 H2 - Construct RC Support Columns for Aluminium Solar Shade					■																
RAB-50-2080	050 H2 - Cure and Strip False/Formwork					■																
<b>ABWF/E&amp;M</b>																						
<b>Internal Finishes</b>																						
<b>Degree 1</b>																						
RAB-50-2110	050 H2 - Construct Blockwork Walls (126m²)												■									
RAB-50-2170	050 H2 - MEP 1st Fix												■									
RAB-50-2330	050 H2 - Plastering & Undercoat												■									
RAB-50-2310	050 H2 - Screeding												■									
RAB-50-2390	050 H2 - Access for C3 Cabling Works												■									
RAB-KD10A10	050 H2 - Projected achievement of Stage 10A of the Works																		◆	◆		
<b>Degree 2</b>																						
RAB-50-2360	050 H2 - Louver / Door Frame												■									
RAB-50-2270	050 H2 - MEP 2nd Fix												■				■					
<b>Degree 3</b>																						
RAB-50-2340	050 H2 - Ceiling Frame												■				■					
<b>Specialist installation</b>																						
RAB-50-2240	050 H2 - Installation of Sanitaryware and Fixtures												■				■					
<b>Roof Finishes</b>																						
RAB-50-2100	050 H2 - Install Skylights (8No)												■									
RAB-50-2130	050 H2 - Leveling screed - 140m²												■									
RAB-50-2140	050 H2 - Waterproof membrane - 140m²												■									
RAB-50-2160	050 H2 - Top Screed - 140m²												■									
RAB-50-2180	050 H2 - Install Roof Tiles - 140m²												■									
RAB-50-2200	050 H2 - Install Railing - 49m												■									
RAB-50-2210	050 H2 - Install Cat Ladder and Roof Access Hatch												■									
RAB-50-4360	050 H2 - Install Aluminium Cladding												■									
<b>External Finishes</b>																						
RAB-50-2090	050 H2 - Erect External Scaffolding												■									
RAB-50-2120	050 H2 - Install External Louvers /Windows/Doors												■									
RAB-50-2150	050 H2 - External Render												■									
RAB-50-2190	050 H2 - External Tiling												■									
RAB-50-2220	050 H2 - External Painting												■									
<b>Utilities and Drainage</b>																						
RAB-50-7895	050 H2 - Construct Permanent Drainage and Manholes (Approx 20n	■				■																
RAB-50-7915	050 H2 - Install Flushing Water Mains					■																
RAB-50-7925	050 H2 - Install Fresh Water Mains					■																
RAB-50-7905	050 H2 - Utilities and Common Telecom Ducting					■																

■ Remaining Level of Effort   
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<b>Testing &amp; Commissioning</b>																			
<b>Statutory Submissions &amp; Approvals (Day 670 Completion)</b>																			
<b>BBEO</b>																			
<b>Water Supplies Department (WSD)</b>																			
<b>Commencement</b>																			
<b>Completion</b>																			
<b>Fire Services Department (VAC)</b>																			
<b>Engineer (AECOM)</b>																			
<b>Public Toilet (Portion A1)</b>																			
<b>Excavation</b>																			
RAB-50-3030	050 A1 - Underground Utilities and Drainage																		
<b>Raft</b>																			
RAB-50-3040	050 A1 - Construct Raft Foundation + Dwarf Wall																		
RAB-50-3050	050 A1 - Ground Slab																		
<b>Structure</b>																			
RAB-50-3060	050 A1 - Construct RC Walls (External and Internal)																		
RAB-50-3070	050 A1 - Construct Roof Floor at +11.525mPD (140m <sup>2</sup> ) (21m <sup>3</sup> )																		
RAB-50-4340	050 A1 - Construct RC Support Columns for Aluminium Solar Shade																		
RAB-50-3080	050 A1 - Cure and Strip False/Formwork																		
<b>ABWF/E&amp;M</b>																			
<b>Internal Finishes</b>																			
<b>Degree 1</b>																			
RAB-50-3110	050 A1 - Construct Blockwork Walls (126m <sup>2</sup> )																		
RAB-50-3170	050 A1 - MEP 1st Fix																		
RAB-50-3310	050 A1 - Plastering & Undercoat																		
RAB-50-3320	050 A1 - Screeding																		
<b>Degree 2</b>																			
RAB-50-3360	050 A1 - Louver / Door Frame																		
RAB-50-3270	050 A1 - MEP 2nd Fix																		
<b>Degree 3</b>																			
<b>Specialist installation</b>																			
<b>Roof Finishes</b>																			
RAB-50-3100	050 A1 - Install Skylights (8No)																		
RAB-50-3130	050 A1 - Leveling screed - 140m <sup>2</sup>																		
RAB-50-3140	050 A1 - Waterproof membrane - 140m <sup>2</sup>																		
RAB-50-3160	050 A1 - Top Screed - 140m <sup>2</sup>																		
RAB-50-3180	050 A1 - Install Roof Tiles - 140m <sup>2</sup>																		
RAB-50-3200	050 A1 - Install Railing - 49m																		
RAB-50-3210	050 A1 - Install Cat Ladder and Roof Access Hatch																		
RAB-50-4370	050 A1 - Install Aluminium Cladding																		
<b>External Finishes</b>																			
RAB-50-3090	050 A1 - Erect External Scaffolding																		
RAB-50-3120	050 A1 - Install External Louvers /Windows/Doors																		
RAB-50-3150	050 A1 - External Render (From Bldg 050 H2)																		
RAB-50-3190	050 A1 - External Tiling																		
RAB-50-3220	050 A1 - External Painting																		
<b>Utilities and Drainage</b>																			
RAB-50-7935	050 A1 - Construct Permanent Drainage and Manholes																		
<b>Testing &amp; Commissioning</b>																			
<b>Statutory Submissions &amp; Approvals (Day 670 Completion)</b>																			
<b>BBEO</b>																			
<b>Water Supplies Department (WSD)</b>																			

█ Remaining Level of Effort   
 █ Actual Work   
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 ◻ Finish Constraint

**3-Month Rolling Programme Update, 01 July 2017**

RAB5			
Date	Revision	Checked	Approved
01-Jul-17	3-Month Rolling Programme, 01 Jul-17 Update	SGJ	



Activity ID	Activity Name	June 2017				July 2017				August 2017				September 2017				October 2017	
		04	11	18	25	02	09	16	23	30	06	13	20	27	03	10	17	24	01
<b>Commencement</b>																			
<b>Completion</b>																			
<b>Fire Servives Department (VAC)</b>																			
<b>Engineer (Aecom)</b>																			
<b>Public Toilet (Portion A2)</b>																			
<b>Excavation</b>																			
<b>Raft</b>																			
RAB-50-4050	050 A2 - Ground Slab																		
<b>Structure</b>																			
RAB-50-4060	050 A2 - Construct RC Walls (External and Internal)																		
RAB-50-4070	050 A2 - Construct Roof Floor at +11.525mPD (140m²) (21m³)																		
RAB-50-4350	050 A2 - Construct RC Support Columns for Aluminium Solar Shade																		
RAB-50-4080	050 A2 - Cure and Strip False/Formwork																		
<b>ABWF/E&amp;M</b>																			
<b>Internal Finishes</b>																			
<b>Degree 1</b>																			
RAB-50-4110	050 A2 - Construct Blockwork Walls (126m²)																		
RAB-50-4170	050 A2 - MEP 1st Fix																		
RAB-50-4420	050 A2 - Plastering & Undercoat																		
RAB-50-4400	050 A2 - Screeding																		
RAB-50-4410	050 A2 - Access for C3 Cabling Works																		
RAB-KD12A10	KD12A - Projected achievement of Stage 12A of the Works																		
<b>Degree 2</b>																			
RAB-50-4440	050 A2 - Louver / Door Frame																		
RAB-50-4270	050 A2 - MEP 2nd Fix																		
<b>Degree 3</b>																			
<b>Specialist installation</b>																			
RAB-50-4240	050 A2 - Installation of Sanitaryware and Fixtures																		
<b>Roof Finishes</b>																			
RAB-50-4100	050 A2 - Install Skylights (8No)																		
RAB-50-4130	050 A2 - Leveling screed - 140m²																		
RAB-50-4140	050 A2 - Waterproof membrane - 140m²																		
RAB-50-4160	050 A2 - Top Screed - 140m²																		
RAB-50-4180	050 A2 - Install Roof Tiles - 140m²																		
RAB-50-4200	050 A2 - Install Railing - 49m																		
RAB-50-4210	050 A2 - Install Cat Ladder and Roof Access Hatch																		
RAB-50-4380	050 A2 - Install Aluminium Cladding																		
<b>External Finishes</b>																			
RAB-50-4090	050 A2 - Erect External Scaffolding																		
RAB-50-4120	050 A2 - Install External Louvers /Windows/Doors																		
RAB-50-4150	050 A2 - External Render																		
RAB-50-4190	050 A2 - External Tiling																		
<b>Utilities and Drainage</b>																			
RAB-50-7975	050 A2 - Construct Permanent Drainage and Manholes (Approx 20m)																		
RAB-50-7995	050 A2 - Install Flushing Water Mains																		
RAB-50-8005	050 A2 - Install Fresh Water Mains																		
RAB-50-7985	050 A2 - Utilites and Common Telecom Ducting																		
<b>Testing &amp; Commissioning</b>																			
<b>Statutory Submissions &amp; Approvals (Day 670 Completion)</b>																			
<b>BBEO</b>																			
<b>Water Supplies Department (WSD)</b>																			
<b>Commencement</b>																			

