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Improved Positions of Southern NSV Stars. III

This is the third in a series of notes aimed to provide accurate coordinates of southern NSV stars. Previous results can be found in Lopez and Lepez (1993) and Lopez and Torres (1994) while details and general procedures on the program may be found in Lopez and Girard (1990).

Table I lists the newly determined positions. The first column gives the NSV number; the second and third provide the RA and Dec (equinox B1950.0), respectively; the fourth column is the epoch of observation (given as epoch *minus* 1900); the last two columns list the differences between our new positions and those quoted in the NSV catalogue in minutes of time in RA and arc minutes in Dec. The differences are in the sense new positions *minus* NSV coordinates.

The 95 objects listed in Table I added to the 558 already reported by Lopez and Girard (1990), Lopez and Lepez (1993), and Lopez and Torres (1994) bring to 653 the total number of NSV stars for which we have been able to improve their positions.

Carlos E. Lopez and Hugo Mira
Felix Aguilar and Yale Southern Obs.
Benavidez 8175 (oeste) - 5413 Chumbas
E-mail: celopez@unsjta.edu.ar
San Juan - Argentina

References:

- Lopez, C.E., and Girard, F.M. 1990. Publ. Astron. Soc. of the Pacific **102**, 1018.
Lopez, C.E., and Lepez, H.S. 1993. Inf. Bull. Var. Stars. No. 3944.
Lopez, C.E., and Torres, J.F. 1994. Inf. Bull. Var. Stars. No. 3993.

TABLE I
Improved Positions of Southern NSV Stars

Star	RA (1950.0)			Dec			Epoch	Δ RA	Δ Dec
	h	m	s	°	'	"			
10905	18	27	2.30	-43	50	44.8	68.57	-0.162	-0.447
10906	18	27	15.78	-44	45	35.6	68.57	+0.030	-0.094
10929	18	27	48.00	-42	38	15.7	68.57	+0.000	+0.039
10940	18	28	15.07	-46	40	36.6	68.57	+0.035	+0.191
10941	18	28	14.19	-42	38	9.9	68.57	-0.014	+0.435
10953	18	28	48.86	-43	5	21.9	68.57	+0.064	-0.264
10971	18	29	6.10	-47	29	6.2	68.57	-0.032	-0.303
10975	18	29	14.27	-43	28	56.3	68.57	+0.021	-0.039
10979	18	29	24.46	-65	4	45.0	70.30	-0.042	-0.450
10991	18	29	41.87	-63	14	25.9	70.43	-0.085	+0.268
10995	18	29	57.33	-61	35	51.8	70.59	+0.039	+0.436
11028	18	31	7.57	-44	43	32.4	68.61	-0.041	-0.339
11036	18	31	31.97	-42	44	56.4	68.61	+0.050	+0.360
11046	18	32	2.22	-61	54	40.2	70.51	+0.004	+0.030
11083	18	33	35.02	-46	29	49.6	68.61	0.000	+0.174
11088	18	33	43.46	-47	8	39.3	68.64	+0.008	-0.256
11099	18	34	2.55	-41	53	54.2	69.01	-0.057	-0.004
11102	18	34	17.35	-47	13	18.3	68.61	+0.006	-0.005
11110	18	34	36.55	-40	4	1.4	69.38	-0.041	+0.377
11116	18	34	54.13	-44	51	17.5	68.61	+0.019	-0.391
11135	18	35	35.91	-44	45	52.7	68.61	-0.001	-0.279
11166	18	37	4.57	-45	15	56.9	68.61	+0.009	-0.349
11172	18	37	18.82	-44	20	58.3	68.61	+0.014	+0.429
11190	18	37	55.03	-42	3	21.5	68.87	-0.016	-0.058
11191	18	37	56.08	-41	1	30.0	69.38	-0.049	-0.200
11210	18	39	1.57	-40	45	3.5	69.38	-0.024	-0.358
11213	18	39	9.44	-40	34	20.8	69.38	-0.026	-0.146
11217	18	39	15.51	-43	14	18.4	68.61	-0.008	-0.106
11218	18	39	18.19	-45	35	52.3	68.61	-0.014	-0.372
11229	18	39	47.11	-42	37	27.9	68.87	-0.015	+0.535

TABLE I (cont.)

