

6. COMMISSION DES TELEGRAMMES ASTRONOMIQUES

PRÉSIDENT: M. MIKHAILOV.

DIRECTRICE DU BUREAU: M^{lle} VINTER HANSEN.

MEMBRES: MM. Cunningham, A. R. Hogg, Spencer Jones, Kukarkin, H. Shapley, van den Bos, Directeur de l'Observatoire de Cordoba.

REPORT OF THE CENTRAL BUREAU FOR ASTRONOMICAL TELEGRAMS*

As stated in former reports the main object of the Bureau is to procure provisional data for the continuous observation of new objects. The news, if urgent, is transmitted by telegrams, in all other cases through printed circulars in order to make the services of the Bureau as cheap as possible. A few subscribers have expressed the desire to have all information transmitted to them by telegram, and such an arrangement, costly to the recipients, can be made with any subscriber who desires such service. Further, some subscribers, particularly those in places far removed from the present site of the Bureau, receive the circulars by air mail, having agreed to pay the extra cost. It should be stated here that although the prices of telegrams, printing and postage have risen considerably it has still been possible to keep the price of subscription fairly low, but only because the Bureau receives a yearly subsidy from the International Astronomical Union and the Danish Rask-Ørsted foundation: some computations and all clerical help have been paid from these subsidies. The financial status of the Bureau is at present fairly satisfactory. A debt to the Lund Observatory has been paid off and it has even been possible to make repayment on the debt to the Rask-Ørsted foundation, both debts incurred during the war. The services of the Bureau are based on advance payments from the subscribers and it should be stressed that it is a great help to the Bureau when the subscribers pay promptly the bills issued to them.

Prof. Strömberg, Dr M. Rudkjøbing, Mr K. A. Thernøe, and Miss E. Mackeprang, all of the Copenhagen Observatory, have assisted effectively in the work of the Bureau together with Messrs P. Naur and K. Nygaard. Some astronomers outside Denmark have been very helpful in supplying current ephemerides; in this respect particularly Dr Leland E. Cunningham should be mentioned.

Below are given lists of the telegrams received and transmitted to our subscribers together with the circulars printed, and of the names of institutions and astronomers subscribing to the telegrams and circulars:

	Telegrams		Circulars printed
	Received	Sent	
1947 (from Dec. 1)	12	36	7 (Nos. 1119-1125)
1948	72	641	70 (Nos. 1126-1195)
1949	42	285	54 (Nos. 1196-1249)
1950	29	288	48 (Nos. 1250-1297)
	<u>155</u>	<u>1250</u>	<u>179</u>

The figures in this list show very markedly the extraordinary cometary activity in 1948.

Subscribers to Telegrams and Circulars

Harvard College Observatory, Cambridge, Massachusetts, U.S.A.

Union Observatory, Johannesburg, South Africa.

Commonwealth Observatory, Mount Stromlo, Canberra, Australia.

Astromitcheskij Institut im. Sternberga, Nowo-Waganjkowskij per. 5, Moskva 22, U.S.S.R.

Astronom. Rechen-Institut, Augustinerstrasse 15, 17 a - Heidelberg, Germany.

Royal Observatory, Edinburgh 9, Scotland.

* The telegram code, as given in *Trans. I.A.U.* 7, 506-16, has remained unchanged.