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Activity ID	Activity Name	June 2017				July 2017				August 2017				September 2017				October 2017	
		04	11	18	25	02	09	16	23	30	06	13	20	27	03	10	17	24	01
<b>Completion</b>																			
Fire Servives Department (VAC)																			
Engineer (AECOM)																			
<b>Building 053 - Outbound X-Ray Building</b>																			
Excavation																			
Raft																			
Structure																			
External Walls																			
To First Floor Level																			
Internal Structures																			
First Floor																			
Slabs																			
Cure and Strip																			
1/F - Roof Level																			
Staircases																			
Roof Floor																			
Slabs																			
Cure and Strip																			
ABWF/E&M																			
Ground Floor																			
Degree 1 - G/F																			
Degree 2 - G/F																			
RAB-53-7935	053 - MEP 2nd Fix, G/F	[Blue bar]				[Red bar]													
RAB-53-7895	053 - Frame for Wall Panel & Cladding, G/F	[Blue bar]				[Red bar]													
Degree 3 - G/F																			
RAB-53-0660	053 - Wall Tiling & Wall Painting Final Coat (2), G/F	[Blue bar]				[Red bar]													
RAB-53-0730	053 - MEP Final Fix, G/F	[Blue bar]				[Red bar]													
RAB-53-8135	053 - Ceiling Plaster Board Sub-Frame, G/F	[Blue bar]				[Red bar]													
RAB-53-0690	053 - Raised Floor System, G/F	[Blue bar]				[Red bar]				[Green bar]									
RAB-53-0710	053 - Door Panel & Ironmongery, G/F	[Blue bar]				[Red bar]				[Red bar]									
RAB-53-0700	053 - Glazing, G/F	[Blue bar]				[Red bar]				[Red bar]									
RAB-53-7915	053 - Ceiling Plaster Board, G/F	[Blue bar]				[Red bar]				[Red bar]									
RAB-53-8145	053 - Floor Carpet & Floor Vinyl, G/F	[Blue bar]				[Red bar]				[Red bar]				[Red bar]					
First Floor																			
Degree 1 - 1/F																			
Degree 2 - 1/F																			
RAB-53-8035	053 - MEP 2nd Fix, 1/F	[Blue bar]				[Red bar]													
RAB-53-8045	053 - Projected Achievement of Stage 1B	[Blue bar]				[Red bar]													
RAB-53-8005	053 - Access to C3 equipment Installatrimon***	[Blue bar]				[Red bar]													
RAB-53-8065	053 - Power On, 1/F	[Blue bar]				[Red bar]													
RAB-53-8015	053 - Frame for Wall Panel & Cladding, 1/F	[Blue bar]				[Red bar]				[Green bar]									
Degree 3 - 1/F																			
RAB-53-8155	053 - Wall Tiling & Wall Painting Final Coat (2), 1/F	[Blue bar]				[Red bar]													
RAB-53-8105	053 - MEP Final Fix, 1/F	[Blue bar]				[Red bar]													
RAB-53-8115	053 - End Users and MOM Handover Inspection.	[Blue bar]				[Red bar]				[Red bar]									
RAB-53-7985	053 - Ceiling Plaster Board Sub-Frame, 1/F	[Blue bar]				[Red bar]				[Green bar]									
RAB-53-8075	053 - Glazing, 1/F	[Blue bar]				[Red bar]				[Red bar]									
RAB-53-8085	053 - Door Panel & Ironmongery, 1/F	[Blue bar]				[Red bar]				[Red bar]									
RAB-53-8125	053 - Snagging and Remedials, 1/F	[Blue bar]				[Red bar]				[Green bar]									
RAB-53-8185	053 - Early handover to Enbd Users***	[Blue bar]				[Red bar]				[Red bar]									
RAB-53-8195	053 - MEP Balance of Works	[Blue bar]				[Red bar]				[Red bar]				[Red bar]					
RAB-53-8095	053 - Projected Achievement of Stage 1C, 1/F	[Blue bar]				[Red bar]				[Red bar]				[Red bar]					

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**3-Month Rolling Programme Update, 01 July 2017**

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		04	11	18	25	02	09	16	23	30	06	13	20	27	03	10	17	24	01	08
RAB-53-7995	053 - Ceiling Plaster Board, 1/F																			
RAB-53-8165	053 - Floor Carpet & Floor Vinyl, 1/F																			
<b>External Finishes</b>																				
<b>External Facade</b>																				
RAB-53-0500	053 - External Painting																			
RAB-53-0440	053 - Install External Louvers /Windows/Doors																			
RAB-53-0640	053 - Make good external surfaces																			
RAB-53-0570	053 - Dismantle Scaffolding																			
<b>At Grade</b>																				
RAB-53-7615	053 - Prepare Sub Grade																			
RAB-53-7885	053 - Laying Geo Textile																			
RAB-53-7625	053 - Lay Granular Sub-Base																			
RAB-53-7635	053 - Laying Course																			
RAB-53-7695	053 - Concrete Block Paving																			
<b>Roof Finishes</b>																				
RAB-53-0460	053 - Waterproof Membrane - (490m²)																			
RAB-53-670	053 - Insulation Board - (490m²)																			
RAB-53-0490	053 - Top Screed - (490m²)																			
RAB-53-0520	053 - Install Roof Tiles - (490m²)																			
RAB-53-0530	053 - Install Railing - 105m																			
RAB-53-0540	053 - Install Cat Ladder and Roof Hatch																			
<b>Spacialist Installations</b>																				
RAB-53-0600	053 - Install Lift (1 nos)																			
<b>Glazed Canopy</b>																				
RAB-53-0620	053 - Construct high level Canopy at +9.95mPD																			
<b>Utilities and Drainage</b>																				
RAB-53-7595	053 - Construct Permanent Drainage and Manholes (Approx 135m)																			
RAB-53-7655	053 - Install FS Water Main																			
RAB-53-7610	053 - Install Flushing Water Mains																			
RAB-53-7620	053 - Install Fresh Water Mains																			
RAB-53-7605	053 - Utilites and Common Telecom Ducting																			
<b>Testing &amp; Commissioning</b>																				
RAB-TC53-1040	053 - T&C (HVAC, FS, P&D, OTHERS)																			
RAB-TC53-1050	053 - T&C, Lift																			
<b>Statutory Submissions &amp; Approvals (Day 470 Completion)</b>																				
<b>BEO</b>																				
RAB-BEE-420	053 - Registered Energy Assessor Inspection & Certification																			
RAB-BEE-430	053 - Submit REA Certification to EDMS																			
RAB-BEE-440	053 - EDMS Issue of Cert of Compliance Registration (COCR)																			
<b>EMSD - Building 053 Lift Inspection</b>																				
RAB-FSD-150	053 - Submit EMSD Form 5 (Completion of Lift Installation)																			
RAB-FSD-160	053 - EMSD Lift Inspection																			
RAB-FSD-090	053 - EMSD Lift Certificate Issued (Fire Lift)																			
<b>Water Supplies Department (WSD)</b>																				
<b>Commencement</b>																				
<b>Completion</b>																				
RAB-WSD-100	053 - Submit WWO 46 Pt. IV																			
RAB-WSD-102	053 - WSD's Processing/Inspection/Meter Connection																			
<b>VAC</b>																				
RAB-FSD-1140	053 - Submit Form 314																			
RAB-FSD-1150	053 - Submit Form 501																			

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<b>FSD</b>																				
<b>Commencement</b>																				
<b>Completion</b>																				
RAB-FSD-410	053 - Submit WWO 46 Pt. I V																			
RAB-FSD-670	053 - Submit Form 501																			
RAB-FSD-420	053 - FSD Inspection Period																			
RAB-FSD-430	053 - Issue Form 172, FS Compliance Cert.																			
<b>Engineer (AECOM)</b>																				
RAB-53-7460	053 - Submit Building 053 As Built Drawings to Engineer																			
<b>Building 058 - Outbound X-Ray Scan Tunnel</b>																				
<b>Excavation</b>																				
<b>Raft</b>																				
<b>Structure</b>																				
<b>Walls</b>																				
<b>South</b>																				
<b>North</b>																				
<b>Roof Slabs</b>																				
<b>Cure and Strip</b>																				
<b>ABWF/E&amp;M</b>																				
<b>Internal Finishes</b>																				
<b>Degree 1</b>																				
<b>Degree 2</b>																				
RAB-58-0630	058 - MEP 2nd Fix																			
RAB-58-0680	058 - Install Louver & Door Frame (Door Frame by other)																			
RAB-KD1B10	KD1B - Projected achievement of Stage 1B of the Works Building 05																			
RAB-58-0640	058 - Power On																			
<b>Degree 3</b>																				
RAB-58-0650	058 - MEP Final Fix																			
RAB-58-0700	058 - Floor Finish (Epoxy Paint)																			
RAB-58-0660	058 - Snagging and Remedials, Bldg. Internal																			
RAB-58-0710	058 - Door Panel (By other)																			
RAB-KD1C10	KD1C - Projected achievement of Stage 1C of the Works Building 05																			
RAB-58-7520	058 - End Users and MoM handover inspection																			
<b>Roof Finishes</b>																				
RAB-58-0450	058 - Waterproof membrane - 885m <sup>2</sup>																			
RAB-58-660	058 - insulation Board - 885m <sup>2</sup>																			
RAB-58-0480	058 - Top Screed - 885m <sup>2</sup>																			
RAB-58-0510	058 - Install Roof Tiles - 885m <sup>2</sup>																			
RAB-58-0540	058 - Install Railing - 152m																			
RAB-58-0530	058 - Install Cat Ladder and Roof Hatch																			
<b>External Finishes</b>																				
<b>Facade</b>																				
RAB-58-0440	058 - External Tiling (630m <sup>2</sup> )																			
RAB-58-0400	058 - Install External Louvers /Windows/Doors																			
RAB-58-0470	058 - External Painting																			
RAB-58-0560	058 - Dismantle Scaffolding																			
RAB-58-0620	058 - Make good external surfaces																			
<b>At Grade</b>																				
RAB-58-6760	058 - Prepare Sub Grade																			
RAB-58-6750	058 - Laying Geo Textile																			
<b>Glazed Canopy</b>																				
RAB-58-0600	058 - Construct high level canopy at +13.231mPD																			

