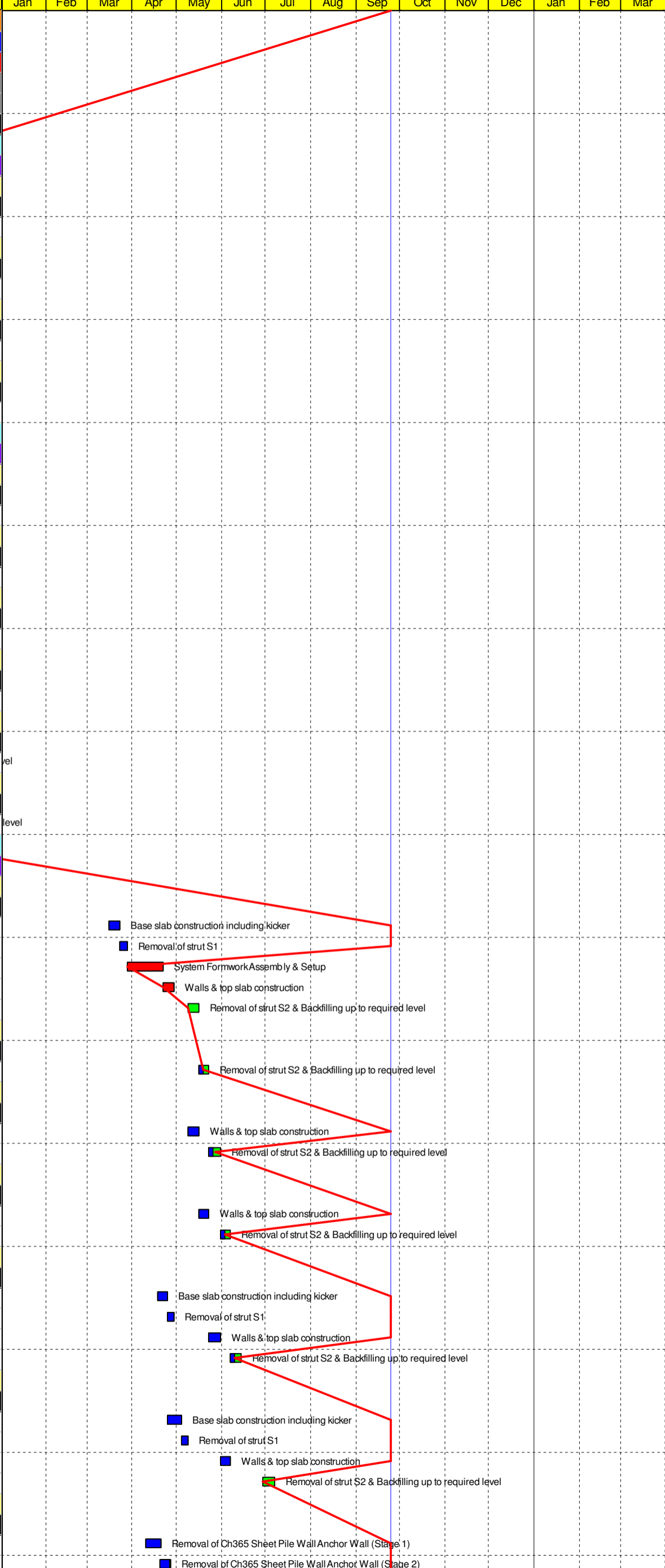
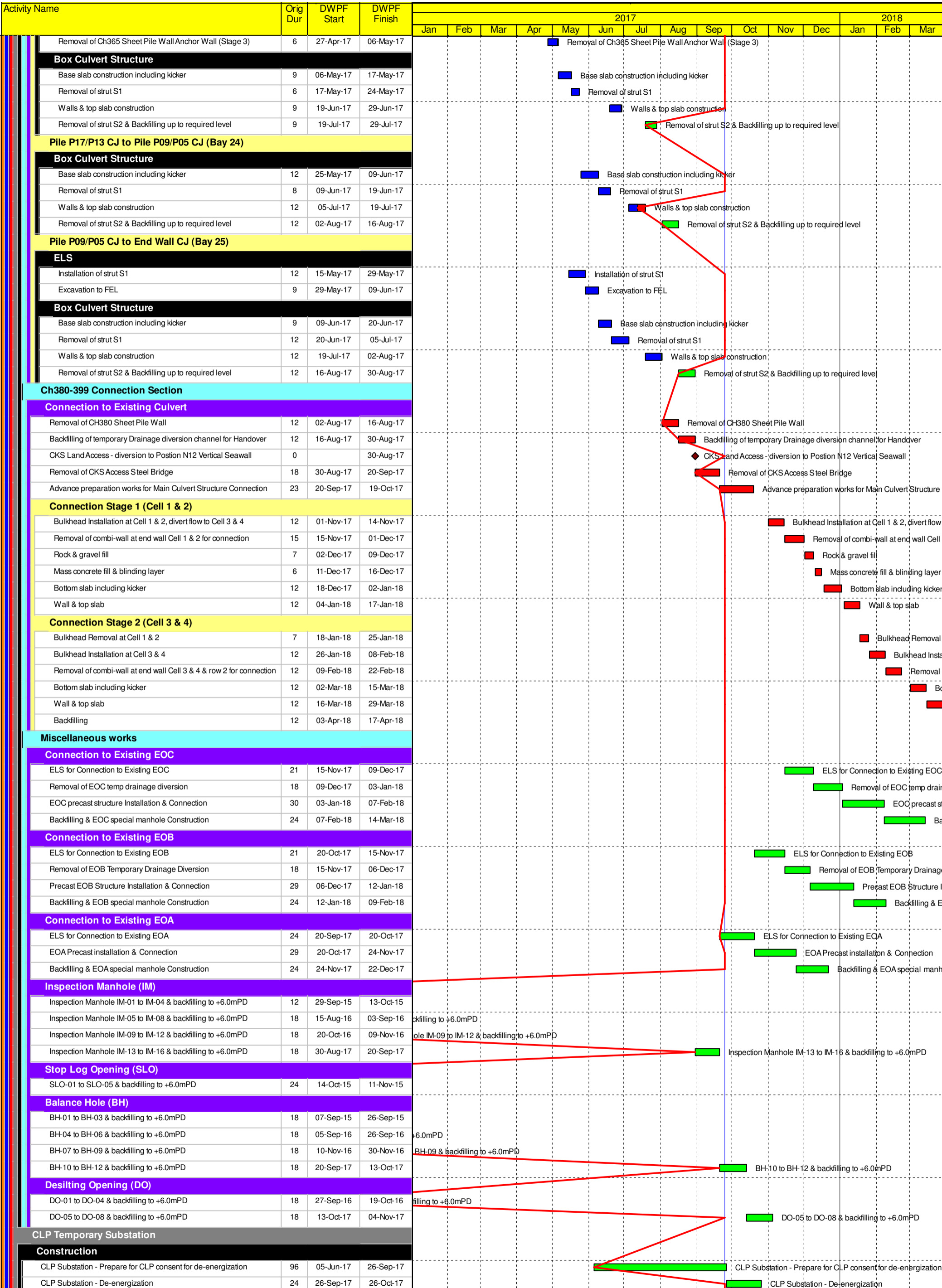


TMCLK - Northern Connection Sub-Sea Tunnel Section			
Construction			
Northern Landfall			
North Reclamation (Phase 1)			
Box Culvert Extension			
Construction			
CH100-150 Land Section			
ELS & Structure			
Pile A41/A39 CJ to Pile A39/A37 CJ (Bay 7)			
Box Culvert Structure			
Removal of strut S2 & Backfilling up to required level	6	03-Jun-16	10-Jun-16
Pile A39/A37 CJ to Pile A37/A35 CJ (Bay 8)			
Box Culvert Structure			
Removal of strut S2 & Backfilling up to required level	6	11-Jun-16	17-Jun-16
Pile A37/A35 CJ to Pile A35/A33 CJ (Bay 9)			
Box Culvert Structure			
Removal of strut S2 & Backfilling up to required level	6	18-Jun-16	24-Jun-16
Pile A35/A33 CJ to Pile A33/P117 CJ (Bay 10)			
Box Culvert Structure			
Removal of strut S2 & Backfilling up to required level	6	25-Jun-16	02-Jul-16
Ch150-250 Marine Section			
ELS & Structure			
Pile A33/P117 CJ to Pile P113/P109 CJ (Bay 11)			
Box Culvert Structure			
Removal of strut S2 & Backfilling up to required level	6	04-Jul-16	09-Jul-16
Pile P113/P109 CJ to Pile P105/P101 CJ (Bay 12)			
Box Culvert Structure			
Removal of strut S2 & Backfilling up to required level	6	11-Jul-16	16-Jul-16
Pile P105/P101 CJ to Pile P97/P93 CJ (Bay 13)			
Box Culvert Structure			
Removal of strut S2 & Backfilling up to required level	6	18-Jul-16	23-Jul-16
Pile P97/P93 CJ to Pile P89/P85 CJ (Bay 14)			
Box Culvert Structure			
Removal of strut S2 & Backfilling up to required level	6	25-Jul-16	30-Jul-16
Pile P89/P85 CJ to Pile P81/P77 CJ (Bay 15)			
Box Culvert Structure			
Removal of strut S2 & Backfilling up to required level	6	01-Aug-16	06-Aug-16
Pile P81/P77 CJ to Pile P73/P69 CJ (Bay 16)			
Box Culvert Structure			
Removal of strut S2 & Backfilling up to required level	6	08-Aug-16	13-Aug-16
Ch250-380 Marine Section			
ELS & Structure			
Pile P73/P69 CJ to Pile P65/P61 CJ (Bay 17)			
Box Culvert Structure			
Base slab construction including kicker	6	16-Mar-17	23-Mar-17
Removal of strut S1	4	23-Mar-17	28-Mar-17
System Formwork Assembly & Setup	18	28-Mar-17	22-Apr-17
Walls & top slab construction	6	22-Apr-17	29-Apr-17
Removal of strut S2 & Backfilling up to required level	6	09-May-17	16-May-17
