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**MACHINE READABLE CATALOG OF ODESSA PATROL PLATES**

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The sky patrol of Odessa observatory was finished in 1998. In this short paper we will try to summarize the data about our plate collection.

The main part of our collection are plates of the 7-camera astrograph. In 1957-1998 near 84 000 plates were exposed. Total field of the view of the astrograph is about  $30 \times 80$  degrees. With 30 minutes expositions the limiting magnitudes for plates obtained with yellow filter and without filter were  $12^m$  and  $15^m$ . More detailed information about Odessa plate collections can be found in the papers of Tsesevich et al. (1989), Karetnikov et al. (1995) and Karamysh (1997).

It should be mentioned that there are also other plate collections in our observatory. First of all it is the Simeiz collection of 10 thousands plates, obtained in 1909-1953. We have near 10 thousands plates of other small astrographs of Odessa observatory, obtained during the decade before the beginning of the 7-camera astrograph patrol. The total number of glass plates in Odessa observatory is near 104 thousands. The sizes of the plates are  $18 \times 24$  cm or smaller. Yushchenko et al. (1999) proposed the project of scanning the Odessa plates.

As a first step of this project we made a machine readable catalog of the plates of the 7-camera astrograph. The catalog contains the number of exposition, JD and calendar date, guiding star name, duration and average moment of exposition, observer's name. More than 300 observers took part in creation of our collection. Here we want to mention at least some of them (observer - no. of expositions):

Pikhun A.I. - 1475,	Bakumenko N.P. - 261,	Zaginaylo Yu.I. - 147,
Sotnikov V.P. - 1015,	Korovkina L.A. - 251,	Kazanamas M.S. - 146,
Karamysh V.F. - 662,	Strelkova E.P. - 215,	Rublev S.V. - 146,
Fedotov Yu.T. - 509,	Fashchevskiy N.N. - 212,	Samsonova N.F. - 134,
Rudenko A.N. - 438,	Kashuba S.G. - 210,	Chuprina R.I. - 129,
Derevyagin V.G. - 392,	Kashuba V.I. - 208,	Kudashkina L.S. - 117,
Murnikov B.A. - 319,	Miskin N.A. - 176,	Marinovskiy L.F. - 116,
Mandel O.E. - 282,	Pogrebnoy G.D. - 161,	Yavorskiy Yu.B. - 103,
Pochinok B.D. - 271,	Makarenko E.N. - 154,	Komarov N.S. - 98.

The other files contain guide stars list, their coordinates and the numbers of expositions, and also the full observer's list with the numbers of individual expositions.

The catalog can be requested via e-mail ([yua@lens.tenet.odessa.ua](mailto:yua@lens.tenet.odessa.ua)), and available at the IBVS website too ([5215-t1.txt](#) — [-t4.txt](#)). In the nearest future it will be

placed on the website of Odessa observatory. Because of technical reasons this website is not available now.

References:

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