

Construction Programme (Draft - Nov 2009)

(Based on scenario B - moving production shaft from Aber to Cyberport)

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	2010			2011			2012			2013		
						A	S	D	J	A	S	D	J	F	A	J	A
HATS2A - CONSTRUCTION PROGRAMME (Draft - Nov 2009)																	
CONTRACT NO. DC/2007/24																	
CONSTRUCTION																	
ABERDEEN																	
Construction Works																	
Site Establishment																	
Mobilisation																	
1253	Aberd - Mobilisation / Site Clearance	21	31-Jul-09	24-Aug-09	106												
1254	Aberd - Initial Site Survey	18	14-Aug-09	03-Sep-09	115												
1255	Aberd - Procure Subcon for Transplanted Trees	12	14-Aug-09	27-Aug-09	109												
1256	Aberd - Submit & Appvl Method Statement by the Engr	12	28-Aug-09	10-Sep-09	109												
1257	Aberd - Transplanted Tree	21	16-Oct-09	10-Nov-09	81												
1258	Aberd - Erect Hoardings / Chainlink Fence	12	16-Oct-09	30-Oct-09	81												
1268	Aberd - Wheel Washing Facilities	12	31-Oct-09	13-Nov-09	81												
Re-Provisional of Operator Office and Temporary Structure																	
1259	Aberd - Liason with Operator / Facilities	18	25-Aug-09	14-Sep-09	106												
1264	Aberd - Agreed the location and detail requirements	12	15-Sep-09	28-Sep-09	106												
1266	Aberd - Procure Subcon for temporary operator office	7	29-Sep-09	08-Oct-09	126												
1267	Aberd - Set-Up & Erect Temporary Operator Office	10	09-Oct-09	20-Oct-09	126												
Demolition Works																	
1269	Aberd - Procure Subcon for Demolition Works	21	31-Jul-09	24-Aug-09	134												
1272	Aberd - Submit & Appvl of Demolition Method Statement	21	25-Aug-09	17-Sep-09	134												
1274	Aberd - Erect Hoardings to Existing Structure	18	18-Sep-09	10-Oct-09	134												
1276	Aberd - Demolition of Existing Structure & Clean	18	14-Nov-09	04-Dec-09	106												
Aberdeen Obstruction Structure																	
1288	Aberd - Revised Design Including ICE Certification + Method Statement	18	27-Oct-09*	16-Nov-09	12												
1292	Aberd - Trial Pit	12	04-Nov-09	17-Nov-09	12												
1294	Aberd - ER consent to commence	6	17-Nov-09	23-Nov-09	1499												
1296	Aberd - Verify design	6	18-Nov-09	24-Nov-09	12												
1330	Aberd - Remove obstruction and backfill	60	25-Nov-09	05-Feb-10	12												

- ◆ Milestone
- Actual Bar
- Critical Bar
- Current Bar

Contract No DC/2007/24

HATS - Harbour Area Treatment Scheme (Stage 2A)

Leighton - LNS Joint Venture

Date	Revision	Checked	Approved
09-Oct-09	Revised Initial Works Programme (...)	MB	JN



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						A	S	D	J	A	J	J	A	S	D	J				J	J	A	S	D	J	F	A	J	J	A	S	J	A	J	J	A	S						
Pre-drilling Works																																											
1290	Cyberport - Procure Subcon for Pre-Drilling Holes	21	02-Oct-09	28-Oct-09	23																																						
1310	Cyberport - Submit & Appvl of Pre-drilling Method Statement by the Engr	18	29-Oct-09	18-Nov-09	23																																						
1570	Cyberport - Predrilling Holes (4-nos)	21	19-Nov-09	12-Dec-09	23																																						
1572	Cyberport - Submit Report to the Engineer	6	14-Dec-09	19-Dec-09	23																																						
Geotechnical Monitoring																																											
Drop Shaft																																											
1331	Cyberport - Appoint Geotechnical Monitoring Team	18	31-Aug-09	19-Sep-09	27																																						
1574	Cyberport - Takeover Existing Instrument	24	31-Aug-09	26-Sep-09	21																																						
1576	Cyberport - Procure Subcon for Geotechnical Monitoring	18	28-Sep-09	20-Oct-09	21																																						
1578	Cyberport - Submit & Appvl Method Statement by the Engr	12	21-Oct-09	04-Nov-09	21																																						
1580	Cyberport - Install Automatic Grd Monitoring Devices (AGMD) & Piezom...	18	05-Nov-09	25-Nov-09	21																																						
1582	Cyberport - Install GSM, UMP and SSM Instruments	12	12-Nov-09	25-Nov-09	21																																						
1584	Cyberport - Install Vibration and seismographs	10	26-Nov-09	07-Dec-09	21																																						
Tunnel N																																											
1454	Tunnel N - Install Automatic Grd Monitoring Devices (AGMD) & Piezom...	18	26-Nov-09	16-Dec-09	478																																						
1445	Tunnel N - Install GSM, UMP and SSM Instruments	12	17-Dec-09	02-Jan-10	478																																						
1447	Tunnel N - Install Vibration and seismographs	10	04-Jan-10	14-Jan-10	478																																						
Temporary Ventilation System																																											
1369	Cyberport Ventilation Syst - Setup Main Fan (Containerized) Adjacent t...	12	02-Mar-10	15-Mar-10	82																																						
1371	Cyberport Ventilation Syst - Install Equipments, Fan Connection and T&C...	30	16-Mar-10	23-Apr-10	82																																						
1373	Cyberport Ventilation Syst - Install ventilation ducts for drop shaft	45	30-Mar-10	27-May-10	82																																						
1395	Cyberport Ventilation Syst - Install ventilation ducts for Tunnel N	90	10-May-10	25-Aug-10	301																																						
Cyberport Temporary Works - Production / Drop Shaft																																											
Cyberport - Pipe Pile wall																																											
1073	Cyberport Prod /Drop Shaft - FULL ACCESS TO PIPE PILE WALL CONTR...	0	08-Dec-09		21																																						
1644	Cyberport Prod /Drop Shaft - Pipe Pile Set Up on Site	12	09-Dec-09	22-Dec-09	21																																						
1634	Cyberport Prod /Drop Shaft - Install pipepiles for Dropshaft (12m ID)	34	24-Dec-09	04-Feb-10	20																																						
1642	Cyberport Prod /Drop Shaft - Install Dewatering Wells	16	18-Jan-10	04-Feb-10	115																																						
1047	Cyberport Prod /Drop Shaft - Setup lifting facilities	12	22-Jan-10	04-Feb-10	127																																						
1640	Cyberport Prod /Drop Shaft - Curtain grout hole drilling /Curtain grouting	45	05-Feb-10	09-Apr-10	70																																						
1632	Cyberport Prod /Drop Shaft - Pumping Test	12	10-Apr-10	23-Apr-10	70																																						
Cyberport - Soft Excavation																																											
1636	Cyberport Prod /Drop Shaft - Excav down to Rockhead level (Soft) 13m...	13	24-Apr-10	10-May-10	70																																						
Cyberport - Excavation of rock to tunnel level																																											

