

Senov, P.I.

KALASHNIKOV, V.P., prof.; SENOV, P.L., prof.

"Bibliography of medicinal plants. An index to Russian literature:
manuscripts of the 17th-19th centuries, printed works 1732-1954" by
L.A. Utkin, A.F. Gammerman, V.A. Nevskii. Apt.delo 7 no.2:90-94
Mr-Ap '58. (MIRA 11:4)

(BIBLIOGRAPHY--BOTANY, MEDICAL)
(UTKIN, L.A.) (GAMMERMAN, A.G.) (NEVSKII, V.A.)

SENOV, P.L.

New courses in the development of pharmaceutical chemistry
during the 40 years of Soviet power in the U.S.S.R. Apt.delo 7
no.3:3-11 My-Je '58 (MIRA 11:7)
(CHEMISTRY, MEDICAL AND PHARMACEUTICAL)

SENOV, P.L., prof.

Pharmaceutical science in the Korean People's Democratic Republic
and the Chinese People's Republic. Apt.delo 7 no.4:76-81 J1-Ag '58
(MIRA 11:8)

1. Chlen prezidiuma Uchenogo meditsinskogo soveta Ministerstva
zdravookhraneniya SSSR.

(KOREA, NORTH--PHARMACY)

(CHINA,--PHARMACY)

SENOV, P.L., prof.

Planning research in pharmacy in the period 1959-1965 . Apt.delo
7 no.5:3-8 S-0 '58 (MIRA 11:10)

1. Predsedatel' problemnoy komissii No.47 prezidiuma Akademii
meditsinskikh nauk SSSR.
(PHARMACEUTICAL RESEARCH)

STETSUK, A.M., KOROLEVA, M.G., KUTOMOVA, YE, N., SENOV, P.L.

First National Pharmaceutical Conference in the Rumanian Peoples
Republic. Apt.dele 7 no.6:71-76 N-D '58 (MIRA 11:12)
(RUMANIA--PHARMACY)

ARKHIPOVA, A.V.; SENOV, Petr Leonidovich, red.

[Practical manual on pharmaceutical chemistry] Prakticheskoe
rukovodstvo po farmatsevticheskoi khimii. Moskva, Medgiz, 1959.
343 p. (MIRA 13:8)
(CHEMISTRY, MEDICAL AND PHARMACEUTICAL)

SENOV, P.L., prof.

First graduation of pharmacists from the correspondence section
of the Moscow Pharmaceutical Institute in August 1958. Apt.delo
8 no.2:32-37 Mr-Ap '59. (MIRA 12:5)

1. Predsedatel' Gosudarstvennoy ekzamenatsionnoy komissii.
(PHARMACY--STUDY AND TEACHING)

SENOV, P.L.

Second All-Union Conference of Pharmacists. Apt.delo 8
no.3:79-81 My-Je '59. (MIRA 12:8)
(PHARMACY--CONGRESSES)

SENOV, P.L.

On the bibliography of the plant Schisandra chinensi Baill.
Supplement 3. Apt.delo 8 no.4:93-95 J1-Ag '59. (MIRA 12:10)
(BIBLIOGRAPHY--SCHISANDRA)

SENOV, P.L., prof.

Recommendations for the preparation of a plan of scientific research,
Apt.delo 8 no.5:3-7 S-0 '59. (MIRA 13:1)

1. Predsedatel' Problemnoy komissii No.47 Akademii meditsinskikh nauk
SSSR.

(PHARMACEUTICAL RESEARCH)

SENOV, Petr Leonidovich; KUVSHINSKIY, M.N., red.; BUL'DYAYEV, N.A.,
tekhn.red.

[Textbook on pharmaceutical chemistry] Uchebnik farmatsevti-
cheskoi khimii. Izd.5., perer. i dop. Moskva, Gos.izd-vo med.
lit-ry, 1960. 458 p. (MIRA 13:8)
(CHEMISTRY, MEDICAL AND PHARMACEUTICAL)

SENOV, P.L.

