

### Appendix 1. Time schedule and Transects Index for 2001/2002 survey

Local Date	Jday (GMT)	Event	Location	Transect	Transect Rename	ACW0	ACW0 Rename	Notes
6-Dec-01	J340							Wanagan power cables , RACKs mounting, LLR Onset configuration and DAWG modifications
7-Dec-01	J341							Wanagan power cables , RACKs mounting, Log-Periodic Antennas (LPA) setup
8-Dec-01	J342							Wanagan power cables , RACKs mounting, antennas cables (12.296 m), LPA tune measurements
9-Dec-01	J343							GPS, TRIMFLIGHT, DAWG modifications, Trigger-Divider
10-Dec-01	J344							GPS, TRIMFLIGHT, DAWG modifications, Trigger-Divider
11-Dec-01	J345	MT15	camp	MT15a,b		MT15a	MT15a	First equipment test with LPA on aluminum boom (did not work)
						MT15b	MT15b	
12-Dec-01	J346	MT16	camp	MT16a,b,c		MT16a	MT16a	Flat-Plate Aircraft Dipole Antennas setup – on sleds, parallel, cross track polarization
						MT16b	MT16b	Antennas tune measurements, signal/noise problems
						MT16c	MT16c	
13-Dec-01	J347	MT17	camp	MT17a		MT17a	MT17a	Antennas on sleds (noise)
		MT18	camp	MT18a		MT18a	MT18a	
14-Dec-01	J348	MT19	camp	MT19a		MT19a	MT19a	Antennas on sleds, HPPA/Input, LLR/test (noise)
15-Dec-01	J349	MT20	camp	MT20a,b,c,d,e		MT20a	MT20a	Antennas on sleds, DAWG modifications (noise)
						MT20b	MT20b	
						MT20c	MT20c	
						MT20d	MT20d	
						MT20e	MT20e	
16-Dec-01	J350	MT21	I11-14	MT21a,b		MT21a	MT21a	Antennas on sleds, DAWG modifications, meandering drive in whiteout (noise)
						MT21b	MT21b	
17-Dec-01	J351	MT22	camp	MT22a		MT22a	MT22a	Antennas on sleds, oscilloscope, HPPA/4000 V, chickenwire (noise)
		MT23	camp	MT23a		MT23a	MT23a	
18-Dec-01	J352	D01	I11-20	I01a	I 01a	I01a	I 01a	Antennas on sleds, antennas tuning, bad construction for antennas cables (noise, choppy bed)
		D01	I20-11	I01b	I 01b	I01b	I 01b	
19-Dec-01	J353							Antennas configuration experiment, antennas tune measurements, broken antennas cables
20-Dec-01	J354	D02	I11-20	I01c,d	I 02a	I01c	I 02a	Antennas setup – top of Wanagan, cross track polarization
		D02				I01d	I 02b	
		D02	I20-11	I01e,f,g	I 02b	I01g	I 02c	
21-Dec-01	J355							New antennas cables (L-12.140/R-12.156 m and 7.000 m), antennas tune measurements
22-Dec-01	J356	D03	I11-20	I03a	I 03a	I03a	I 03a	Antennas – top/bottom of Wanagan, antennas tuning, 60MHz Inverter (noise, weak/no bed)
		D03	I20-11	I03b	I 03b	I03b	I 03b	