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<b>Utilities and Drainage</b>																				
RAB-58-7550	058 - Construct Permanent Drainage and Manholes (Approx 100m)	[Actual Work]				[Critical Remaining]														
RAB-58-7560	058 - Utilities and Common Telecom Ducting					[Remaining Work]														
RAB-58-7590	058 - Install FS Water main									[Critical Remaining]										
RAB-58-7570	058 - Install Flushing Water Mains									[Critical Remaining]										
RAB-58-7580	058 - Install Fresh Water Mains									[Critical Remaining]										
<b>Testing &amp; Commissioning</b>																				
RAB-TC58-1060	058 - T&C (HVAC, FS, P&D, OTHERS)									[Critical Remaining]				[Critical Remaining]						
<b>Statutory Submissions &amp; Approvals (Day 470 Completion)</b>																				
<b>BEO</b>																				
RAB-BEE-450	058 - Registered Energy Assessor Inspection & Certification													[Critical Remaining]						
RAB-BEE-460	058 - Submit REA Certification to EDMS													◆						
RAB-BEE-470	058 - EDMS Issue of Cert of Compliance Registration (COCR)													[Critical Remaining]						
<b>VAC (FSD)</b>																				
<b>Commencement</b>																				
RAB-FSD-0280	058 - Submit Form 314					◆														
<b>Completion</b>																				
RAB-FSD-370	058 - Submit Form 046 Part IV					◆														
RAB-FSD-500	058 - Submit Form 046 Part V													◆						
<b>Engineer (AECOM)</b>																				
<b>Building 059 - Inbound X-Ray Scan Tunnel</b>																				
<b>Excavation</b>																				
<b>Raft Foundations</b>																				
<b>Structure</b>																				
<b>Walls</b>																				
<b>West</b>																				
<b>East</b>																				
<b>Roof Slabs</b>																				
<b>Cure and Strip</b>																				
<b>ABWF/E&amp;M</b>																				
<b>Internal Finishes</b>																				
<b>Degree 1</b>																				
<b>Degree 2</b>																				
RAB-59-0630	059 - MEP 2nd Fix	[Actual Work]				[Critical Remaining]														
RAB-59-0680	059 - Install Louver & Door Frame (Door Frame by other)																			
RAB-KD2B10	KD2B - Projected achievement of Stage 2B of the Works					◆														
RAB-59-0640	059 - Power On					◆														
<b>Degree 3</b>																				
RAB-59-0660	059 - MEP Final Fix	[Actual Work]				[Critical Remaining]														
RAB-59-0700	059 - Floor Finish (Epoxy Paint)					[Critical Remaining]														
RAB-59-7560	059 - Snagging and Remedials					[Critical Remaining]														
RAB-KD2C10	KD2C - Projected achievement of Stage 2C of the Works					◆														
RAB-59-7550	059 - End Users and MoM handover inspection					◆														
<b>Roof Finishes</b>																				
RAB-59-0490	059 - Waterproof Membrane - 885m <sup>2</sup>					[Critical Remaining]														
RAB-59-670	059 - Insulation Board - 885m <sup>2</sup>					[Critical Remaining]														
RAB-59-0510	059 - Top Screed - 885m <sup>2</sup>					[Critical Remaining]														
RAB-59-0540	059 - Install Roof Tiles - 885m <sup>2</sup>					[Critical Remaining]				[Critical Remaining]										
RAB-59-0560	059 - Install Railing - 152m									[Critical Remaining]										
RAB-59-0550	059 - Install Cat Ladder and Roof Hatch									[Critical Remaining]										
<b>External Finishes</b>																				
<b>Facade</b>																				

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RAB-59-0430	059 - External Render (630m <sup>2</sup> )	[Actual Work]				[Critical Remaining]															
RAB-59-0480	059 - External Painting					[Critical Remaining]															
RAB-59-0450	059 - External Tiling (630m <sup>2</sup> )					[Critical Remaining]															
RAB-59-0590	059 - Dismantle Scaffolding									[Critical Remaining]											
RAB-59-0650	059 - Make good external surfaces									[Critical Remaining]											
<b>At Grade</b>																					
RAB-59-6700	059 - Prepare Sub Grade									[Critical Remaining]											
RAB-59-6690	059 - Laying Geo Textile									[Critical Remaining]											
RAB-59-6710	059 - Lay Granular Sub-Base									[Critical Remaining]											
RAB-59-6720	059 - Laying Course									[Critical Remaining]											
RAB-59-6680	059 - Concrete Block Paving									[Critical Remaining]											
RAB-59-6730	059 - Grouting Works to Concrete Pavers									[Critical Remaining]											
RAB-59-0670	059 - Snagging and Remedials									[Critical Remaining]											
<b>Glazed Canopy</b>																					
RAB-59-0610	059 - Construct high level glazed canopy at +13.406mPD North									[Critical Remaining]											
RAB-59-0620	059 - Construct high level glazed canopy at +13.231mPD South									[Critical Remaining]											
<b>Utilities and Drainage</b>																					
RAB-59-7330	059 - Construct Permanent Drainage and Manholes (Approx 100m)	[Actual Work]				[Critical Remaining]															
RAB-59-7370	059 - Install FS Water Main					[Critical Remaining]															
RAB-59-7350	059 - Install Flushing Water Mains					[Critical Remaining]															
RAB-59-7360	059 - Install Fresh Water Mains					[Critical Remaining]															
RAB-59-7340	059 - Utilities and Common Telecom Ducting					[Critical Remaining]															
<b>Testing &amp; Commissioning</b>																					
RAB-TC59-1000	059 - T&C (HVAC, FS, P&D, OTHERS)					[Critical Remaining]															
<b>Statutory Submissions &amp; Approvals (Day 470 Completion)</b>																					
<b>BBEO</b>																					
RAB-BEE-480	059 - IRegistered Energy Assessor Inspection & Certification									[Critical Remaining]											
RAB-BEE-490	059 - ISubmit REA Certification to EDMS									[Critical Remaining]											
RAB-BEE-500	059 - IEDMS Issue of Cert of Compliance Registration (COCR)									[Critical Remaining]											
<b>VAC</b>																					
RAB-FSD-550	059 - Submit Form 314					[Critical Remaining]															
RAB-FSD-560	059 - Submit Form 501					[Critical Remaining]															
<b>Fire Services Department (FSD)</b>																					
<b>Commencement</b>																					
<b>Completion</b>																					
RAB-FSD-530	059 - Submit Form WWO 46 Part IV									[Critical Remaining]											
RAB-FSD-540	059 - Submit Form WWO 46 Part V									[Critical Remaining]											
RAB-FSD-740	059 - Submit Form 501 to FSD for FS Inspection (C8 Ready for FS I									[Critical Remaining]											
<b>Engineer (AECOM)</b>																					
RAB-59-7520	059 - Submit Building 059 As Built Drawings to Engineer									[Critical Remaining]											

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining ...  
█ Actual Level of Effort   
 █ Remaining Work   
 ◊ Finish Constraint

**3-Month Rolling Programme Update, 01 July 2017**

RAB5			
Date	Revision	Checked	Approved
01-Jul-17	3-Month Rolling Programme, 01 Jul-17 Update	SGJ	

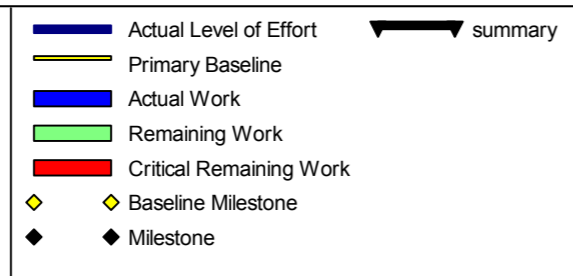
Contract No.: HY/2013/06

Activity ID	Activity Name
<b>Hong Kong-Zhuhai_Macao Bridge Hong Kong Boundary Crossing F</b>	
<b>Key Dates</b>	
<b>Interface Activities</b>	
<b>Site and Facility Inspection</b>	
JS1200	Pre Site and Facility Inspection by Contractor at Location 4 - Deg2
JS1210	Joint Site and Facility Inspection with Interface Contractor at Location 4 - Deg2
JS1620	Pre Site and Facility Inspection by Contractor at Location 14 - Deg2
JS1630	Joint Site and Facility Inspection with Interface Contractor at Location 14 - Deg2
JS1760	Pre Site and Facility Inspection by Contractor at Location 18 - Deg1
JS1770	Joint Site and Facility Inspection with Interface Contractor at Location 18 - Deg1
JS1780	Pre Site and Facility Inspection by Contractor at Location 18 - Deg2
JS1790	Joint Site and Facility Inspection with Interface Contractor at Location 18 - Deg2
<b>Access Dates</b>	
AD1000	Location 1(PCB (001) Basement)-Deg1 (270d)
AD1010	Location 1(PCB (001) Basement)-Deg2 (380d)
AD1020	Location 1(PCB (001) ELV Room (Grid Line E3))-Deg1 (270d)
AD1030	Location 1(PCB (001) ELV Room (Grid Line E3))-Deg2 (380d)
AD1040	Location 2(PCB (001) First Floor Main Server Room)-Deg1 (330d)
AD1050	Location 2(PCB (001) First Floor Main Server Room)-Deg2 (380d)
AD1060	Location 2(PCB (001) First Floor Main Server Room) - For Server Installation - Deg2 (330d)
AD1070	Location 2(PCB (001) Ground Floor ELV Room (Grid Line E3)) - Deg1 (330d)
AD1080	Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5)) - Deg1 (330d)
AD1090	Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5)) - Deg2 (380d)
AD1130	Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room)-Deg2 (500d)
AD1150	Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,129,14)
AD1170	Location 3a(Inbd Cargo Exam Bldg (037) ROCARS Room)-Deg2 (480d)
AD1190	Location 3a(Inbd Cargo Exam Bldg (037) Main Server Room)-Deg2 (480d)
AD1200	Location 3a(Inbd Cargo Exam Bldg (037) Main Server Room) - For Server installation - Deg2 (480d)
AD1220	Location 4(Outbd Cargo Exam Bldg (023))-Deg2 (680d)
AD1240	Location 4a(Outbd Cargo Exam Bldg (023))-Deg2 (630d)
AD1270	Location 6(Common Utility Enclosure & Staff Subway)-Deg1 (400d)
AD1290	Location 7(Common Utility Enclosure & Staff Subway)-Deg1 (270d)
AD1300	Location 8(Inbd Private Car Annex (025))-Deg1 (430d)
AD1310	Location 8(Inbd Private Car Annex (025))-Deg2 (580d)
AD1320	Location 8(Inbd Private Car Annex (025) Canopy)-Deg1 (430d)
AD1330	Location 8(Inbd Private Car Annex (025) Canopy)-Deg2 (580d)
AD1340	Location 9(Outbd Private Car Annex (032))-Deg1 (520d)
AD1350	Location 9(Outbd Private Car Annex (032))-Deg2 (660d)
AD1360	Location 9(Outbd Private Car Annex (032) Canopy)-Deg1 (520d)
AD1370	Location 9(Outbd Private Car Annex (032) Canopy)-Deg2 (660d)
AD1501	Location 12(Inbd Private Car Kiosks(027))-Deg1 (400d) Phase 2
AD1510	Location 12(Inbd Private Car Kiosks(027))-Deg2 (480d) Phase 1
AD1511	Location 12(Inbd Private Car Kiosks(027))-Deg2 (480d) Phase 2
AD1521	Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg1 (400d) Phase 2