International Pharmaceutical Congress in Karlovy Vary (Czecho-
slovakia). Apt.delo 9 no.1:81-84 Ja-F '60. (MIRA 13:6)
(PHARMACY--CONGRESSES)

SENOV, P.L., prof.; MEL'NICHENKO, A.K.

Recommendations on the preparation of a plan for research in
1961-1962 on problem No.47. Apt.delo 9 no.2:6-11 Mr-Ap '60.
(MIRA 13:6)

1. Predsedatel' problemnoy komissii No.47 Akademii meditsinskikh
nauk SSSR (for Senov). Direktor Tsentral'nogo aptechnogo nauchno-
issledovatel'skogo instituta (for Mel'nichenko).
(PHARMACEUTICAL RESEARCH)

SENOV, P.L.; ARZAMASTSEV, A.P.

"British Pharmaceutical Codex." Reviewed by P.L.Senov, A.P.
Arzamastsev. Apt. de 9 no.3:85-86 My-Je '60. (MIRA 14:3)
(GREAT BRITAIN--PHARMACY)

SENOV, P.L., prof.

New 16th edition of the United States Pharmacopoeia. Apt.
delo 10 no. 1:69-73 Ja-F '61. (MIRA 14:2)
(UNITED STATES---PHARMACOPOEIAS)

SENOV, P.L.

New (XI) edition of the National Formulary of the U.S.A. Apt.
delo 10 no. 2:69-70 Mr-Ap '61. (MIRA 14:4)
(UNITED STATES—MEDICINE—FORMULAE, RECEIPTS, PRESCRIPTIONS)

SENOV, P.L.

New 1960 supplement to the 1958 edition of the British Pharmacopeia.
Apt. delo 10 no.4:72-74 J1-Ag '61. (MIRA 14:12)
(GREAT BRITAIN--PHARMACOPEIAS)

BLAGOVIDOVA, Yu.A., dots., otv. red.; MEL'NICHENKO, A.K., zam.
otv. red.; GAMBERMAN, A.F., prof., red.; KUTUMOVA, Ye.N.,
red.; SEDOVA, K.D., kand. farm. nauk, red.; SENOV, P.L.,
prof., red.; SIDORKOV, A.M., red.; STETSYUK, A.M., red.;
SHILOV, Yu.M., kand. farm. nauk, red.; KHALETSKIY, A.M.,
prof., red.

[Materials of the Second All-Union Conference of Pharma-
cists] Materialy Vtoroi Vsesoiuznoi konferentsii farma-
tsevtov. Moskva, Medgiz, 1961. 394 p. (MIRA 17:7)

1. Vsesoyuznaya konferentsiya farmatsevtov, 2d, Leningrad, 1959.
2. Kafedra ~~tehnologii~~ ~~lekarn~~ ~~stv~~ I Moskovskogo meditsinskogo in-
stituta im. I.M.Sechenova (for Blagovidova).
3. Direktor
Tsentral'nogo aptechnogo nauchno-issledovatel'skogo insti-
tuta (for Kutumova).
4. Zaveduyushchiy kafedroy farmatsevti-
cheskoy ~~khimii~~ I Moskovskogo meditsinskogo instituta imeni
I.M.Sechenova (for Senov).
5. Zamestitel' direktora po na-
uchnoy chasti Tsentral'nogo aptechnogo nauchno-issledovatel'-
skogo instituta (for Shilov).

SENGV, P.L.

The Dispensatory of the United States of America (25th edition); a
review. Apt. delo 11 no.1:65-68 Ja-F '62. (MIRA 15:4)
(DISPENSATORIES)

SENOV, P.L., prof.; ZAYTSEV, V.A.; YANKHONEN, E.N.

Principal Soviet and foreign pharmaceutical journals. Apt. delo 11
no.1:83-87 Ja-F '62: (MIRA 15:4)

(PHARMACY--PERIODICALS)

SENOV, P.L.