Royal Greenwich Observatory, Hailsham, Sussex, England.
 Norman Lockyer Observatory, Salcombe Regis, Sidmouth, S. Devon, England.
 Observatorio Fabra, Calle Aragon 219 2º 2A, Barcelona, Spain.
 Observatorio astronomico, Alfonso XII 5, Madrid, Spain.
 Observatorio de Marina, San Fernando, Spain.
 Observatoire de l'Université de Bordeaux à Floirac, Gironde, France.
 Observatoire, Place Leverrier, Marseille, France.
 Observatoire National, Paris 14, France.
 Observatoire, 11 Rue de l'Université, Strasbourg, Bas-Rhin, France.
 Observatoire d'Alger, Bouzaréah, Alger, Afrique.
 Sterrewacht, Leiden, Holland.
 Osservatorio Astronomico Capodimonte, Napoli, Italy.
 Osservatorio Astronomico di Brera, Milano, Italy.
 Osservatorio Astronomico della Università, Padova, Italy.
 Observatoire, Bucarest, Roumania.
 Observatoriet, Stockholm-Saltsjöbaden, Sweden.
 Observatoire, Genève, Switzerland.
 Observatory, Helwan, Egypt.
 Observatoire Royal, Uccle, Belgium.
 Observatoire astronomique de Tokyo, Mitaka près Tokyo, Japan.
 Observatoire d'Astronomie physique, Meudon, S. et O., France.
 Royal Astronomical Society, Burlington House, Piccadilly, London, W 1, England.
 Osservatorio astronomico, Monte Mario, Roma, Italy.
 Observatory, Athens, Greece.
 Osservatorio astronomico, Via G. P. Tiepolo 3, Trieste.
 Obserwatorium Uniwersytetu Poznań, Ul. Sloneczna 36, Poznań 8, Poland.
 Observatoriet, Uppsala, Sweden.
 Observatoire Astronomique, Velika Vračar, Beograd, Yougoslavia.
 Specola Vaticana, Castel Gandolfo, Roma, Italy.
 Observatorio astronomico da Universidade de Coimbra, Portugal.
 Observatoriet, Lund, Sweden.
 Observatoriet, Yliopisto, Turku, Finland.
 Observatorio Nacional, Morro Sao Janeiro, Rio de Janeiro, Brazil.
 Institut astronomique, Sofia, Bulgaria.
 Ole Rømer-Observatoriet, Aarhus, Denmark.
 Institut d'Astrophysique, 98 bis Boulevard Arago, Paris 14, France.
 Observatoire de Haute Provence, Saint-Michel l'Observatoire, Basses-Alpes, France.
 Dr Leland E. Cunningham, Leuschner Observatory, Berkeley 4, Calif., U.S.A.
 Astronomisches Institut, Muesmattstrasse 25, Bern, Switzerland.
 The University of London Observatory, Mill Hill Park, London, N.W 7, England.
 Osservatorio astronomico della Università, Bologna, Italy.
 Štátne Observatórium, Skalnaté Pleso, p. Tatranská Lomnica, Czechoslovakia.
 University Observatory, Oxford, England.
 Obserwatorium Warszawa, Al. Ujazdowskie 4, Warszawa, Poland.
 Dr E. Leutenegger, Rüeeggerholzstrasse 17, Frauenfeld, Switzerland.
 Solar Physics Observatory, Cambridge, England.
 Dunsink Observatory, Co. Dublin, Eire.
 Carter Observatory, Wellington W. 1, New Zealand.
 Armagh Observatory, Armagh, Northern Ireland.
 Observatorio Barangé, Sociedad Astronomica de España y America, Paseo Bonanova 14D,
 Barcelona, Spain.
 Konkoly Observatory, Konkoly Thege Miklós-Út 13-17, Budapest XII, Hungary.
 Observatoire Mont Gros, Nice, France.
 Observatoire de la Société Astronom. de France, Rue Serpente 28, Paris 6, France.
 Universitäts-Sternwarte, Türkenschanzstr. 17, Wien 110, Austria.

