

Computer-Readable Version of the Rozhen Schmidt Telescope Plate Log Book

Since August 1991 in connection with the Wide-field Plate Archive project (Tsvetkov, 1992a, b) we started to prepare a computer-readable version of the observational log book of the 50/70/172 cm Schmidt telescope at the Rozhen National Astronomical Observatory, Bulgarian Academy of Sciences.

Our purpose was to lose minimum information with maximum record compactness. Thus the next fields were included:

1. Plate current number in the log book;
2. Additional letter for the plates with identical current number;
3. Plate size;
4. Sequential number of exposure in the case of two or more different exposures;
5. Date;
6. Beginning of the exposure in local time (GMT + 2h);
7. Object/field name;
8. Plate centre coordinates — Right Ascension and Declination from the log book;
9. Multiplicity of the exposure;
10. Duration of the exposure;
11. Emulsion (Kodak, ORWO, etc.);
12. Filter;
13. Objective prism indication;
14. Method of exposure (M — multi-exposure, T — stellar track, F — focus, U — adjustment, C — calibration);
15. Humidity during the exposure;
16. Temperature (Cx);
17. Plate quality (T — technical problem, C — plate control and check up, A — meteorological problem, F — out of focus, S — hypersensibilization, G — guiding problems, M — Moon during the exposure, E — problems during the exposure);
18. Image quality;
19. Plate location (O — observatory, A — observer/author of the programme);
20. Observer (initials of name);
21. Notes.

We used in our work the archiving experience of the Kiso Observatory (Ishida 1989).

At present the complete computer-readable version of the log book of the Rozhen Schmidt telescope contains data for more than 6400 plates (December 1992). A specialized software package in Turbo Pascal 6.0 for input, editing, analysis and statistical processing was created (Michailov & Borisov 1993).

The computer readable version of the Rozhen Schmidt telescope log book is available on 3.5"/5.25" diskettes in ASCII format. The analysis of the log book will be presented at the IAU Symposium No. 161 in August 1993.

Table 1 shows a sample listing of the first page of the computer readable version of the Rozhen Schmidt telescope plate archive.

Table 1. Sample listing of the Rozhen 50/70 cm Schmidt telescope log book computer-readable version.

1	2	34	5	6	7	8	9	10	11	12	1314	15	16	17	18	19	20	21
0001A	AA	19790606	0245.	Alpha Lyr	1836 +3847	08	000.20	RP1	N	N	U	+09	A	MTs	TEST			
0002A	AA	19790606	0330.	Draco	1623 +6130	09	000.30	RP1	N	N	F	+09	A	MTs	TEST			
0004A	AA	19790810	0100.	Alpha Lyr	1836 +3847	20	000.30	RP1	N	N		+17	A	Ms	TEST			
0005A	AA	19790825	0136.	V1057 Cyg	2057 +4403	01	020.00	ZU2	N	N		+13	A	MTs	TEST			
0006A	AA	19790905	0210.	Alpha Cyg	2041 +4516	20	000.30	RP1	N	N		+09	A	MTs	TEST			
0007A	AA	19790918	0230.	Pleiades	0346 +2400	06	010.00	ZU2	N	N		+02	A	MTs	TEST			
0008A	AA	19790918	0345.	Pleiades	0346 +2400	06	010.00	ZU2	N	N		+02	A	MTs	TEST			
0009A	AA	19790918	2222.	Cygnus A*	2052 +4300	01	045.00	ZP3	N	N		+08	A	MTs	TEST			
0010A	AA	19790918	2332.	Cygnus A*	2052 +4300	06	010.00	ZU4	N	N		+09	A	MTs	TEST			
0011A	AA	19790919	0045.	Cygnus A*	2052 +4300	06	010.00	ZU21	N	N	M	+09	A	MTs	TEST			
0012A	AA	19790919	0210.	Pleiades	0346 +2400	06	010.00	ZU2	N	N	M	+08	A	MTs	TEST			
0013A	AA	19790919	0328.	Pleiades	0346 +2400	06	010.00	ZU2	N	N	M	+08	A	MTs	TEST			
0014A	AA	19790919	0444.	Pleiades	0346 +2400	01	045.00	ZU3	N	N		+08	A	MTs	TEST			
0015A	AA	19790919	2215.	Cygnus A*	2052 +4300	01	045.00	ZU21	N	N		+11	A	MTs	TEST			
0016A	AA	19790919	2314.	Cygnus A*	2052 +4300	06	010.00	ZU2	N	N	M	+11	A	MTs	TEST			
0017A	AA	19790920	0133.	Cygnus A*	2052 +4300	06	010.00	ZU2	N	N	M	+12	A	MTs	TEST			
0018A	AA	19790920	0146.	Pleiades	0346 +2400	06	010.00	ZU2	N	N	M	+11	A	MTs	TEST			
0019A	AA	19790920	0304.	Pleiades	0346 +2400	06	010.00	ZU2	N	N	M	+10	A	MTs	TEST			
0020A	AA	19790920	0415.	Pleiades	0346 +2400	06	010.00	ZU2	N	N	M	+10	A	MTs	TEST			
0021A	AA	19790920	0525.	Pleiades	0348 +2400	01	031.00	ZU21	N	N		+10	A	MTs	TEST			
0022A	AA	19790920	2123.	Cygnus A*	2052 +4300	06	010.00	ZU2	N	N	M	+12	A	MTs	TEST			
0023A	AA	19790920	2234.	Cygnus A*	2052 +4300	06	010.00	ZU2	N	N	M	+11	A	MTs	TEST			
0024A	AA	19790920	2346.	Cygnus A*	2052 +4300	06	010.00	ZU2	N	N	M	+11	A	MTs	TEST			
0025A	AA	19790921	0103.	Pleiades	0348 +2400	06	010.00	ZU2	N	N	M	+10	A	MTs	TEST			
0026A	AA	19790921	0215.	Pleiades	0348 +2400	06	010.00	ZU2	N	N	M	+10	A	MTs	TEST			
0027A	AA	19790921	0330.	Pleiades	0348 +2400	06	010.00	ZU2	N	N	M	+10	A	MTs	TEST			
0028A	AA	19790921	0443.	Pleiades	0348 +2400	06	010.00	ZU2	N	N	M	+10	A	MTs	TEST			
0029A	AA	19790921	2112.	Cygnus A*	2052 +4300	06	010.00	ZU2	N	N	M	+13	A	MTs	TEST			