Plan of research on principles in the development of pharmacy
and the search for new ways of preparing drugs and methods of
their analysis in 1963-1964. Aptechn. dats 12 no. 3:3-7 My; Je '63
(MIRA 17:2)

SENOV, P.L.

Some results of scientific research on the principles of
the development of pharmacy and exploration of new ways
in the preparation of drugs and the methodology of their
analysis for the year 1962. Apt. delo 12 no.4:7-14 J1-Ag
'63. (MIRA 17:2)

SENOV, P.L.

First edition of a pharmacopoeia in Indonesia. (pt. 1) 12
no.2391-92 Mr-Ap '63. (MIRA 17:7)

SENOV, P.L.

Scientific research in the field of pharmacy planned for
1966-1970. Apt. delo 13 no.3.3-9 My-Je '64. (MIRA 18:3)

1. Predsedatel' Problemy komissii Ministerstva zdravookhraneniya
SSSR.

SENOV, P.L. (Moskva)

Implementation of the plan for pharmaceutical research during
1963. Apt. delo 13 no.4:3-11 J1-Ag '64. (MIRA 18:3)

SENOV, P.L.

Development of research in the field of pharmacognosy in the light of
the December resolutions of the Central Committee of the CPSU. Farmatsev.
zhur. 19 no.6:9-12 '64. (MIRA 18:4)

1. Predsedatel' Problemnoy komissii Ministerstva zdravookhraneniya
SSSR.

SENOV, P.L.

Results of pharmaceutical research in 1964. Apt. delo
14 no.5:3-12 S-O '65. (MIRA 18:11)

GLYZIN, V.I.; SENOV, P.L.

Alkaloids from the rootstocks of *Nardosmia laevigata* Willd. DC.
Apt. delo 14 no.1:29-30 Ja-F '65. (MIRA 18:10)

1. Moskovskiy ordena Lenina meditsinskiy institut imeni
Sechenova.

SEMOV, P.L.

Scientific pharmaceutical research in 1965. Apt. delo 14
no. 4:3-8 JI-Ag '65 (MIRA 19:1)

1. Submitted May 5, 1965.

GLYAIN, V.I.; SENOV, P.L.

Flavonoids from *Nardosmia laevigata*. *Apt. delo* 14 no. 2: 34-36
Mr. Ap '65. (MIRA 19:1)

1. Pervyy Moskovskiy ordena Lenina meditsinskiy institut
iment I.M. Sechenova. Submitted June 1, 1964.

KAREVA, G.F.; SENOVA, Z.P.

Mechanism of the antiarrhythmic action of ganglionic blocking agents. Farm. i toks. 25 no.4:434-437 11-Ag '62. (MIRA 17:10)

1. Laboratoriya chastnoy varmakclogii (zav. - deystvitel'nyy chlen AMN SSSR prof. V.V. Zakusov) Instituta farmakologii i khimioterapii AMN SSSR.

SENOVA, Z.P.

Antiarrhythmic activity of some pharmacological substances. Vest.
AMN SSSR 18 no.1:59-64 '63. (MIRA 16:2)

1. Institut farmakologii i khimioterapii AMN SSSR.
(ARRHYTHMIA) (AUTONOMIC DRUGS)

SEN'SHINA, K.A.

SEN'SHINA, K.A., inzh.

Measuring the speeds of pulsating flow with the use of a Pitot-Prandtl tube. Gidr.stroi.26 no.12:38-39 D '57. (MIRA 10:12)
(Flowmeters)

AUTHOR: Sen'shina, K.A., Engineer SOV-99-58-8-3/11

TITLE: Hydraulic Jump in a Prismatic Trapezoidal Weir
(O pryzhke vody v prizmaticheskom trapetsoidal'-
nom rusle)

PERIODICAL: Gidrotehnika i melioratsiya, 1958, Nr 8, pp 13-19 (USSR)

ABSTRACT: Information is given on former and present formula and research conducted to determine the length of hydraulic jump in trapezoidal weirs. The following personalities are mentioned in this connection. M.S.Vyzgo and M.M. Skiba, Head of the chair of Hydraulics of the Novochoerkasskiy inzhenernomeliorativnyy institut (Novochoerkassk Engineering Meliorative Engineering) and the author. There are 3 tables, 1 map, 3 graphs, 12 diagrams and 2 references, 1 of which is Soviet and 1 English.