Pile P65/P61 CJ to Pile P57/P53 CJ (Bay 18)			
Box Culvert Structure			
Removal of strut S2 & Backfilling up to required level	6	16-May-17	23-May-17
Pile P57/P53 CJ to Pile P49/P45 CJ (Bay 19)			
Box Culvert Structure			
Walls & top slab construction	6	09-May-17	16-May-17
Removal of strut S2 & Backfilling up to required level	6	23-May-17	31-May-17
Pile P49/P45 CJ to Pile P41/P37 CJ (Bay 20)			
Box Culvert Structure			
Walls & top slab construction	6	16-May-17	23-May-17
Removal of strut S2 & Backfilling up to required level	6	31-May-17	07-Jun-17
Pile P41/P37 CJ to Pile P33/P29 CJ (Bay 21)			
Box Culvert Structure			
Base slab construction including kicker	6	18-Apr-17	25-Apr-17
Removal of strut S1	4	25-Apr-17	29-Apr-17
Walls & top slab construction	6	23-May-17	31-May-17
Removal of strut S2 & Backfilling up to required level	6	07-Jun-17	14-Jun-17
Pile P33/P29 CJ to Pile P25/P21 CJ (Bay 22)			
Box Culvert Structure			
Base slab construction including kicker	6	25-Apr-17	04-May-17
Removal of strut S1	4	04-May-17	09-May-17
Walls & top slab construction	6	31-May-17	07-Jun-17
Removal of strut S2 & Backfilling up to required level	6	29-Jun-17	07-Jul-17
Pile P25/P21 CJ to Pile P17/P13 CJ (Bay 23)			
ELS			
Removal of Ch365 Sheet Pile Wall Anchor Wall (Stage 1)	6	10-Apr-17	20-Apr-17
Removal of Ch365 Sheet Pile Wall Anchor Wall (Stage 2)	6	20-Apr-17	27-Apr-17



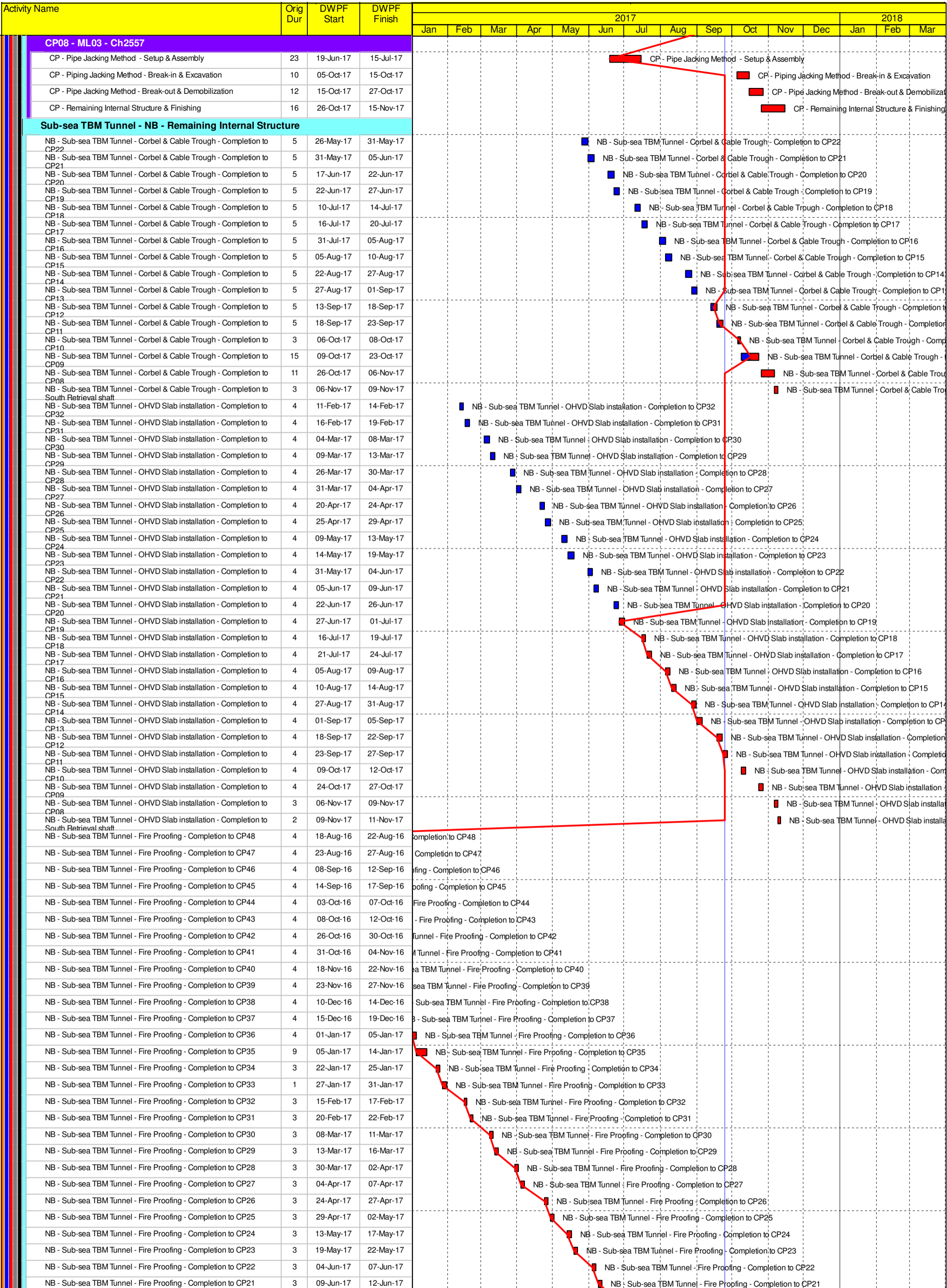
■	Planned Bar
■	Planned Bar - Critical
◆	Planned Milestone
■	Progress bar
◆	Progress Milestone

Date	Revision	Checked	Approved
12-Feb-14	TMCLKDBUGENPRG.98507	WYu	SPo
08-Apr-14	TMCLKDBUGENPRG.98507	SPo	WYu
28-Aug-14	TMCLKDBUGENPRG.98507	CLa	WYu
30-Oct-15	TMCLKDBUGENPRG.98507	WYu	



■ Planned Bar
■ Planned Bar - Critical
◆ Planned Milestone
■ Progress bar
◆ Progress Milestone

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■ Planned Bar
■ Planned Bar - Critical
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Activity Name	Orig Dur	DWP Start	DWP Finish	2017												2018			
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
				NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP20	3	26-Jun-17	29-Jun-17												
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP19	3	01-Jul-17	04-Jul-17																