Subscribers to Circulars

- Instituttet for teoretisk Astrofysikk, Blindern, V Aker, Norway.
Observatoire astronomique de l'Université de Jassy, Jassy, Roumania.
National Observatory of the Czechoslovak Republic, Ondřejov near Praha, Czechoslovakia.
Lick Observatory, Mount Hamilton, California, U.S.A.
Yerkes Observatory, Williams Bay, Wisconsin, U.S.A.
Mount Wilson Observatory, Pasadena, California, U.S.A.
U.S. Naval Observatory, Washington D.C., U.S.A.
Serials Department, The General Library, University of California, Berkeley 4, California, U.S.A.
Observatoire Astronomique, Kopernika 27, Kraków, Poland.
Observatoire, Lyon, St Genis Laval, France.
Prof. Issei Yamamoto, Kami-Tanakami, Sigaken, Japan.
Société astronomique tchèque, Observatoire Stefanik, Praha IV-Petřín, Czechoslovakia.
Brown University, Ladd Observatory, 210 Doyle Avenue, Providence 6, R.I., U.S.A.
Observatoire de Juvisy, Seine et Oise, France.
Astronomisches Institut der Universität, ul. Dlugosza 8, Lwów, U.S.S.R.
Taschkent Astronom. Observatorium, Komitet Nauk Pri S.N.K., Uz.S.S.R. Fundamentaln.
Biblioteka, ul. Abduly Tukajeva 1, g. Taschkent, U.S.S.R.
Sterrewacht, Lembang, Java.
Observatory of the University of Michigan, Ann Arbor, Michigan, U.S.A.
Prof. J. F. Cox, Laboratoire d'Astronomie de l'Université libre de Bruxelles, 50 Avenue
Fr. Roosevelt, Bruxelles, Belgium.
Observatoire de Toulouse, Toulouse, Haute-Garonne, France.
Institut d'Astrophysique de l'Université de Liège, Cointe-Sclessin, Belgium.
Prof. Oswald Thomas, Salesianergasse 8, Wien III, Austria.
H.M. Nautical Almanac Office, Royal Greenwich Observatory, Herstmonceux Castle,
Hailsham, Sussex, England.
Hans Q. Rasmusen, Vårslevgaard, Vårslev, Denmark.
G. F. Kellaway, Coker Hill, West Coker, Yeovil, Somerset, England.
Nizamiah Observatory, Begumpet, Hyderabad-Deccan, India.
Glavnaja Astronomitcheskaja Observatorija S.S.S.R. c. Pulkove (G.A.O.), bliz Leningrad,
V.O., U.S.S.R.
The Astronomical Society of Edinburgh, 126 West Savile Terrace, Edinburgh 9, Scotland.
Dr Nils Tamm, Kvistaberg, Bro, Uppsala län, Sweden.
Royal Observatory, Capetown, South Africa.
Astrophysikalisches Observatorium, Potsdam, Germany.
Hamburger Sternwarte, Bergedorf, Germany.
Universitäts-Sternwarte, Potsdam-Babelsberg 2, Germany.
Sternwarte Sonneberg in Thüringen, Germany.
Kwasan Observatory, Kyoto University, Kyoto, Japan.
Observatoire, Besançon, France.
J. Peridier, Observatoire Le Houga, Les Arouettes (Gers), France.
Observatorio astronomico, Cordoba, Argentina.
Warner and Swasey Observatory, Case Institute of Technology, Taylor and Brunswick Roads,
East Cleveland 12, Ohio, U.S.A.
Biblioteka Akademii Nauk, Birgevaya linija 1, Leningrad 164, U.S.S.R.
Dr C. Luplau Janssen, Urania-Observatoriet, Dronning Olgasvej 25, Copenhagen, Denmark.
Astronomiska Observatoriet, Helsingfors, Finland.
Eidgenössische Sternwarte, Zürich, Switzerland.
McDonald Observatory, Fort Davis, Texas, U.S.A.
Prof. B. Polesný, Jihočeska Astronomická Společnost, Schneidrova 675, Čes. Budějovice,
Czechoslovakia.
Astronomický Ústav, Karlovy University, Švédská 8, Praha XVI, Czechoslovakia.
University of California at Los Angeles, Library, Los Angeles 24, California, U.S.A.