1. Dams--USSR 2. Dams--Properties 3. Mathematics--Applications

Card 1/1

SEN SHUK, V.S.

EXCERPTA MEDICA Sec 2 Vol. 2/6 Physiology June 58

2447. DISTURBANCE OF MINERAL METABOLISM IN ANIMAL ORGANISMS AS A
RESULT OF UV LIGHT DEFICIENCY (Russian text) - SENSUK V. S. -
GIGIENA 1957, 9 (9-15) Graphs 1 Tables 2

Investigations, carried out in Minsk, have shown that the loss of natural UV radiation due to pollution of the atmosphere had a detrimental effect on the animal organism. Under certain conditions it caused a disturbance of mineral metabolism which manifested itself by a considerable increase of phosphatase activity and a fall of the inorganic P content in the blood of experimental puppies.

BINIECKI, Stanislaw; GONIA, Danuta; SLABKOWICZ, Maria; SENT, Krystyna

Production of 5,7-disulfonamido-1,2,4-benzothiadiazine-1,1-dioxide and chlorosulfonation of o-toluidine hydrochloride and acetyl derivatives. Acta pol. pharm. 19 no.3:257-261 '62.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych Akademii Medycznej w Warszawie Kierownik: prof. dr. S. Biniecki.

(SULFONAMIDES chem)

(HETEROCYCLIC COMPOUNDS chem)

(TOLUENE rel cpds)

(ANILINE COMPOUNDS chem)

SENTEK, W.; RYS, R., doc. dr.; BACZKOWSKA, H.

Digestibility of the nutritive compounds of standard food mixture for broilers and effect of some additions on the nitrogen balance. Zesz probl post nauk roln no.54:31-36 '64.

1. Department of Animal Feeding of the Institute of Zootechnics, Krakow. Head of Department: Dr.Rys.

SENTEK, W.; RYS, Rajmund, doc. dr; BACZKOWSKA, H.

Digestibility of standard broiler mash and influence of some admixtures on the nitrogen balance. Rocznik nauki rolno-żywnośc. 84 no.3:607-615 '64.

1. Department of Feeding of the Zootechnical Institute, Krakow.
Head:[doc.] Rajmund Rys.

SENTESH F.

3(0)
AUTHOR: Babinets, A. Ye., Candidate of Geological- Mineralogical Sciences SOV/30-59-1-16/57

TITLE: Congress of Geologists of the Carpathians and Balkans (S"yezd geologov karpatskikh i balkanskikh stran)

PERIODICAL: Vestnik Akademii nauk SSSR, 1959, Nr 1, pp 85 - 89 (USSR)

ABSTRACT: The 4th Congress of the Carpathian-Balkan Association took place in Kiyev and Lvov on September 16-29, 1958, 250 delegates taking part. Members of the Association are Bulgaria, Hungary, Poland, Rumania, the USSR, Czechoslovakia and Jugoslavia. The reports discussed tectonics of the Carpathians and their mutual relationship with the Balkanides, the stratigraphy and paleogeography of the Carpathians, vulcanicity in the Carpathians, and the formation of different mineral resources in them. O. S. Vyalov, on behalf of the organizing committee of the Congress, reported on questions of tectonics of the Soviet East Carpathians. M. Magel reported on tectonic investigations in the Central West Carpathians by Czechoslovak geologists. The Hungarian and Rumanian investigators F. Sentesh, M. Blyakhu, I. Dumitresku, I. Motyash, D. Patrulis reported on the structure

Card 1/3

Congress of Geologists of the Carpathians and Balkans SOV/30-59-1-16/57

The 5th Congress of the Association is anticipated for 1961
in Rumania.