2015		2016				2017				2018				2019			
Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
22-Oct-17, Hong Kong-Zhuhai_Macao Bridge																	
23-Jun-17, Site and Facility Inspection																	
24-Aug-17, Access Dates																	
Location 1(PCB (001) Basement)-Deg1 (270d), 31-May-17																	
Location 1(PCB (001) Basement)-Deg2 (380d), 15-Jun-17																	
Location 1(PCB (001) ELV Room (Grid Line E3))-Deg1 (270d), 31-May-17																	
Location 1(PCB (001) ELV Room (Grid Line E3))-Deg2 (380d), 15-Jun-17																	
Location 2(PCB (001) First Floor Main Server Room)-Deg1 (330d), 31-May-17																	
Location 2(PCB (001) First Floor Main Server Room)-Deg2 (380d), 15-Jun-17																	
Location 2(PCB (001) First Floor Main Server Room) - For Server Installation - Deg2 (330d), 31-May-17																	
Location 2(PCB (001) Ground Floor ELV Room (Grid Line E3)) - Deg1 (330d), 31-May-17																	
Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5)) - Deg1 (330d), 31-May-17																	
Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5)) - Deg2 (380d), 15-Jun-17																	
Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room)-Deg2 (500d), 15-Jun-17																	
Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,129,14), 15-Jun-17																	
Location 3a(Inbd Cargo Exam Bldg (037) ROCARS Room)-Deg2 (480d), 15-Jun-17																	
Location 3a(Inbd Cargo Exam Bldg (037) Main Server Room)-Deg2 (480d), 15-Jun-17																	
Location 3a(Inbd Cargo Exam Bldg (037) Main Server Room) - For Server installation - Deg2 (480d), 15-Jun-17																	
Location 4(Outbd Cargo Exam Bldg (023))-Deg2 (680d), 15-Jun-17																	
Location 4a(Outbd Cargo Exam Bldg (023))-Deg2 (630d), 15-Jun-17																	
Location 6(Common Utility Enclosure & Staff Subway)-Deg1 (400d), 15-Jun-17																	
Location 7(Common Utility Enclosure & Staff Subway)-Deg1 (270d), 15-Jun-17																	
Location 8(Inbd Private Car Annex (025))-Deg1 (430d), 15-Jun-17																	
Location 8(Inbd Private Car Annex (025))-Deg2 (580d), 15-Jun-17																	
Location 8(Inbd Private Car Annex (025) Canopy)-Deg1 (430d), 15-Jun-17																	
Location 8(Inbd Private Car Annex (025) Canopy)-Deg2 (580d), 15-Jun-17																	
Location 9(Outbd Private Car Annex (032))-Deg1 (520d), 15-Jun-17																	
Location 9(Outbd Private Car Annex (032))-Deg2 (660d), 15-Jun-17																	
Location 9(Outbd Private Car Annex (032) Canopy)-Deg1 (520d), 15-Jun-17																	
Location 9(Outbd Private Car Annex (032) Canopy)-Deg2 (660d), 15-Jun-17																	
Location 12(Inbd Private Car Kiosks(027))-Deg1 (400d) Phase 2, 15-Jun-17																	
Location 12(Inbd Private Car Kiosks(027))-Deg2 (480d) Phase 1, 15-Jun-17																	
Location 12(Inbd Private Car Kiosks(027))-Deg2 (480d) Phase 2, 15-Jun-17																	
Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg1 (400d) Phase 2, 15-Jun-17																	



Programme No.: HZMB-DWP  
Data Date: 14-Aug-15



Hong Kong-Zhuhai-Macao Bridge  
Hong Kong Boundary Crossing  
Facilities - Automatic Vehicle  
Clearance Support System (AVCSS)

Date	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC
10-Mar-17	Rev.: 1.0a	WC	LC
5-May-17	Rev.: 1.0b	WC	LC

Activity ID	Activity Name																		
		2015			2016				2017				2018				2019		
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
AD1530	Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg2 (480d) Phase 1																		
AD1531	Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg2 (480d) Phase 2																		
AD1540	Location 12(Inbd GV Kiosks (028))-Deg1 (400d) Phase 1																		
AD1541	Location 12(Inbd GV Kiosks (028))-Deg1 (400d) Phase 2																		
AD1550	Location 12(Inbd GV Kiosks (028))-Deg2 (480d) Phase 1																		
AD1551	Location 12(Inbd GV Kiosks (028))-Deg2 (480d) Phase 2																		
AD1560	Location 12(Inbd GV Kiosks (028) Canopy)-Deg1 (400d) Phase 1																		
AD1561	Location 12(Inbd GV Kiosks (028) Canopy)-Deg1 (400d) Phase 2																		
AD1570	Location 12(Inbd GV Kiosks (028) Canopy)-Deg2 (480d) Phase 1																		
AD1571	Location 12(Inbd GV Kiosks (028) Canopy)-Deg2 (480d) Phase 2																		
AD1580	Location 12(Outbd GV Kiosks (029))-Deg1 (400d) Phase 1																		
AD1581	Location 12(Outbd GV Kiosks (029))-Deg1 (400d) Phase 2																		
AD1590	Location 12(Outbd GV Kiosks (029))-Deg2 (480d) Phase 1																		
AD1591	Location 12(Outbd GV Kiosks (029))-Deg2 (480d) Phase 2																		
AD1600	Location 12(Outbd GV Kiosks (029) Canopy)-Deg1 (400d) Phase 1																		
AD1601	Location 12(Outbd GV Kiosks (029) Canopy)-Deg1 (400d) Phase 2																		
AD1610	Location 12(Outbd GV Kiosks (029) Canopy)-Deg2 (480d) Phase 1																		
AD1611	Location 12(Outbd GV Kiosks (029) Canopy)-Deg2 (480d) Phase 2																		
AD1620	Location 13(Outbd Private Car Kiosks (030))-Deg1 (480d) Phase 1																		
AD1630	Location 13(Outbd Private Car Kiosks (030))-Deg2 (550d) Phase 1																		
AD1640	Location 13(Outbd Private Car Kiosks (030) Canopy)-Deg1 (480d) Phase 1																		
AD1650	Location 13(Outbd Private Car Kiosks (030) Canopy)-Deg2 (550d) Phase 1																		
AD1660	Location 14(Future-Outbd/Inbd Private Car Kiosks)-Deg1 (610d)																		
AD1670	Location 14(Future-Outbd/Inbd Private Car Kiosks)-Deg2 (680d)																		
AD1700	Location 16(Outbd Traffic Control Kiosk (101))-Deg1 (400d)																		
AD1710	Location 16(Outbd Traffic Control Kiosk (101))-Deg2 (480d)																		
AD1740	Location 18(Outbd Private Car Exam Bldg(024))-Deg1 (-)																		
AD1750	Location 18(Outbd Private Car Exam Bldg(024))-Deg2 (670d)																		
AD1780	(by C03) Underground Ducting (UUD1.1) between CUE and Inbd Cargo Exam Bldg (0																		
AD1790	(by C03) (UUD1.2) between Inbd Cargo Exam Bldg South (037[S]) and DOH Cargo C																		
AD1800	(by C03) (UUD2) between Inbd Cargo Exam Bldg North (037[N]) and Inbd Vehicle Cle																		
AD1810	(by C03) (UUD9.1) btw Inbd Cargo Exam Bldg S.(037[S]) & Inbd PC Exam Bldg(033) &																		
AD1820	(by C03) (UUD9.3) between Inbd Private Car Exam Bldg (033) and Inbd Vehicle Clear																		
AD1830	(by C03) (UUD9.2) between Inbd Private Car Exam Bldg (033) and Inbd Vehicle Clear																		
AD1840	(by C03) Underground Ducting (UUD3.1) between CUE to Outbd Cargo Exam Bldg (0																		
AD1850	(by C03) (UUD3.2) btw Outbd Car Exam Bldg (023) and Outbd PC Exam Bldg (024) a																		
AD1860	(byC03) (UUD4.1) between Outbd Private Car Exam Bldg (024) and Outbd Vehicle Cle																		
AD1870	(byC03) (UUD5) between Outbd Car Exam Bldg South (023[S]) and Outbd Vehicle Cle																		
AD1880	(by C03) Underground Ducting (UUD8) between CUE and Outbd PCA (032)																		
AD1910	(by C03) Inbound Vehicle Clearance Plaza																		
AD1920	(by C03) Outbound Vehicle Clearance Plaza																		

■ Interfaces Provisions  
■ Mobilization Provisions  
■ WA4 Site Erection & Servicing

Date	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC
10-Mar-17	Rev.: 1.0a	WC	LC
5-May-17	Rev.: 1.0b	WC	LC

Programme No.: HZMB-DWP  
 Data Date: 14-Aug-15

- Actual Level of Effort
- Primary Baseline
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Baseline Milestone
- ◆ Milestone

summary  
 Hong Kong-Zhuhai-Macao Bridge  
 Hong Kong Boundary Crossing  
 Facilities - Automatic Vehicle  
 Clearance Support System (AVCSS)

12-Aug-17, Interfaces Provisions  
 22-Oct-17, Mobilization Provisions

Activity ID	Activity Name
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<b>Detailed Design Specification</b>	
<b>Construction Design and Management</b>	
<b>Supply/Manufacture Mock-up items</b>	
<b>Supply/Manufacture prototypes</b>	
<b>Software Design, Coding and Testing</b>	
<b>Coding</b>	
<b>Software System Integration</b>	
<b>Prototype &amp; Software Simulation Tests</b>	
<b>Procurement - Phase 1 / Section I</b>	
<b>Supply/Manufacture products for FAT</b>	
<b>Factory Acceptance Test (FAT)</b>	
<b>Supply/Manufacture Equipment</b>	
<b>Delivery and Bench Acceptance Test for Phase 1/ Section I</b>	
<b>Installation - Phase 1 / Section I</b>	
<b>Location 1(PCB (001) Basement)</b>	
EM1920	L1(001)B/F - Cable Laying and termination at Location 1 and Location 2
<b>Location 1(PCB (001) ELV Room (Grid Line E3))</b>	
EM1940	L1(001)ELV Rm - Cable Laying and termination at Location 1 and Location 2
<b>Location 2(PCB (001) Ground Floor ELV Room (Grid Line E3))</b>	
EM1960	L2(001)ELV Rm - Cable Laying and termination at Location 1 and Location 2
<b>Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5))</b>	
EM1080	L2(001)Heath Ctrl Rm - Cable Laying and termination at Location 1 and Location 2
EM1100	L2(001)Heath Ctrl Rm - Cable Splicing and Testing and Labeling
EM1120	L2(001)Health Ctrl Rm - Intercom and PA system Installation
EM1140	L2(001)Heath Ctrl Rm - Intercom and PA system tuning
<b>Location 2(PCB (001) First Floor Main Server Room)</b>	
EM1000	L2(001)Main Server Rm - Cable Laying and termination at Location 1 and Location 2
EM1020	L2(001)Main Server Rm - Cable Splicing and Testing and Labeling
EM1040	L2(001)Main Server Rm - AVCSS Network and Server Installation
EM1060	L2(001)Main Server Rm - AVCSS Network and Server Tuning
<b>Location 3(Inbd Cargo Exam Bldg (037) MDF Room)</b>	
<b>Location 3(Inbd Cargo Exam Bldg (037) ELV Room)</b>	
<b>Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,129,141)</b>	
EM2020	L3(037)Inspec Offices - Cable Laying and termination in Location 3 and Location 3a
EM2040	L3(037)Inspec Offices - Cable Splicing and Testing and Labeling
EM2060	L3(037)Inspec Offices - AVCSS SURCON WS and 55" LCD Installation
EM2080	L3(037)Inspec Offices - VTS WS Installation
EM2100	L3(037)Inspec Offices - SURCON and WS Tuning
<b>Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room)</b>	
EM1160	L3(037)PLF Ctrl Rm - Cable Laying and termination in Location 3 and Location 3a
EM1180	L3(037)PLF Ctrl Rm - Cable Splicing and Testing and Labeling
EM1200	L3(037)PLF Ctrl Rm - AVCSS SYSCON WS and 55" TV Wall Installation
EM1220	L3(037)PLF Ctrl Rm - AVCSS SYSCON WS Tuning



