

TX Time Schedule for the ESR/REIMEI Campaign (NO-NI): 30 January – 04 February 2006 – TLE0600201
A combination of: Steffe @ FA (42 m TX) and Hilde @ Satellite Pass (42 m & 32 m TX)

Date	Satellite over ESR [UT]	Az [°]	El [°]	Rng [km]	REIMEI RUN PERIODE	32 m & 42 m transmit Program: HILDE Start moving the 32 m into satellite direction and into FA direction	Only 42 m transmit Program: STEFFE Both 42 m & 32 m pointing @ FA	Comments/Restrictions
01.30	02:25:13	212.2	80.6	627	02:00 - 06:00		02:00 – 03:45	Reimei pass near the 42m beam, ~51 km
01.30	04:01:13	334.2	60.1	704	08:00 - 11:00 7h	~03:50 (S) - 04:15 (FA)	~04:20 – 05:20	01:00 – 05:00 (old scheduled time)
01.30	05:37:12	358.3	50.5	778		~05:25 (S) - 06:00 (FA)	08:00 – 08:30	
01.30	08:49:21	43.7	84.4	618		~08:35 (S) - 09:00 (FA)	~09:05 – 10:05	
01.30	10:25:53	248.0	53.4	749		~10:10 (S) - 11:00		
01.31	07:32:01	26.3	60.6	699	07:20 -9:20	07:20 (S) – 07:40 (FA)		08:00 – 10:00 (old scheduled time)
01.31	09:08:03	156.7	81.2	622	2h		~07:45 – 09:20	Reimei pass near the 42m beam, ~41 km
02.01	01:25:45	77.0	55.4	739		01:00 (S) – 01:35 (FA)	~01:40 – 02:45	*This was not the closest range
02.01	03:02:47	320.0	76.2	637	01:00 – 05:00	~02:50 (S) – 03:15 (FA)	~03:20 – 04:25	
02.01	04:38:53	344.0	54.3	747	07:35 – 09:35	~04:30 (S) – 05:00 (FA)		
02.01	07:50:52	31.3	64.9	675	6h	07:35 (S) – 08:05 (FA)	~08:10 – 09:10	08:00 – 11:00 (old scheduled time)
02.01	09:27:10	233.8	78.7	628		~09:15 (S) – 09:35		
02.02	08:09:44	35.3	70.2	653	07:55–09:55	07:55 (S) – 08:20 (FA)	~08:25 – 09:25	08:30 – 10:30 (old scheduled time)
02.02	09:46:06	238.4	70.1	653	2h	~09:30(S) – 09:55 (FA)		
02.03	08:28:36	38.8	76.5	634	08:15 – 10:15	08:15 (S) – 08:40 (FA)	~08:45 – 09:45	08:00 – 11:00 (old scheduled time)
02.03	10:05:02	242.7	61.8	692	2h	~09:50 (S) – 10:15		
02.04	02:23:20	206.4	81.1	631	02:00 – 04:00		02:00 – 03:40	Reimei pass near the 42m beam, ~42 km
02.04	03:59:21	334.0	60.6	706	2h	~03:45 (S) – 04:10 (FA)	~04:15 – 05:15	Planned: 02:00 – 11:00 UT, but no run after 04:00 UT, due to problems with the 32m. The antenna failed 18:00 UT 3 February, before our run. The position was not useful; Az = 5.73 & El = 34.45.
02.04	05:35:21	357.1	50.7	781		~05:20 (S) – 05:45 (FA)	~05:50 – 06:50	
02.04	07:11:19	20.8	57.0	727		~06:55 (S) – 07:20 (FA)	~07:25 – 08:30	
02.04	08:47:28	47.2	83.8	622		~08:35 (S) – 08:55 (FA)	~09:00 – 10:10	
02.04	10:24:00	247.6	54.2	746		~10:15 (S) – 11:00		

Pointing the 32 m at the satellite shortest range direction: ~10 - 15 minutes before/after each pass. Total number of hours: 21 h

NOTE: If the horizontal distance between 42m FA and the satellite is greater than 100 km → do move the 32m instead and run Hilde