Card 3/3

SENTIC, Ante, inz.

A symposium on the behavior of ships in heavy seas.
Brodogradnja 8 no.6:221-229 '57.

SENTIC, Ante, ing.; MOLNAR, Mladen, ing.

Effect of the inclined bottom and shallow waters on steerage.
Vodoprivreda Jug 2 no.7/8:99-103 '59. (EFAI 10:1)

1. Brodarski institut, Zagreb.
(Ships) (Water)

SENTIC, Ante, inz.

A new method of computing the hardness of ship screws. Brodogradnja
5 no.4:167-177 '54.

SENTIC, M.

"The effect of nuclear armaments on the objects of permanent fortification."

p. 691 (Vojno Delo) Vol. 9, no. 10/11, Oct./Nov. 1957
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 4,
April 1958

SENTIC, Branko, inz.

The Archaculoff pump, a little-known system for the injection of fuel into slow diesel engines. Brodogradnja 5 no.4:190-195 '54.

SENTIC, Branko, inz.

The new Gebr. Sulzer Z-family diesel motor. Brodogradnja 14
no.4:142-149 '63.

VLASIC, Ciril, inz.; SENTIC, Tomislav, inz.

Central heating as a function of outside temperature. Strojarstvo
5 no.5/6:7-15 '63.

BALAZH, E. [Balazs, E.] (Vengerskaya Narodnaya Respublika); SENTIVANI, D.
[Szentivanyi, D.] (Vengerskaya Narodnaya Respublika); SABO, Sh.
[Szabo, S.] (Vengerskaya Narodnaya Respublika)

Method and equipment for the continuous, automatic feeding of
alumina to aluminum electrolytic cells. Izv. vys. ucheb. zav.;
tsvet. met. 4 no.5:179-185 '61. (MIRA 14:10)

1. Rekomendovana kafedroy metallurgii legkikh metallov Kras-
noyarskogo instituta tsvetnykh metallov.
(Hungary--Aluminum--Electrometallurgy)
(Feed mechanisms)

SENTKIEWICZ, Wladyslaw

Selftightening ring for covers of textile separators. Energetyka
przem 10 no.2:67 '62.

1. Chodakowskie Zaklady Wlokien Sztucznych.

KHADNAD', Ch.; KHORVAT, Ye.; SENTKIRALI, I.; IMRE, B.; YERDELI, A.;
GANTS, A.

Treatment of acetonemic vomiting in children with vitamin B₁₂.
Pediatria no.10:21-22 '61. (MIRA 14:9)

1. Iz II kliniki vnutrennikh bolezney i kliniki det'skikh bolezney
Tyrgu-Mureshskogo mediko-farmatsevticheskogo instita, Rumyniya.
(ACETONEMIA) (VOMITING) (CYANOCOBALAMINE)

ZTMANI, Y. [Zimányi, J.]; ERE, Ya.; POCH, L.; SENPETERI, I.

Circular polarization of γ - quanta in the $B^{10} (d, p\gamma)B^{11}$
reaction. Zhur. eksp. i teor. fiz. 40 no.2:709-711 F '61.
(MIRA 14:7)

1. Tsentral'nyy nauchno-issledovatel'skiy institut fiziki
Akademii nauk Vengerskoy Narodnoy Respubliki, Budapesht.
(Nuclear reactions)

Sentsov, G.V.
SENTSOV, G.V., pensioner.

Cherished memories. Elek. i tepl. tiaga no.11:21 N '57. (MIRA 10:11)

1. Byvshiy nachal'nik elektrovoznogo tsekha zavoda "Dinamo."
(Electric locomotives)

SENISOV, G. Ya. (Veterinary Doctor, Penza Plant of Medical Preparations).
(Abstracted by NOSKOV, A. I.)