2015			2016				2017				2018				2019		
Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3

01-Sep-17; Installation - Phase 1 / Section I  
 22-Jun-17; Location:1(PCB (001);Basement)  
 L1(001)B/F - Cable Laying and termination at Location  
 22-Jun-17; Location:1(PCB (001);ELV Room (Grid Line  
 L1(001)ELV Rm - Cable Laying and termination at Loca  
 22-Jun-17; Location:2(PCB (001);Ground Floor ELV R  
 L2(001)ELV Rm - Cable Laying and termination at Loca  
 18-Aug-17; Location 2(PCB (001);Ground Floor DO  
 L2(001)Heath Ctrl Rm - Cable Laying and termination  
 L2(001)Heath Ctrl Rm - Cable Splicing and Testing an  
 L2(001)Health Ctrl Rm - Intercom and PA system In  
 L2(001)Health Ctrl Rm - Intercom and PA system tu  
 21-Aug-17; Location 2(PCB (001); First Floor Main  
 L2(001)Main Server Rm - Cable Laying and terminatio  
 L2(001)Main Server Rm - Cable Splicing and Testing  
 L2(001)Main Server Rm - AVCSS Network and Ser  
 L2(001)Main Server Rm - AVCSS Network and Ser  
 07-Aug-17; Location 3(Inbd Cargo Exam Bldg (037  
 L3(037)Inspec Offices - Cable Laying and termination i  
 L3(037)Inspec Offices - Cable Splicing and Testing an  
 L3(037)Inspec Offices - AVCSS SURCON WS and 5  
 L3(037)Inspec Offices - VTS WS Installation  
 L3(037)Inspec Offices - SURCON and WS Tuning  
 07-Aug-17; Location 3(Inbd Cargo Exam Bldg (037  
 L3(037)PLF Ctrl Rm - Cable Laying and termination in  
 L3(037)PLF Ctrl Rm - Cable Splicing and Testing and  
 L3(037)PLF Ctrl Rm - AVCSS SYSCON WS and 55  
 L3(037)PLF Ctrl Rm - AVCSS SYSCON WS Tuning

Programme No.: HZMB-DWP  
 Data Date: 14-Aug-15

- Actual Level of Effort
- Primary Baseline
- Actual Work
- Remaining Work
- Critical Remaining Work
- Baseline Milestone
- Milestone


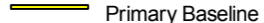

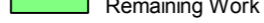
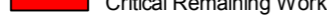


summary

Hong Kong-Zhuhai-Macao Bridge  
 Hong Kong Boundary Crossing  
 Facilities - Automatic Vehicle  
 Clearance Support System (AVCSS)

Date	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC
10-Mar-17	Rev.: 1.0a	WC	LC
5-May-17	Rev.: 1.0b	WC	LC

Activity ID	Activity Name	2015															2016				2017				2018				2019		
		Q2			Q3			Q4			Q1			Q2			Q3			Q4			Q1			Q2			Q3		
<b>Location 3a(Inbd Cargo Exam Bldg (037) ROCARS Room)</b>																					07-Aug-17, Location 3a(Inbd Cargo Exam Bldg (037) ROCARS Rm - Cable Laying and termination in Location 3 and Location 3a										
EM1240	L3a(037) ROCARS Rm - Cable Laying and termination in Location 3 and Location 3a																				L3a(037) ROCARS Rm - Cable Laying and termination in Location 3 and Location 3a										
EM1260	L3a(037) ROCARS Rm - Cable Splicing and Testing and Labeling																				L3a(037) ROCARS Rm - Cable Splicing and Testing and Labeling										
EM1280	L3a(037) ROCARS Rm - AVCSS SYSCON and SURCON and Intercom Installation																				L3a(037) ROCARS Rm - AVCSS SYSCON and SURCON and Intercom Installation										
EM1300	L3a(037) ROCARS Rm - VTS WS Installation																				L3a(037) ROCARS Rm - VTS WS Installation										
EM1320	L3a(037) ROCARS Rm - VID WS Installation																				L3a(037) ROCARS Rm - VID WS Installation										
EM1340	L3a(037) ROCARS Rm - SURCON and SYSCON and WS Tuning																				L3a(037) ROCARS Rm - SURCON and SYSCON and WS Tuning										
<b>Location 3a(Inbd Cargo Exam Bldg (037) Main Server Room)</b>																					07-Aug-17, Location 3a(Inbd Cargo Exam Bldg (037) Main Server Rm - Cable Laying and termination in Location 3 and Location 3a										
EM2120	L3a(037)Main Server Rm - Cable Laying and termination in Location 3 and Location 3a																				L3a(037)Main Server Rm - Cable Laying and termination in Location 3 and Location 3a										
EM2140	L3a(037)Main Server Rm - Cable Splicing and Testing and Labeling																				L3a(037)Main Server Rm - Cable Splicing and Testing and Labeling										
EM2160	L3a(037)Main Server Rm - AVCSS Server Installation																				L3a(037)Main Server Rm - AVCSS Server Installation										
EM2180	L3a(037)Main Server Rm - VTS Server Installation																				L3a(037)Main Server Rm - VTS Server Installation										
EM2200	L3a(037)Main Server Rm - Servers Tuning																				L3a(037)Main Server Rm - Servers Tuning										
<b>Location 4(Outbd Cargo Exam Bldg (023) MDF Room)</b>																					04-Aug-17, Location 4a(Outbd Cargo Exam Bldg (023) ROCARS Rm - Cable Splicing and Testing and Labeling										
EM2240	L4a(023)ROCARS Rm - Cable Splicing and Testing and Labeling																				L4a(023)ROCARS Rm - Cable Splicing and Testing and Labeling										
EM2260	L4a(023)ROCARS Rm - AVCSS SYSCON and SURCON and Intercom Installation																				L4a(023)ROCARS Rm - AVCSS SYSCON and SURCON and Intercom Installation										
EM2280	L4a(023)ROCARS Rm - VTS WS Installation																				L4a(023)ROCARS Rm - VTS WS Installation										
EM2300	L4a(023)ROCARS Rm - SYSCON and SURCON and WS Tuning																				L4a(023)ROCARS Rm - SYSCON and SURCON and WS Tuning										
<b>Location 5(Common Utility Enclosure &amp; Staff Subway)</b>																					01-Sep-17, Location 5(Common Utility Enclosure & Staff Subway) - Cable Laying between Location 5 and Location 6										
EM2341	L5(CUE) - Cable Laying between Location 5 and Location 6																				L5(CUE) - Cable Laying between Location 5 and Location 6										
EM2361	L5(CUE) - Cable Laying between Location 5 and Location 7																				L5(CUE) - Cable Laying between Location 5 and Location 7										
EM2380	L5(CUE) - Cable Splicing and Testing and Labeling																				L5(CUE) - Cable Splicing and Testing and Labeling										
<b>Location 6(Common Utility Enclosure &amp; Staff Subway)</b>																					26-Aug-17, Location 6(Common Utility Enclosure & Staff Subway) - Cable Laying between Location 5 and Location 6										
EM2400	L6(CUE) - Cable Laying between Location 5 and Location 6																				L6(CUE) - Cable Laying between Location 5 and Location 6										
EM2420	L6(CUE) - Cable Splicing and Testing and Labeling																				L6(CUE) - Cable Splicing and Testing and Labeling										
<b>Location 7(Common Utility Enclosure &amp; Staff Subway)</b>																					01-Sep-17, Location 7(Common Utility Enclosure & Staff Subway) - Cable Laying between Location 5 and Location 7										
EM2440	L7(CUE) - Cable Laying between Location 5 and Location 7																				L7(CUE) - Cable Laying between Location 5 and Location 7										
EM2460	L7(CUE) - Cable Splicing and Testing and Labeling																				L7(CUE) - Cable Splicing and Testing and Labeling										
<b>Location 12(Inbd Private Car Kiosks,GV Kiosks (027,028,029))</b>																					30-Aug-17, Location 12(Inbd Private Car Kiosks,GV Kiosks(027) - 9 nos (Phase 1) - Cable Splicing and Testing and Labeling										
EM1500	L12(027)(9nos P1) - Cable Splicing and Testing and Labeling																				L12(027)(9nos P1) - Cable Splicing and Testing and Labeling										
EM1520	L12(027)(9nos P1) - AVCSS/MOM Kiosk Equipment Installation (9 nos)																				L12(027)(9nos P1) - AVCSS/MOM Kiosk Equipment Installation (9 nos)										
EM1541	L12(027)(9nos P1) - XDB installation (18 nos)																				L12(027)(9nos P1) - XDB installation (18 nos)										
EM1542	L12(027)(9nos P1) - ODB installation (5 nos)																				L12(027)(9nos P1) - ODB installation (5 nos)										
EM1543	L12(027)(9nos P1) - ODB installation (2 nos)																				L12(027)(9nos P1) - ODB installation (2 nos)										
EM1544	L12(027)(9nos P1) - ODB installation (2 nos)																				L12(027)(9nos P1) - ODB installation (2 nos)										
EM1560	L12(027)(9nos P1) - Loop installation (45 nos)																				L12(027)(9nos P1) - Loop installation (45 nos)										
<b>Inbd Goods Vehicle Kiosks(028) - 5 nos (Phase 1)</b>																					30-Aug-17, Inbd Goods Vehicle Kiosks(028) - 5 nos (Phase 1) - Cable Laying and termination in Location 12										
EM1620	L12(028)(5nos P1) - Cable Laying and termination in Location 12																				L12(028)(5nos P1) - Cable Laying and termination in Location 12										
EM1640	L12(028)(5nos P1) - Cable Splicing and Testing and Labeling																				L12(028)(5nos P1) - Cable Splicing and Testing and Labeling										
EM1660	L12(028)(5nos P1) - AVCSS/MOM Kiosk Equipment Installation (5 nos)																				L12(028)(5nos P1) - AVCSS/MOM Kiosk Equipment Installation (5 nos)										
EM1681	L12(028)(5nos P1) - XDB installation (10 nos)																				L12(028)(5nos P1) - XDB installation (10 nos)										
EM1682	L12(028)(5nos P1) - ODB installation (3 nos)																				L12(028)(5nos P1) - ODB installation (3 nos)										
EM1683	L12(028)(5nos P1) - ODB installation (2 nos)																				L12(028)(5nos P1) - ODB installation (2 nos)										