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP18	3	20-Jul-17	22-Jul-17																
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP17	3	25-Jul-17	27-Jul-17																
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP16	3	09-Aug-17	12-Aug-17																
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP15	3	14-Aug-17	18-Aug-17																
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP14	3	31-Aug-17	03-Sep-17																
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP13	3	05-Sep-17	08-Sep-17																
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP12	3	22-Sep-17	25-Sep-17																
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP11	3	27-Sep-17	30-Sep-17																
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP10	3	13-Oct-17	15-Oct-17																
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP09	3	28-Oct-17	30-Oct-17																
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP08	2	09-Nov-17	11-Nov-17																
NB - Sub-sea TBM Tunnel - Fire Proofing - Completion to South Retrieval Shaft	3	11-Nov-17	14-Nov-17																
NB - Sub-sea TBM Tunnel - Road Level Fire Proofing	334	22-Mar-17	15-May-18																
NB Tunnel - Road works & Road marking	155	17-Jan-18	02-Aug-18																

Sub-sea TBM Tunnel - SB - Remaining Internal Structure				2017												2018		
Activity Name	Orig Dur	DWP Start	DWP Finish	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP19	5	22-Jun-17	27-Jun-17															
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP18	5	10-Jul-17	14-Jul-17															
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP17	5	16-Jul-17	20-Jul-17															
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP16	5	31-Jul-17	05-Aug-17															
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP15	5	05-Aug-17	10-Aug-17															
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP14	5	22-Aug-17	27-Aug-17															
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP13	5	27-Aug-17	01-Sep-17															
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP12	5	13-Sep-17	18-Sep-17															