Star	RA (1950.0)			Dec			Epoch	Δ RA	Δ Dec
	h	m	s	°	'	"			
11239	18	40	2.59	-47	24	35.7	68.61	+0.010	-0.495
11240	18	40	1.76	-43	57	20.4	68.61	-0.021	-0.239
11242	18	40	10.63	-65	30	36.7	70.43	+0.011	+0.288
11244	18	40	13.74	-46	13	47.4	68.61	+0.012	-0.290
11249	18	40	28.71	-42	30	34.6	68.87	-0.055	+0.623
11253	18	40	51.54	-58	16	39.2	70.59	+0.042	+0.247
11257	18	40	58.64	-47	11	4.8	68.61	-0.023	+0.020
11262	18	41	10.95	-47	16	31.3	68.61	-0.017	-0.321
11269	18	41	31.25	-47	12	45.1	68.61	-0.012	+0.149
11274	18	41	39.20	-46	28	37.3	68.61	-0.013	+0.378
11291	18	42	18.93	-47	38	1.5	68.61	-0.018	-0.625
11296	18	42	32.45	-62	55	55.9	70.51	-0.026	+0.068
11305	18	42	45.27	-63	43	24.8	70.43	-0.045	-0.012
11318	18	43	16.95	-47	24	29.8	68.64	-0.018	-0.396
11325	18	43	40.22	-61	3	37.9	70.59	-0.013	+0.068
11336	18	44	23.09	-46	28	57.7	68.64	-0.015	-0.262
11340	18	44	43.91	-58	20	17.7	70.59	+0.032	-0.095
11350	18	45	9.69	-63	37	9.3	70.43	-0.055	-0.156
11354	18	45	25.87	-41	25	25.2	69.38	-0.002	-0.221
11376	18	46	53.97	-42	17	53.9	69.01	0.000	+0.101
11391	18	47	33.59	-43	14	40.8	68.64	-0.007	-0.181
11396	18	47	39.23	-45	19	18.3	68.64	+0.021	-0.204
11406	18	48	5.74	-60	53	20.7	70.14	-0.021	+0.054
11446	18	49	46.99	-41	30	30.8	69.38	-0.017	-0.014
11448	18	49	53.11	-45	28	46.4	68.64	+0.035	-0.373
11472	18	50	48.29	-40	57	3.2	69.38	+0.022	+0.347
11503	18	51	58.51	-39	41	51.2	69.38	+0.025	+0.047
11539	18	53	6.03	-44	43	54.5	68.64	+0.067	-0.109
11547	18	53	13.57	-45	49	58.2	68.64	+0.010	-0.369
11560	18	53	55.90	-45	32	11.7	68.64	+0.015	-0.596
11562	18	53	46.88	-41	3	28.1	69.38	-0.152	-0.268
11564	18	53	56.44	-64	30	16.5	70.40	-0.059	+0.324
11580	18	54	40.68	-43	4	19.0	69.01	-0.005	+0.284

TABLE I (cont.)

Star	RA (1950.0)			Dec			Epoch	ARA	ADec
	h	m	s	°	'	"			
11603	18	55	53.98	-40	34	37.3	69.38	0.000	-0.322
11619	18	56	43.94	-59	11	39.2	70.14	-0.068	+0.547
11620	18	56	51.35	-42	6	39.6	69.01	+0.006	-0.260
11645	18	58	19.92	-44	14	17.1	68.64	+0.015	+0.115
11660	18	59	15.18	-41	49	25.1	69.38	-0.030	-0.218
11665	18	59	21.90	-41	18	32.6	69.38	+0.032	-0.043
11666	18	59	20.43	-42	4	40.3	69.01	+0.007	+0.428
11670	18	59	25.78	-58	21	47.6	69.69	+0.013	+0.207
11672	18	59	39.97	-46	3	4.7	68.64	+0.016	+0.122
11682	19	0	15.67	-42	44	43.7	69.01	+0.028	+0.672
11686	19	0	21.78	-57	30	12.6	69.69	-0.004	-0.010
11698	19	1	26.23	-57	39	9.9	69.69	+0.020	+0.035
11706	19	2	1.65	-44	26	31.3	68.64	+0.011	+0.078
11721	19	2	57.76	-40	57	3.7	69.38	-0.021	-0.061
11731	19	3	25.97	-45	57	27.9	68.64	+0.016	+0.336
11732	19	3	30.25	-40	23	20.5	69.38	+0.021	+0.058
11734	19	3	42.90	-45	59	51.5	68.64	+0.048	+0.441
11747	19	4	31.31	-43	55	29.9	68.64	+0.005	-0.098
11751	19	5	15.53	-47	18	58.3	68.64	-0.008	+0.228
11758	19	5	54.51	-45	40	49.2	68.64	+0.025	+0.179
11764	19	6	28.50	-47	47	13.0	68.64	+0.008	+0.084
11770	19	6	51.07	-58	43	24.0	69.69	+0.051	+0.100
11784	19	8	20.15	-57	39	7.9	69.69	+0.053	+0.168
11787	19	8	26.12	-66	26	34.4	70.40	-0.015	+0.027
11794	19	8	56.45	-66	51	33.2	70.40	-0.109	-0.253
11803	19	10	8.45	-61	20	51.6	69.69	+0.341	+0.040
11821	19	10	49.49	-60	32	36.3	69.69	+0.008	-0.305
11843	19	12	29.44	-58	22	33.7	69.69	+0.057	-0.061
11909	19	17	19.53	-60	54	31.8	69.69	-0.091	+0.070
11934	19	18	47.16	-64	26	51.3	70.36	-0.047	+0.546
12217	19	35	15.80	-63	49	21.5	70.36	+0.030	+0.642
12268	19	37	29.08	-64	11	41.9	70.36	+0.001	-0.099