Programme No.: HZMB-DWP  
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-  Actual Level of Effort
-  Primary Baseline
-  Actual Work
-  Remaining Work
-  Critical Remaining Work
-  Baseline Milestone
-  Milestone

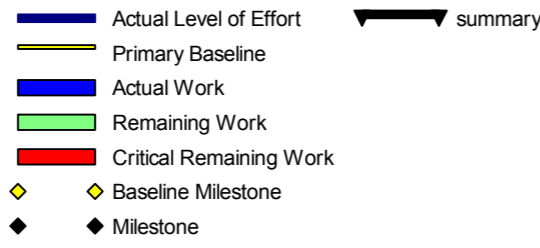
 summary

Hong Kong-Zhuhai-Macao Bridge  
Hong Kong Boundary Crossing  
Facilities - Automatic Vehicle  
Clearance Support System (AVCSS)

Date	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC
10-Mar-17	Rev.: 1.0a	WC	LC
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Activity ID	Activity Name	2015												2016				2017				2018				2019		
		Q2			Q3			Q4			Q1		Q2		Q3		Q4		Q1		Q2		Q3					
<b>Outbd Vehicle Clearance Plaza - 8 nos VID, 6 nos VTS, 4 nos TLS</b>		▼ 02-Aug-17, Outbd Vehicle Clearance Plaza - 8 nos V																										
EM3160	Outbound VID cabling from pillar box to VID field equipment	■ Outbound VID cabling from pillar box to VID field equipr																										
EM3180	Outbound VTS cabling from pillar box to VTS field equipment	■ Outbound VTS cabling from pillar box to VTS field equi																										
EM3200	Outbound TLS cabling from pillar box to TLS field equipment	■ Outbound TLS cabling from pillar box to TLS field equ																										
EM3220	Outbound VID field equipment installation (8 VID)	■ Outbound VID field equipment installation (8 VID)																										
EM3240	Outbound VTS field equipment installation (3 RFID + 3 Cameras)	■ Outbound VTS field equipment installation (3 RFID +																										
EM3260	Outbound TLS field equipment installation (4 TLS)	■ Outbound TLS field equipment installation (4 TLS)																										
EM3280	Outbound VID and VTS and TLS field equipment tuning	■ Outbound VID and VTS and TLS field equipment tun																										
<b>Underground Ducting (UUD1.1) between CUE and Inbd Cargo Exam Bldg (037)</b>		▼ 13-Jun-17, Underground Ducting (UUD1.1) between C																										
UD1000	(UUD1.1 [CUE-037]) - Cable laying and termination	■ (UUD1.1 [CUE-037]) - Cable laying and termination;																										
<b>(UUD1.2) between Inbd Cargo Exam Bldg South (037[S]) and DOH Cargo Clearance Bldg</b>		▼ 27-Jun-17, (UUD1.2) between Inbd Cargo Exam Bldg																										
UD1060	(UUD1.2 [037[S]-043]) - Cable laying and termination	■ (UUD1.2 [037[S]-043]) - Cable laying and termination																										
<b>Underground Ducting (UUD6) between CUE and Shuttle Bus Kiosk (006) and Inbd Private Car Exam Bldg South (037[S]) &amp; IB PC Exam Bldg(033) &amp; IB Traffic Control Kiosk (006)</b>		▼ 12-Jul-17, (UUD9.1) btw IB Cargo Exam Bldg South(																										
UD1040	(UUD9.1 [037[S]-033-100]) - Cable laying and termination	■ (UUD9.1 [037[S]-033-100]) - Cable laying and termina																										
<b>(UUD2) between Inbd Cargo Exam Bldg North (037[N]) to Inbd VCP</b>		▼ 26-Jul-17, (UUD2) between Inbd Cargo Exam Bldg I																										
UD1010	(UUD2 [037[N]-IB VCP]) - Cable laying and termination	■ (UUD2 [037[N]-IB VCP]) - Cable laying and terminat																										
<b>(UUD9.3) between Inbd Private Car Exam Bldg (033) and Inbd Vehicle Clearance Plaza</b>		▼ 09-Aug-17, (UUD9.3) between Inbd Private Car Ex																										
UD1070	(UUD9.3 [033-IB VCP[W]]) - Cable laying and termination	■ (UUD9.3 [033-IB VCP[W]]) - Cable laying and termi																										
<b>(UUD9.2) between Inbd Private Car Exam Bldg (033) and Inbd Vehicle Clearance Plaza</b>		▼ 23-Aug-17, (UUD9.2) between Inbd Private Car E																										
UD1020	(UUD9.2 [033-IB VCP[E]]) - Cable laying and termination	■ (UUD9.2 [033-IB VCP[E]]) - Cable laying and termi																										
<b>Underground Ducting (UUD7) between PCB(001) and Inbd Coach Kiosks(010)</b>		▼ 14-Jun-17, Underground Ducting (UUD3.1) between C																										
<b>Underground Ducting (UUD3.1) between CUE and Outbd Cargo Exam Bldg (023)</b>		■ (UUD3.1 [CUE-023]) - Cable laying and termination;																										
UD1030	(UUD3.1 [CUE-023]) - Cable laying and termination	▼ 28-Jun-17, (UUD3.2) btw OB Car Exam Bldg(023) & C																										
<b>(UUD3.2) btw OB Car Exam Bldg(023) &amp; OB PC Exam Bldg(024) &amp; OB Traffic Control Kiosk (006)</b>		■ (UUD3.2 [023-024-101]) - Cable laying and termination																										
UD1050	(UUD3.2 [023-024-101]) - Cable laying and termination	▼ 13-Jun-17, Underground Ducting (UUD8) between CUE																										
<b>Underground Ducting (UUD8) between CUE and Outbd PCA (032)</b>		■ (UUD8 [CUE-032]) - Cable laying and termination																										
UD1100	(UUD8 [CUE-032]) - Cable laying and termination	▼ 13-Jul-17, (UUD4.1) between Outbd PC Exam Bldg; (																										
<b>(UUD4.1) between Outbd PC Exam Bldg (024) and Outbd Vehicle Clearance Plaza</b>		■ (UUD4.1 [024-OB VCP]) - Cable laying and terminat																										
UD1080	(UUD4.1 [024-OB VCP]) - Cable laying and termination	▼ 27-Jun-17, (UUD5) between Outbd Car Exam Bldg (02																										
<b>(UUD5) between Outbd Car Exam Bldg (023[S]) and Outbd Vehicle Clearance Plaza</b>		■ (UUD5 [023[S]-OB VCP]) - Cable laying and terminat																										
UD1090	(UUD5 [023[S]-OB VCP]) - Cable laying and termination																											
<b>Initial On-Site Test and Commissioning / Pre-SAT (Phase 1 / Section I)</b>																												
<b>Site Acceptance Test (Phase 1 / Section I)</b>																												
<b>Security Risk Assessment and Audit</b>																												
<b>Operability Period Test (Phase 1 / Section I)</b>																												
<b>Completion (Phase 1 /Section I)</b>																												
<b>Training and Document (Phase 1 /Section I)</b>																												
<b>Operation (Phase 1 /Section I)</b>																												
<b>Engineering Support for Phase 1 / Section I</b>																												
<b>Procurement - Phase 2 / Section II</b>																												
<b>Delivery and Bench Acceptance Test for Phase 2/Section II</b>																												
<b>Installation - Phase 2 / Section II</b>		▼ 30-Aug-17, Installation -Phase 2/ Section II																										