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP11	5	18-Sep-17	23-Sep-17															
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP10	5	06-Oct-17	10-Oct-17															
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP09	5	11-Oct-17	15-Oct-17															
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to CP08	5	26-Oct-17	31-Oct-17															
SB - Sub-sea TBM Tunnel - Corbel & Cable Trough - Completion to South Retrieval shaft	5	31-Oct-17	05-Nov-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP26	5	20-Apr-17	25-Apr-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP25	5	25-Apr-17	30-Apr-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP24	5	09-May-17	14-May-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP23	5	14-May-17	20-May-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP22	5	31-May-17	05-Jun-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP21	5	05-Jun-17	10-Jun-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP20	5	22-Jun-17	27-Jun-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP19	5	27-Jun-17	02-Jul-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP18	5	16-Jul-17	20-Jul-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP17	5	21-Jul-17	25-Jul-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP16	5	05-Aug-17	10-Aug-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP15	5	10-Aug-17	16-Aug-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP14	5	27-Aug-17	01-Sep-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP13	5	01-Sep-17	06-Sep-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP12	5	18-Sep-17	23-Sep-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP11	5	23-Sep-17	28-Sep-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP10	5	11-Oct-17	15-Oct-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP09	3	16-Oct-17	18-Oct-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to CP08	3	31-Oct-17	03-Nov-17															