Lowell Observatory, Flagstaff, Arizona, U.S.A.
 Astronomical Institute of the Masaryk University, Kotlářská 2, Brno, Czechoslovakia.
 Astronomical Observatory of Wrocław University, Kopernika 11, Wrocław, Poland.
 Robert A. Naef, 'Orion', auf der Platte, Meilen (Zürich), Switzerland.
 Institut d'Astronomie Pratique de l'École Polytechnique de Varsovie, rue Koszykova 75,
 Warszawa, Poland.
 Gos. nauchn. biblioteka, Minist. vyssh. obraz, pl. Nogina 2/5, Moskva, U.S.S.R.
 Inoizdat, Glavnij Pochtamt, Pochtovij Jaschik 36, Moskva, U.S.S.R.
 Jodrell Bank Experimental Station, Lower Withington, nr Crewe, England.
 Hvězdárna Observatory, Čapkovo náměstí, Plzeň-Slovany, Czechoslovakia.
 Cincinnati Observatory, Cincinnati 8, Ohio, U.S.A.
 Sterrewacht 'Sonnenborgh', Zonnenburg 2, Utrecht, Holland.
 Sektor Spetzbibliotek Akademii Nauk S.S.S.R., ul. Kujbysheva 8, Moskva 12, U.S.S.R.
 Prof. Dr A. Kaufmann, Sternwarte, Greiben 5, Solothurn, Switzerland.
 České vysoké učení technické, ústav astronomie a základu geofyziky, Karlovo nám. 13,
 Praha II, Czechoslovakia.
 Instituto de Astronomia, c/o Observatorio Astronomico, Casilla de Correo No. 867, Montevideo,
 Uruguay.
 The Institute for Theoretical Astronomy (Academy of Sciences of the U.S.S.R.), Leningrad,
 U.S.S.R.
 Statni hvězdárny republ. cs., rediv, Budecska 6, Praha XII, Czechoslovakia.
 Observatoire du Pic du Midi, Bagnières de Bigorre, Hautes Pyrénées, France.
 Universitäts-Sternwarte, Jena, Germany.
 Yale University Observatory, Prospect and Canner Streets, New Haven 11, Conn., U.S.A.
 Osservatorio astronomico di Torino, Pino Torinese, Italy.
 Obserwatorium Astronomiczne Uniwersitetu Warszawskiego, Ostrowik, poczta Kolbiel, Poland.
 A. Schmuhl, Chr. II's Plads 9, Copenhagen, Denmark.
 R. Rigollet, 67 Avenue de Versailles, Paris 16, France.
 Biblioteka Akademii Nauk, U. Dzerzhinskogo 8, Tbilisi, U.S.S.R.
 Petchatni Proizvedenija, 9 Rue Gourko, Sofia, Bulgaria.
 Roger Leclaire, S.J., Specola Vaticana, Castel Gandolfo, Italy.
 Bureau des Longitudes, Palais de l'Institut, 3 Rue Mazarine, Paris 6, France.

JULIE M. VINTER HANSEN

ADDITIONAL REPORT FROM THE BUREAU CENTRAL
 DES TÉLÉGRAMS ASTRONOMIQUES

Year	Telegrams		Circulars printed
	Received	Sent	
1951	38	504	42 (Nos. 1298-1339)

New Subscribers to Telegrams and Circulars since 1952 Jan. 1

P.P.K. 'Ruch', Biuro Wydawnictw Zagranicznych, Warszawa, Ul. Koszykowa 31, Poland.

New Subscribers to Circulars since 1952 Jan. 1

Universitäts-Sternwarte, Universitäts-Str. 4, Innsbruck, Austria.
 California Institute of Technology, Astrophysics Library-Palomar, 1201 East California St.,
 Pasadena 4, California, U.S.A.
 Moskovskoje Otdelenija Bibl. Akademii Nauk S.S.S.R., Ul. Kujbysheva 8, Moskva 12,
 U.S.S.R.

March 1952

J. M. VINTER HANSEN

Report of meeting. 5 September 1952.

ACTING PRESIDENT: Prof. H. SHAPLEY.

SECRETARY: Miss J. VINTER HANSEN.

MEMBERS PRESENT: D. Martinov, H. Shapley, J. Vinter Hansen.

In the absence of Prof. MIKHAILOV, Prof. MARTINOV attended, but asked Prof. SHAPLEY to take the Chair.

The director of the telegram bureau had nothing to add to the reports printed in draft (see *Draft Reports*, vols. I and II) but asked for the usual annual grant of 1200 gold francs, which together with a similar annual grant from a Danish foundation enabled her to run the bureau in a way not too expensive to the subscribers. The resolution to ask for this grant was endorsed.

Prof. MARTINOV explained the procedure of the distribution of telegrams within the U.S.S.R. The Sternberg Observatory, Moscow, distributes telegrams from the I.A.U. bureau to Soviet observatories, while the Engelhardt Observatory, Kazan, was the centre to which Soviet observatories communicated their discoveries for dispatch to the I.A.U. bureau.

Questioned by Dr Merton, Prof. Martinov declared that he did not consider it necessary to register all mail sent to Soviet observatories.

Dr Merton thought it desirable that a classification should take place according to the position and brightness of newly-discovered objects, so that observatories would not pay for news that was of no use to them. The Director explained that such a classification always took place at the bureau, but many observatories wanted news of all new objects, even of those that they could not observe, so that they could give information to the Press.

Prof. Shapley, on behalf of the Harvard Observatory, suggested that extra expenses incurred by the Harvard Observatory through telegrams from the I.A.U. bureau asking for control of a telegraphed position should be paid by the bureau, but that the present status of exchange of telegrams and circulars without payment between the Harvard Observatory and the I.A.U. bureau be continued. The Director of the bureau saw no objection to this proposal.