Programme No.: HZMB-DWP Data Date: 14-Aug-15	 <p>                     ■ Actual Level of Effort                      --- Primary Baseline                      ■ Actual Work                      ■ Remaining Work                      ■ Critical Remaining Work                      ◆ Baseline Milestone                      ◆ Milestone                 </p>	<p style="text-align: center;"> <b>Hong Kong-Zhuhai-Macao Bridge</b>  <b>Hong Kong Boundary Crossing</b>  <b>Facilities - Automatic Vehicle</b>  <b>Clearance Support System (AVCSS)</b> </p>	<table border="1"> <tr> <th>Date</th> <th>Revision</th> <th>Checked</th> <th>Approved</th> </tr> <tr> <td>14-Nov-16</td> <td>Rev.: 0</td> <td>WC</td> <td>LC</td> </tr> <tr> <td>10-Mar-17</td> <td>Rev.: 1.0a</td> <td>WC</td> <td>LC</td> </tr> <tr> <td>5-May-17</td> <td>Rev.: 1.0b</td> <td>WC</td> <td>LC</td> </tr> </table>	Date	Revision	Checked	Approved	14-Nov-16	Rev.: 0	WC	LC	10-Mar-17	Rev.: 1.0a	WC	LC	5-May-17	Rev.: 1.0b	WC	LC
Date	Revision	Checked	Approved																
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		Q2			Q3			Q4			Q1			Q2			Q3			Q4			Q1			Q2			Q3			Q4			Q1			Q2			Q3			Q4																																															
<b>Location 8(Inbd Private Car Annex (025)) (Phase 2)</b>																																																								▼ 30-Aug-17; Location 8(Inbd Private Car Annex (025))																																			
EM3370	L8(025) - Cable Containment in Kiosks																																																							■ L8(025) - Cable Containment in Kiosks																																			
EM3380	L8(025) - Cable Laying and termination																																																							■ L8(025) - Cable Laying and termination																																			
EM3400	L8(025) - Cable Splicing and Testing and Labeling																																																							■ L8(025) - Cable Splicing and Testing and Labeling																																			
<b>Location 9(Outbd Private Car Annex (032)) (Phase 2)</b>																																																								▼ 30-Aug-17; Location 9(Outbd Private Car Annex (032))																																			
EM3500	L9(032) - Cable Containment in Kiosks																																																							■ L9(032) - Cable Containment in Kiosks																																			
EM3520	L9(032) - Cable Laying and termination																																																							■ L9(032) - Cable Laying and termination																																			
<b>Initial On-Site Test and Commissioning / Pre-SAT (Phase 2 / Section II)</b>																																																																																											
<b>Site Acceptance Test (Phase 2 / Section II)</b>																																																																																											
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<b>Delivery and Bench Acceptance Test for Phase2 / Section III</b>																																																																																											
<b>Installation - Phase 2 / Section III</b>																																																																																											
<b>Location 10,11,12,13 (Vehicle Clearance Kiosks)</b>																																																																																											
<b>Location 12 Inbd Private Car Kiosks (027) - 12 nos (Phase 2)</b>																																																																																											
EM4440	L12(027)(12nos P2) - Cable Laying and termination																																																							■ L12(027)(12nos P2) - Cable Laying and termination																																			
EM4460	L12(027)(12nos P2) - Cable Splicing and Testing and Labeling																																																							■ L12(027)(12nos P2) - Cable Splicing and Testing and Labeling																																			
EM4480	L12(027)(12nos P2) - AVCSS/DOH/MOM Kiosk Equipment Installation (12 nos)																																																							■ L12(027)(12nos P2) - AVCSS/DOH/MOM Kiosk Equipment Installation (12 nos)																																			
<b>Location 13 Outbd Private Car Kiosks (030) - 12 nos (Phase 2)</b>																																																								▼ 01-Sep-17; Location 13 Outbd Private Car Kiosks																																			
EM4560	L13(030)(12nos P2) - Cable Containment in Kiosks																																																							■ L13(030)(12nos P2) - Cable Containment in Kiosks																																			
<b>Location 12 Outbd Goods Vehicle Kiosks (029) - 3 nos (Phase 2)</b>																																																								▼ 31-Aug-17; Location 12 Outbd Goods Vehicle Kiosks																																			
EM4880	L12(029)(3nos P2) - Cable Laying and termination																																																							■ L12(029)(3nos P2) - Cable Laying and termination																																			
EM4900	L12(029)(3nos P2) - Cable Splicing and Testing and Labeling																																																							■ L12(029)(3nos P2) - Cable Splicing and Testing and Labeling																																			
EM4920	L12(029)(3nos P2) - AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)																																																							■ L12(029)(3nos P2) - AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)																																			
EM4940	L12(029)(3nos P2) - ODB & XDB Installation (3 nos)																																																							■ L12(029)(3nos P2) - ODB & XDB Installation (3 nos)																																			
EM4960	L12(029)(3nos P2) - AIOP Installation (3 nos)																																																							■ L12(029)(3nos P2) - AIOP Installation (3 nos)																																			
EM4980	L12(029)(3nos P2) - Loop Installation (15 nos)																																																							■ L12(029)(3nos P2) - Loop Installation (15 nos)																																			
<b>Location 11 Outbd Coach Kiosks (009) - 4 nos (Phase 2)</b>																																																																																											
<b>Location 12 Inbd Goods Vehicle Kiosks (028) - 3 nos (Phase 2)</b>																																																								▼ 24-Aug-17; Location 12 Inbd Goods Vehicle Kiosks																																			
EM4720	L12(028)(3nos P2) - Cable Laying and termination																																																							■ L12(028)(3nos P2) - Cable Laying and termination																																			
EM4740	L12(028)(3nos P2) - Cable Splicing and Testing and Labeling																																																							■ L12(028)(3nos P2) - Cable Splicing and Testing and Labeling																																			
EM4760	L12(028)(3nos P2) - AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)																																																							■ L12(028)(3nos P2) - AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)																																			
EM4780	L12(028)(3nos P2) - ODB & XDB Installation (3 nos)																																																							■ L12(028)(3nos P2) - ODB & XDB Installation (3 nos)																																			
EM4800	L12(028)(3nos P2) - AIOP Installation (3 nos)																																																							■ L12(028)(3nos P2) - AIOP Installation (3 nos)																																			
EM4820	L12(028)(3nos P2) - Loop Installation (15 nos)																																																							■ L12(028)(3nos P2) - Loop Installation (15 nos)																																			
EM4840	L12(028)(3nos P2) - Kiosk Equipment Configuration (3 nos)																																																							■ L12(028)(3nos P2) - Kiosk Equipment Configuration (3 nos)																																			
EM5120	L12(028)(3nos P2) - Inbd Goods Vehicle Kiosks Installation Complete																																																							◆ L12(028)(3nos P2) - Inbd Goods Vehicle Kiosks Installation Complete																																			
<b>Location 10 Shuttle Bus Kiosks (006) - 4 nos (Phase 2)</b>																																																								▼ 30-Aug-17; Location 10 Shuttle Bus Kiosks (006)																																			
EM4000	L10(006)(4nos P2) - Cable Containment in Kiosks																																																							■ L10(006)(4nos P2) - Cable Containment in Kiosks																																			
<b>Location 11 Inbd Coach Kiosks (010) - 2 nos (Phase 2)-1</b>																																																																																											
<b>Location 11 Inbd Coach Kiosks (010) - 2 nos (Phase 2)-2</b>																																																																																											
<b>Initial On-Site Test and Commissioning / Pre-SAT (Phase 2 / Section III)</b>																																																																																											

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- Actual Level of Effort
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- summary
- Baseline Milestone
- Milestone

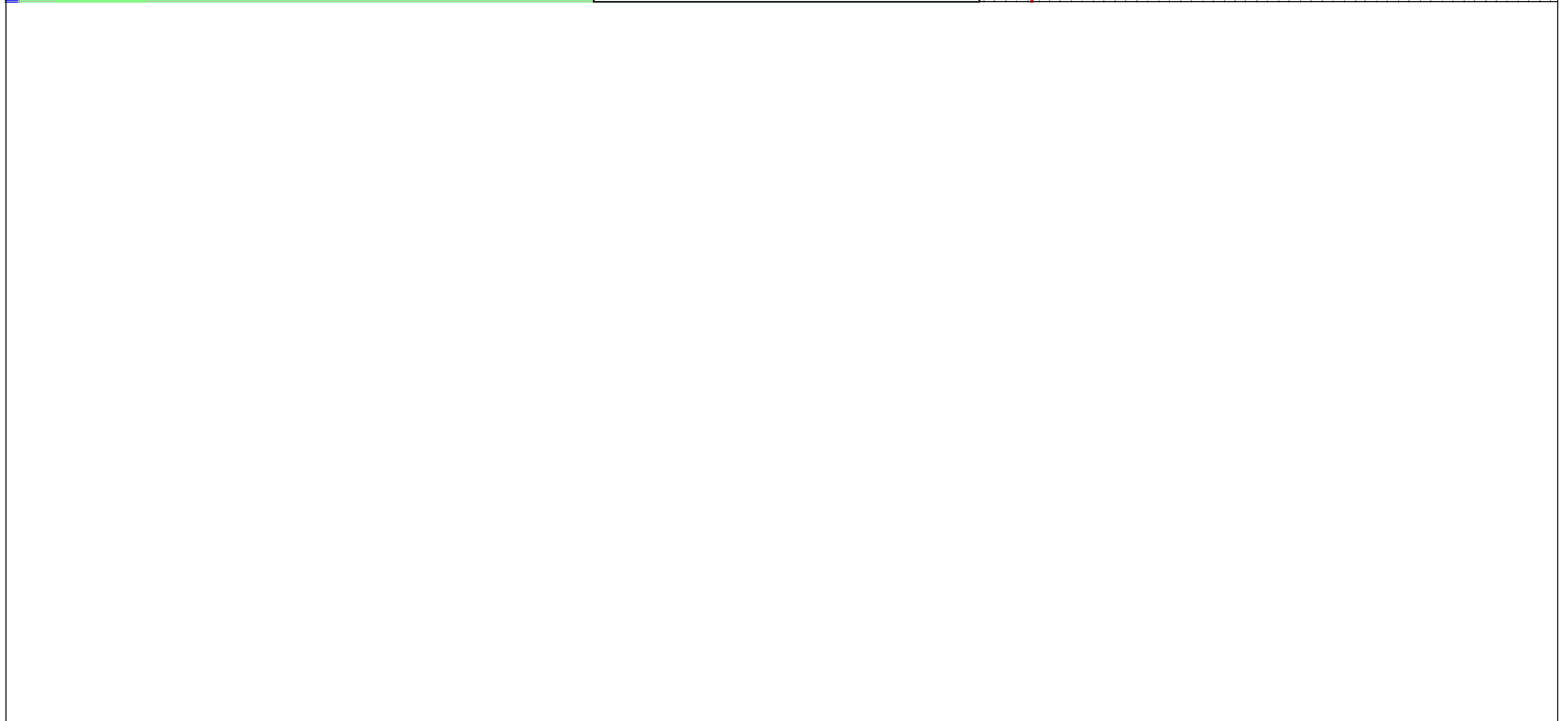
Hong Kong-Zhuhai-Macao Bridge  
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Activity ID	Activity Name
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2015			2016				2017				2018				2019		
Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3

-  Site Acceptance Test (Phase 2 / Section III)
-  Operability Period Test (Phase 2 / Section III)
-  Completion (Phase 2 / Section III)
-  Operation (Phase 2 / Section III)
-  Defect Liability Period (DLP)
-  Document Submission (Phase 2 / Section III)



