1999 JM8 ARECIBO MASTERLOG: 2008 May 29-June 02
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Proposal R2349

Last update: 2008 July 30

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May 28: Cancelled due to transmitter problems

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2008 May 29

Setup	Code	Bandwidth	osod	TXoff	Runs	<--- AST ---> rcsta rcend HHMMSS-HHMMSS	<--- UTC ---> rcsta rcend HHMMSS-HHMMSS		RAW data files
CW no hop		5000	68	+250	2	045929-054600	085929-094600	30 minute gap between runs due to a transmitter trip (all booted OK)	datafile.29may00.r2349.1 datafile.29may00.r2349.2
0.5 usec	8191	244.2	68	+2	7	060151-071011	100151-111011		JM8-29.000 to JM8-29.003

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2008 May 30

Setup	Code	Bandwidth	osod	TXoff	Runs	<--- AST ---> rcsta rcend HHMMSS-HHMMSS	<--- UTC ---> rcsta rcend HHMMSS-HHMMSS		
CW no hop		5000	68	+250	1	045845-050352	085845-090352		datafile.30may00.r2349.1
0.5 usec	8191	244.2	68	+2	10	051827-072126	091827-112126	15 min gap between 1st and 2nd run due to transimitter trip (all booted OK)	JM8-29.000 to JM8-29.005

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2008 May 31

Setup	Code	Bandwidth	osod	TXoff	Runs	<--- AST ---> rcsta rcend HHMMSS-HHMMSS	<--- UTC ---> rcsta rcend HHMMSS-HHMMSS		
CW no hop		5000	68	+250	1	050536-051043	090536-091043		datafile.31may00.r2349.1
0.5 usec	8191	244.2	68	+2	11	052530-072607	092530-112607		JM8-31.006 to JM8-31.011

very smooth observing session

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2008 June 01

Setup	Code	Bandwidth	osod	TXoff	Runs	<--- AST ---> rcsta rcend HHMMSS-HHMMSS	<--- UTC ---> rcsta rcend HHMMSS-HHMMSS		
CW no hop		5000	68	+250	1	050328-050836	090328-090836		datafile.01jun00.r2349.1
0.5 usec	8191	244.2	68	+2	1	052039-052547	092039-092547	trip during receiving (stopped with data-taking before the end receive time (a mistake))	JM8-01.000 to JM8-01.001
0.5 usec	8191	244.2	68	+2	1	055553-060101	095553-100101	trip during receiving (waited until the end of receive to stop)	

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0.5  usec  8191    244.2   68     +2   1  072000-072508 072000-072508  object went below 19.69 deg about
                                                                        1.5 min before the end receive
very bad observing session
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2008 June 02

Setup     Code  Bandwidth osod TXoff Runs HHMMSS-HHMMSS HHMMSS-HHMMSS
CW no hop         5000     68   +250  1   050759-051307 090759-091307                                        datafile.02jun00.r2349.1
0.5 usec   8191    244.2   68     +2  12  052413-073545 092413-113545                                        JM8-02.000 to JM8-02.005

A perfect run!
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RADAR ASTROMETRY

2454619.938254 6518              2380.D6
AR20080602.437500   103000  315.67089893   -1 293.2473-404849-133339  5.00
  Brozovic                                                Arecibo
  May 2008 Arecibo    Solution number=  68
  Delay Correction to s68  is -41.30  usec

2454619.938254 6518              2380.D6
AP20080602.437500   103000    -19951.265   -1 293.2473-404849-133339 0.149
  Brozovic                                                Arecibo
  May 2008 Arecibo    Solution number=  68
  Doppler Correction to s68  is  -0.063  Hz

2454618.933046 6518              2380.D6
AP20080601.432292   102230    -12230.797   -1 293.2473-404849-133339 0.298
  Brozovic                                                Arecibo
  May 2008 Arecibo    Solution number=  68
  Doppler Correction to s68  is  -0.003  Hz

2454618.933046 6518              2380.D6
AR20080601.432292   102230  315.09342090   -1 293.2473-404849-133339  7.50
  Brozovic                                                Arecibo
  May 2008 Arecibo    Solution number=  68
  Delay Correction to s68  is -48.80  usec

2454617.935361 6518              2380.D6
AR20080531.434606   102550  314.79791718   -1 293.2473-404849-133339  5.00
  Brozovic                                                Arecibo
  May 2008 Arecibo    Solution number=  68
  Delay Correction to s68  is  -48.80 usec

2454617.935361 6518              2380.D6
AP20080531.434606   102550     -4779.885   -1 293.2473-404849-133339 0.149
  Brozovic                                                Arecibo
  May 2008 Arecibo    Solution number=  68
  Doppler Correction to s68  is  0.057 Hz

2454616.931310 6518              2380.D6
AP20080530.430556   102000      3023.094   -1 293.2473-404849-133339 0.149
  Brozovic, Nolan                                         Arecibo
  May 2008 Arecibo    Solution number=  68
  Doppler Correction to s68  is 0.027 Hz
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2454616.931310 6518              2380.D6
AR20080530.430556   102000  314.78212858   -1 293.2473-404849-133339  5.00
  Brozovic, Nolan                                      Arecibo
  May 2008 Arecibo    Solution number=  68
  Delay Correction to s68  is -41.30   usec

2454615.942305 6518              2380.D6
AP20080529.441551   103550     10184.977   -1 293.2473-404849-133339 0.149
  Brozovic, Nolan                                      Arecibo
  May 2008 Arecibo    Solution number=  68
  Doppler Correction to s68  is -0.063  Hz

2454615.942305 6518              2380.D6
AR20080529.441551   103550  315.04512457   -1 293.2473-404849-133339  5.00
  Brozovic, Nolan                                      Arecibo
  May 2008 Arecibo    Solution number=  68
  Delay Correction to s68  is  -39.30 usec
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