1	2	34	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
0030A	AA	19790921	2222.	Cygnus A*	2052 +4300	06	010.00	ZU2	N	N	M	M	+11	A	MTs				
0031A	AA	19790922	0052.	Pleiades	0348 +2400	06	010.00	ZU2	N	N	M	M	+10	A	MTs				
0032A	AA	19790922	0203.	Pleiades	0348 +2400	06	010.00	ZU2	N	N	M	M	+10	A	MTs				
0033A	AA	19790922	0321.	Pleiades	0348 +2400	06	010.00	ZU2	N	N	M	M	+10	A	MTs				
0034A	AA	19790922	0445.	Cygnus A*	2052 +4300	06	010.00	ZU2	N	N	M	M	+10	A	MTs				
0035A	AA	19790922	2051.	Cygnus A*	2052 +4300	06	010.00	ZU2	N	N	M	M	+13	A	MTs				
0036A	AA	19790922	2201.	Cygnus A*	2052 +4300	06	010.00	ZU2	N	N	M	M	+13	A	MTs				
0037A	AA	19790922	2313.	Pleiades	0348 +2400	06	010.00	ZU2	N	N	M	M	+12	A	MTs				
0038A	AA	19790923	0040.	Pleiades	0348 +2400	06	010.00	ZU2	N	N	M	M	+12	A	MTs				
0039A	AA	19790923	0158.	Pleiades	0348 +2400	06	010.00	ZU2	N	N	M	M	+12	A	MTs				
0040A	AA	19790923	0134.	Pleiades	0348 +2400	06	010.00	ZU2	N	N	M	M	+13	A	MTs				
0041A	AA	19790923	0429.	Pleiades	0348 +2400	06	010.00	ZU2	N	N	M	M	+12	A	MTs				
0042A	AA	19790923	0544.	Pleiades	0348 +2400	01	020.00	ZU2	N	N	M	M	+12	A	MTs				
0043A	AA	19790924	0029.	Alpha Cyg	2025 +4120	06	010.00	ZU2	N	N	M	M	+14	A	MTs				
0044A	AA	19790924	0145.	Pleiades	0348 +2400	06	010.00	ZU2	N	N	M	M	+13	A	MTs				
0045A	AA	19790924	0258.	Pleiades	0348 +2400	06	010.00	ZU2	N	N	M	M	+13	A	MTs				

References

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- Mihailov, M.E. and Borisov, Z., 1993. "Wide-field Plate Archive Database: a Management System for Personal IBM XT/AT Computers", The IAU Working Group on Wide-field Imaging, Newsletter No. 3 (this issue).
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Erratum:

Clarification of the Minutes of the 1st Meeting of the WFI WG Organising Committee (Newsletter No. 2, p. 16)

Section 8.19 gives the impression that a meeting is planned at the University of Minnesota for 1995. Since I did not endorse any suggestions on the sites of future meetings (e.g. Minnesota) and their topics or commit to organize a meeting, I was surprised that Minnesota is listed as the next meeting site.

Unfortunately, a meeting at the University of Minnesota is no longer feasible. I had received a large financial commitment for support from the University administration for the planned 1993 meeting. This included a personal commitment from the Dean to raise private funds which is no small matter. Consequently, I cannot ask for this kind of support again for many years.

Therefore the statement that a meeting is to be arranged at the University of Minnesota for 1995 is incorrect.

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