23-Dec-01	J357	D04	I11-20	I04a	I 04a	I04a	I 04a	Antennas – bottom 5" higher (on sleds better ), TUD power test, LLR-4, PMX-4, PPA-3, HPPA-3A,4B
		D04	I20-14	I04b	I 04b	I04b	I 04b	
		D04	I14-11	I04c	I 04c	I04c	I 04c	
24-Dec-01	J358							Antennas configuration experiment
25-Dec-01	J359							New sleds design with rigid tow bar
26-Dec-01	J360	D05	I11-20	I05a	I 05a	I05a	I 05a	Antennas setup on sleds with rigid tow bar, antennas tuning
		D05	I20-11	I05b	I 05b	I05b	I 05b	
27-Dec-01	J361							Removed QC RACK, TRIMFLIGHT/bad cable, PBAT, new antennas cables (11.888 m), antennas tuning
28-Dec-01	J362							HPPA/fen, TRIMFLIGHT
29-Dec-01	J363	D06	I11-01	I06a	I 06a	I06a	I 06a	TRIMFLIGHT, PBAT, cables problems (no bed everywhere)
		D06	I01-J 01	Y01a	Y01_01a	Y01a	Y01_01a	
		D06	J01-J11	J01a	J 01a	J01a	J 01a	
		D06	J11-camp	Y11a	Y11_01a	Y11a	Y11_01a	
30-Dec-01	J364	MT25	camp	MT25a				Cables problems
31-Dec-01	J365/365	D07	I12-120	MT26a	I 07a	MT26a	I 07a	TUD configuration: LLR-4, PMX-4, PPA-4, HPPA-4A,4B (only shallow bed)
		D07	I20-J20	Y20_01a		Y20_01a	Y20_01a	
		D07	J20 J10	J 02a		J 02a	J 02a	
1-Jan-02	J001	MT27	camp	MT27a		MT27a	MT27a	Antennas tuning, static in camp (low noise day)
				MT27b		MT27b	MT27b	
2-Jan-02	J002	MT28	camp	MT28a		MT28a	MT28a	Test files for QC path
		MT29	camp	MT29a		MT29a	MT29a	
3-Jan-02	J002	D08	I12-20	MT30a,b	I 08a	MT30a	I 08a	Deep radar profiling (we have what we have)
		D08				MT30b	I 08b	
		D08	I20-J20	Y20_02a		Y20_02a	Y20_02a	
		D08	J20-11	J 03a		J 03a	J 03a	
4-Jan-02	J003/4	D09	I11-01	I 09a,b		I 09a	I 09a	Deep radar profiling
		D09				I 09b	I 09b	
		D09	I01-H01	Y01_02a		Y01_02a	Y01_02a	
		D09	H01-11	H 01a		H 01a	H 01a	
		D09	H11-I11	Y11_01a	Y11_02a	Y11_02a	Y11_02a	
4-Jan-02	J004	D10	I11-H11	Y11_03a		Y11_03a	Y11_03a	Deep radar profiling
5-Jan-02	J004/5	D11	I11-D11	Y11_04a,b		Y11_04a	Y11_04a	Deep radar profiling
		D11				Y11_04b	Y11_04b	
		D11	D11-20	D 01a,b		D 01a	D 01a	
		D11				D 01b	D 01b	
		D11	D20-G20	Y20_03a		Y20_03a	Y20_03a	

		D11	G20-09	G 01a		G 01a	G 01a	
		D11	G09-I09	Y09 01a		Y09 01a	Y09 01a	
		D11	I09-camp	MT31a		MT31a	MT31a	(loop)
6-Jan-02	J005/6	D12	I12-I01	I 10a		I 10a	I 10a	Deep radar profiling
		D12	I01-G01	Y01 03a		Y01 03a	Y01 03a	
		D12	G01-G10	G 02a		G 02a	G 02a	
		D12	G10-I10	Y10 01a,b,c		Y10 01a	Y10 01a	Lose incoherent data
		D12				Y10 01b	Y10 01b	
		D12				Y10 01c	Y10 01c	Lose incoherent data
6-Jan-02	J006	D13	I11-J11	Y11 05a		Y11 05a	Y11 05a	Deep radar profiling
		D13	J11-J01	J 04a		J 04a	J 04a	
		D13				J 04b	J 04b	
		D13	J01-K01	Y01 04a		Y01 04a	Y01 04a	
		D13	K01-K11	K 01a		K 01a	K 01a	
		D13	K11-I11	Y11 06a		Y11 06a	Y11 06a	
7-Jan-02	J006/7	D14	I10-J10	Y10 02a		Y10 02a	Y10 02a	Deep radar profiling
		D14	J10-J20	J 05a		J 05a	J 05a	
		D14	J20-K20	Y20 04a		Y20 04a	Y20 04a	
		D14	K20-K10	K 02a		K 02a	K 02a	
		D14	K10-I10	Y10 03a		Y10 03a	Y10 03a	
7-Jan-02	J007	D15	camp-H20	MT32a		MT32a	MT32a	Deep radar profiling (good bottom)
		D15	H20-H01	H 02a,b,c		H 02a	H 02a	
		D15				H 02b	H 02b	
		D15				H 02c	H 02c	
		D15	H01-camp	MT33a		MT33a	MT33a	
8-Jan-02	J007/8	D16	camp-G20	MT34a		MT34a	MT34a	Deep radar profiling
		D16	G20-M20	Y20 05a		Y20 05a	Y20 05a	
		D16	M20-10	M 01a,b		M 01a	M 01a	Broken tractor tow bar and T-W cables, broken Wanagan floor
		D16				M 01b	M 01b	
		D16	M10-I10	Y10 04a		Y10 04a	Y10 04a	
9-Jan-02	J008	D17	camp-G01	MT36a		MT36a	MT36a	Deep radar profiling (no bed)
		D17	G01-K01	Y01 05a		Y01 05a	Y01 05a	
		D17	K01-camp	MT37a		MT37a	MT37a	
9-Jan-02	J008/9	D18	I09-P09	Y09 02a		Y09 02a	Y09 02a	Deep radar profiling
		D18	P09-11	P 01a,b,c		P 01a	P 01a	
		D18				P 01b	P 01b	