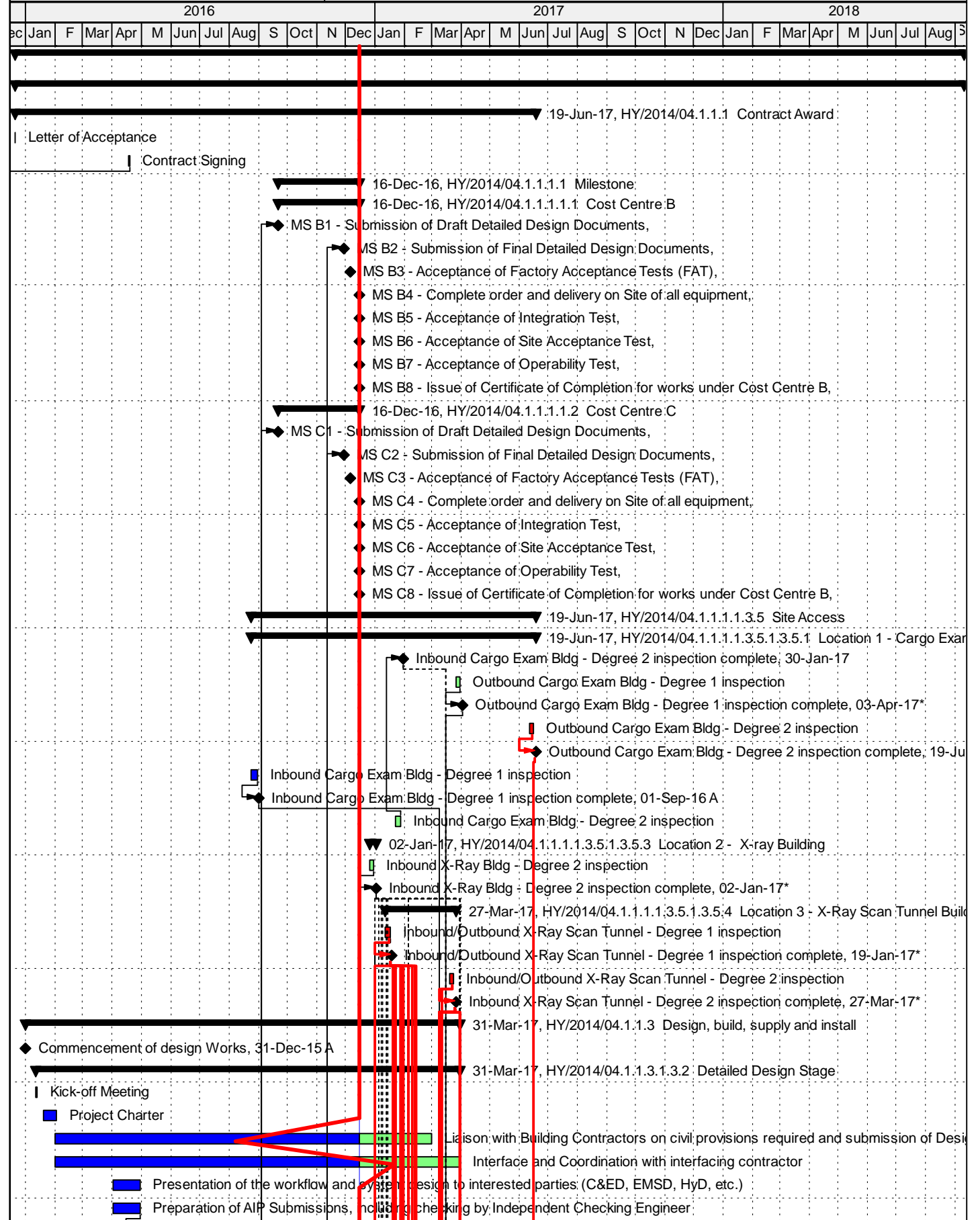
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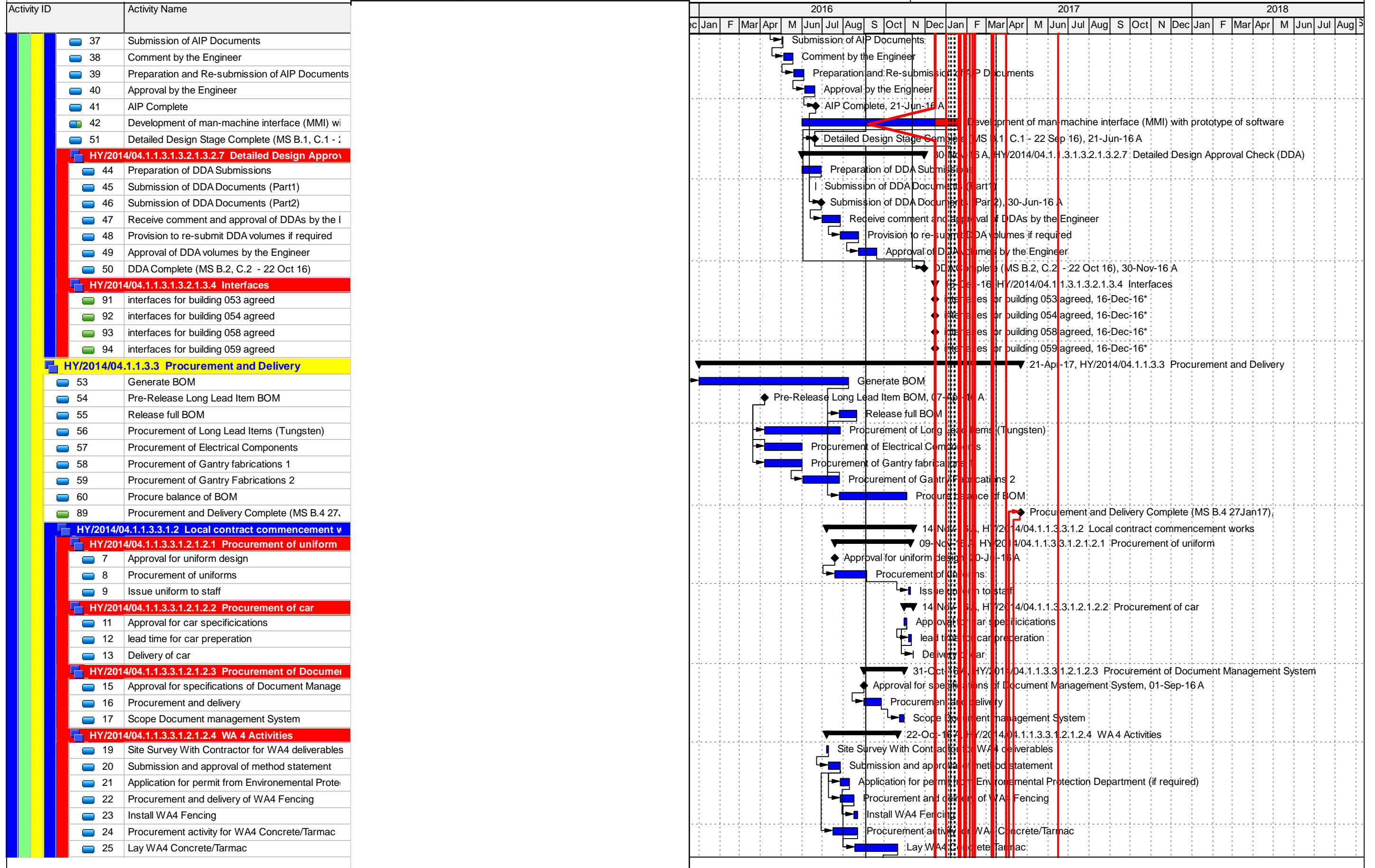
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Hong Kong-Zhuhai-Macao Bridge  
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Activity ID	Activity Name
<b>HY/2014/04 Hong Kong-Zhuhai-Macao Bridge</b>	
<b>HY/2014/04.1 Contract No. HY/2014/04 Hong Kong-Zhuhai-Macao Bridge</b>	
<b>HY/2014/04.1.1.1 Contract Award</b>	
3	Letter of Acceptance
4	Contract Signing
<b>HY/2014/04.1.1.1.1 Milestone</b>	
<b>HY/2014/04.1.1.1.1.1 Cost Centre B</b>	
A1C	MS B1 - Submission of Draft Detailed Design Documents
A1C	MS B2 - Submission of Final Detailed Design Documents
A1C	MS B3 - Acceptance of Factory Acceptance Tests (FAT)
A1C	MS B4 - Complete order and delivery on Site of all equipment
A1C	MS B5 - Acceptance of Integration Test
A1C	MS B6 - Acceptance of Site Acceptance Test
A1C	MS B7 - Acceptance of Operability Test
A1C	MS B8 - Issue of Certificate of Completion for works under Cost Centre B
<b>HY/2014/04.1.1.1.1.2 Cost Centre C</b>	
A1C	MS C1 - Submission of Draft Detailed Design Documents
A11	MS C2 - Submission of Final Detailed Design Documents
A11	MS C3 - Acceptance of Factory Acceptance Tests (FAT)
A11	MS C4 - Complete order and delivery on Site of all equipment
A11	MS C5 - Acceptance of Integration Test
A11	MS C6 - Acceptance of Site Acceptance Test
A11	MS C7 - Acceptance of Operability Test
A11	MS C8 - Issue of Certificate of Completion for works under Cost Centre C
<b>HY/2014/04.1.1.1.3.5 Site Access</b>	
<b>HY/2014/04.1.1.1.3.5.1.3.5.1 Location 1 - Cargo Exam Bldg - Degree 1 inspection</b>	
100	Inbound Cargo Exam Bldg - Degree 2 inspection
102	Outbound Cargo Exam Bldg - Degree 1 inspection
103	Outbound Cargo Exam Bldg - Degree 1 inspection
104	Outbound Cargo Exam Bldg - Degree 2 inspection
105	Outbound Cargo Exam Bldg - Degree 2 inspection
97	Inbound Cargo Exam Bldg - Degree 1 inspection
98	Inbound Cargo Exam Bldg - Degree 1 inspection
99	Inbound Cargo Exam Bldg - Degree 2 inspection
<b>HY/2014/04.1.1.1.3.5.1.3.5.3 Location 2 - X-ray Building</b>	
107	Inbound X-Ray Bldg - Degree 2 inspection
108	Inbound X-Ray Bldg - Degree 2 inspection complete
<b>HY/2014/04.1.1.1.3.5.1.3.5.4 Location 3 - X-Ray Scan Tunnel Building</b>	
110	Inbound/Outbound X-Ray Scan Tunnel - Degree 1 inspection
111	Inbound/Outbound X-Ray Scan Tunnel - Degree 1 inspection
112	Inbound/Outbound X-Ray Scan Tunnel - Degree 2 inspection
113	Inbound X-Ray Scan Tunnel - Degree 2 inspection
<b>HY/2014/04.1.1.3 Design, build, supply and install</b>	
28	Commencement of design Works
<b>HY/2014/04.1.1.3.1.3.2 Detailed Design Stage</b>	
30	Kick-off Meeting
31	Project Charter
32	Liaison with Building Contractors on civil provisions required and submission of Design
33	Interface and Coordination with interfacing contractor
35	Presentation of the workflow and system design to interested parties (C&ED, EMSD, HyD, etc.)
36	Preparation of AIP Submissions, including check





█ Actual Level of Effort    █ Remaining Work    ◆ Milestone  
█ Actual Work    █ Critical Remaining Work    ▼ summary











Activity ID	Activity Name	2016												2017												2018												
		Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	S	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	S	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	S			
322	Construction Works - Section III Complete																																					
320	Cabling and cable containment																																					
321	Installation of X-ray System Image Analysis Workstations, UPS for workstations, equipment and system																																					
335	Operability Test																																					
336	T&C Complete and Issurance of Certificate of Acceptance, 05-Sep-17																																					
345	Construction Works Complete, 05-Sep-17																																					
359	Defect Liability Period																																					
360	Submission of Warranty Completion Test Plan																																					
361	Warranty Completion Test																																					
362	DLP Complete and issuance of Defect Liability Certificate																																					
363	Commencement of Maintenance Services																																					
325	Submission of Integration Test Plan																																					
326	Integration Test																																					
327	Preparation, submission and acceptance of Integration Test report																																					
327.5	Complete Inegration Test (MS B.5 - 3 Mar 17)																																					
329	Submission of SAT Plan																																					

█ Actual Level of Effort    █ Remaining Work    ◆◆ Milestone  
█ Actual Work    █ Critical Remaining Work    ▼ summary