"Levorin [antifungus antibiotic] in treatment of herpes tonsurans in calves"...
Veterinariya, vol. 39, no. 3, March 1962 pp. 33

SENTSOV, N. D.

"Study of the Strength of Welded Diaphragms in Steam Turbines, and Their Designing."
Leningrad Ship Building Inst., Leningrad, 1955. (Dissertation for the Degree of
Candidate in Technical Sciences)

SO: Knizhnaya Letopis', No. 22, 1955, pp 93-105

SENTSOV, N.D., kand. tekhn. nauk.

Some observations on the article by U.G. Koifman and V.D. Pshenichnyi.
Energomashinostroenie 4 no.1:46 Ja '58. (MIRA 11:1)

(Steam turbines)
(Koifman, U.G.) (Pshenichnyi, V.D.)

SENTSOV, N.D., kand. tekhn. nauk.

Investigating the deflections and stresses in welded diaphragms of
steam turbines. Energomashinostroenie 4 no.8:6-11 Ag '58. (MIRA 11:11)
(Steam turbines).

GUCHEK, T.S.; ZEMLYANSKAYA, V.G.; KARAVAYEV, M.M.; SYTINA, AI.;
SENTSOV, V.M.; TYULYAYEVA, V.P.; OBRUCHEV, V.V., otv. red.;
KORMIL'TSEVA, A.A., red. izd-va; GOLUB', S.P., tekhn. red.

[Bibliography of the Yakut A.S.S.R., 1931-1959] Bibliografiia
IAkutskoi ASSR, 1931-1959. Moskva, Izd-vo Akad. nauk SSSR.
Vol.2. [Natural features, resouces, and national economy] Pri-
rodnye usloviia, resursy i narodnoe khoziaistvo. 1962. 254 p.

(MIRA 15:7)

1. Akademiya nauk SSSR. Sektor seti spetsial'nykh bibliotek.
2. Nauchnaya biblioteka Soveta po izucheniyu proizvoditel'-
nykh sil Akademii nauk SSSR (for Guchek, Zemlyanskaya, Sytina
Tyulyayeva).
3. Moskovskiy gosudarstvennyy universitet (for
Karavayev)
4. Yakutskaya respublikanskaya biblioteka im. A.S.
Pushkina (for Sentsov).

(Bibliography--Yakutia)

SENTSOV, V.M.; NINEMYAGI, D.K., red. izd-va; MOCHALINA, Z.S.,
tekhn. red.

[Developments of pipe joints] Razvertki soedinitel'nykh
chastei truboprovodov. Moskva, Gosstroizdat, 1962. 56 p.
(MIRA 15:8)

(Pipe joints)

SHATALOV, A. Ya.; SEMTSOVA, V. I.; KBYRCHENKO, V. I.

Study of the electric conductivity in the system boric acid - ammonia - ethylene glycol. Zhur. VINO 5 no. 3:346-347 '80.
(ITA. 14:2)

1. Voronezhskiy gosudarstvennyy universitet.
(Boric acid) (Ammonia) (Glycol)

SENTSOVA, Yu.Ye.

Determining the variation of the period of δ Cephei. Per.
zvezdy 12 no.2:99-107 N '57. (MIRA 13:4)

1. Gosudarstvennyy astronomicheskiy institut im. P.K.
Shternberga, Moskva.
(Stars, Variable)

SENTSOVA, Yu.Ye., mladshiy nauchnyy sotrudnik; LATYPOV, A.A.; BARKHATOVA,
K.A.; TORAO, M.;

Results of photographic observations of artificial earth
satellites. Biul.sta.opt.nabl.isk.sput.Zem. no.4:18-23
'59. (MIRA 13:6)