SB - Sub-sea TBM Tunnel - OHVD Slab installation - Completion to South Retrieval shaft	3	05-Nov-17	08-Nov-17															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP48	5	19-Aug-16	24-Aug-16															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP47	5	24-Aug-16	29-Aug-16															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP46	5	09-Sep-16	14-Sep-16															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP45	5	14-Sep-16	19-Sep-16															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP44	5	04-Oct-16	09-Oct-16															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP43	5	09-Oct-16	14-Oct-16															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP42	5	27-Oct-16	01-Nov-16															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP41	5	01-Nov-16	06-Nov-16															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP40	5	19-Nov-16	24-Nov-16															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP39	5	24-Nov-16	29-Nov-16															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP38	5	11-Dec-16	16-Dec-16															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP37	5	16-Dec-16	21-Dec-16															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP36	5	02-Jan-17	07-Jan-17															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP35	7	07-Jan-17	14-Jan-17															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP34	3	21-Jan-17	24-Jan-17															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP33	2	26-Jan-17	31-Jan-17															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP32	3	16-Feb-17	18-Feb-17															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP31	4	21-Feb-17	24-Feb-17															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP30	4	09-Mar-17	13-Mar-17															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP29	4	14-Mar-17	18-Mar-17															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP28	4	31-Mar-17	04-Apr-17															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP27	4	05-Apr-17	09-Apr-17															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP26	4	25-Apr-17	29-Apr-17															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP25	4	30-Apr-17	04-May-17															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP24	4	14-May-17	19-May-17															
SB - Sub-sea TBM Tunnel - Fire Proofing - Completion to CP23	4	20-May-17	24-May-17															