		D18				P 01c	P 01c	
		D18	P11-camp	Y11 07a,b		Y11 07a	Y11 07a	Tractor engine oil and fuel problems
		D18				Y11 07b	Y11 07b	
10-Jan-02	J009	D19	camp-K01	MT38a		MT38a	MT38a	Deep radar profiling
		D19	K01-P02	Y01 06a		Y01 06a	Y01 06a	
		D19	P02-20	P 02a,b		P 02a	P 02a	
		D19				P 02b	P 02b	
		D19	P20-M20	Y20 06a		Y20 06a	Y20 06a	
		D19	M20-K14	MT39a		MT39a	MT39a	
11-Jan-02	J010/11	D20	I11-09	I 11a		I 11a	I 11a	Deep radar profiling
		D20	I09-G09	Y9 03a		Y9 03a	Y09 03a	
		D20	G09-10	G 03a		G 03a	G 03a	
		D20	G10-P10	Y10 05a		Y10 05a	Y10 05a	
		D20				Y10 05b	Y10 05b	
		D20				Y10 05c	Y10 05c	
		D20	P10-11	P 03a		P 03a	P 03a	
		D20	P11-I11	Y11 08a,b		Y11 08a	Y11 08a	
		D20				Y11 08b	Y11 08b	
11-Jan-02	J011	D21	J12-L20	MT40a		MT40a	MT40a	Deep radar profiling
		D21	L20-10	L 01a,b		L 01a	L 01a	
		D21				L 01b	L 01b	
12-Jan-02	J012	D22	camp-G1/08	MT41a		MT41a	MT41a	Deep radar profiling (good bottom)
		D22	G1/08-16	G1 01a		G1 01a	G1 01a	
		D22	G2/16-08	G2 01a		G2 01a	G2 01a	
		D22	G3/08-16	G3 01a		G3 01a	G3 01a	
		D22	G4/16-08	G4 01a		G4 01a	G4 01a	
		D22	H1/08-16	H1 01a		H1 01a	H1 01a	
		D22	H2/16-14	MT42a		MT42a	MT42a	Incoherent AQC die
13-Jan-02		D23	camp-I13	MT43a		MT43a	MT43a	Deep radar profiling (good bottom)
		D23	I13-G13	Y13 01a		Y13 01a	Y13 01a	
		D23	G13-12	MT44a		MT44a	MT44a	
		D23	G12-I12	Y12 01a,b				Incoherent AQC die

Incoherent parameters 2048 RADgh1; Coherent parameters 256/1024 RADge2; Rate 12.5/6.25 (except MT15a – MT22a rate was 6.25/6.25 and MT23a – I\_04c rate was 12.5/12.5).