1. Astronomicheskij Sovet AN SSSR (for Sentsova). 2. Nachal'nik
fotograficheskoy stantsii iskusstvennykh sputnikov Zemli
Tashkenstkoj astronomicheskoy observatorii AN UzSSR (for
Latypov). 3. Rukovoditel' Astronomicheskoy observatorii Ural'-
skogo gosuniversiteta (for Barkhatova). 4. Sotrudnik
Astronomicheskoy Mitaka bliz Tokio (for Torao).
(Artificial satellites--Tracking)

GINDIN, Ye.Z.; LEYKIN, G.A.; LOZINSKIY, A.M.; LUR'YE, M.A.; MASEVICH,
A.G.; SEVERNAYA, O.A.; SENTSOVA, Yu.Ye.; SLOVOKHOTOVA, N.P.;
TOL'SKAYA, V.A.; TSITOVICH, V.V.

Brief report of the Astronomical Council of the Academy of
Sciences of the U.S.S.R. on visual and photographic observations
of artificial earth satellites in 1957-1959. Biul. sta. opt.
nabl. isk. sput. Zem. no. 6:1-33 '60. (MIRA 14:2)
(Artificial satellites--Tracking)

KALIKHEVICH, F.; IVAKINA, T.; DUBYAGO, I.A., nauchnyy sotrudnik; SENTSOVA,
Yu.Ye., nauchnyy sotrudnik

Results of photographic observations of artificial earth
satellites. Biul.sta.opt.nabl.isk.sput.Zem. no.23:21-25
'61. (MIRA 15:3)

1. Nikolayevskaya stantsiya nablyudeniya iskusstvennykh sputnikov
Zemli (for Kalikhevich, Ivakina).
(Artificial satellites--Tracking)

CHERVYAKOVA, A.F.; PLUZHNIKOV, V.Kh.; GORELOV, Ya.P.; SHERBAUM, L.M.;
KRYLOV, A.G.; SENTSOVA, Yu.Ye.; KHARIN, B.T.

Results of photographic observations of artificial satellites.
Biul.sta.opt.nabl. isk.sput.Zem. no.25:23-28 '62. (MIRA 15:7)

1. Nachal'nik stantsii nablyudeniya iskusstvennykh sputnikov Zemli Instituta astrofiziki AN Turkmenskoy SSR (for Chervyakova).
 2. Nachal'nik Khar'kovskoy stantsii nablyudeniya iskusstvennykh sputnikov Zemli (for Pluzhnikov).
 3. Nachal'nik stantsii nablyudeny iskusstvennykh sputnikov Zemli Gosudarstvennogo astronomicheskogo instituta im. P.K.Shternberga (for Gorelov).
 4. Astronomicheskaya observatoriya Kiyevskogo universiteta (for Sherbaum).
 5. Stantsiya Astronomicheskogo soveta AN SSSR (for Krylov, Sentsova).
 6. Nachal'nik Tomskoy stantsii opticheskikh nablyudeny iskusstvennykh sputnikov Zemli (for Kharin).
- (Artificial satellites—Tracking)

YUREVICH, V.A.; KRYLOV, A.G.; BELENKO, V.I.; SENTSOVA, Yu.Ye.

Results of photographic observations of the Ekho-1, 1960, artificial satellite at the Station of the Astronomical Council of the Academy of Sciences of the U.S.S.R. Biul.sta.opt.nabl.isk.sput.Zem. no.26:6-15 '62. (MIRA 15:7)

1. Stantsiya Astronomicheskogo soveta AN SSSR.
(Artificial satellites--Tracking)

BRATIYCHUK, M.V.; BELENKO, V.I.; KRYLOV, A.G.; SENTSOVA, Yu. Ye.;
YUREVICH, V.; TUMANYAN, B. Ye.; KHARIN, B. T.; CHERVYAKOVA, A. F.;
BERUCHKA, Yu. I.; PLUZHNIKOV, V. Kh.; SHILKINA, Z. A.

Results of photographic observations of artificial satellites.
Biul. sta. opt. nabl. isk. sput. Zem. no. 28:16-30 '62.

(MIRA 15:12)

1. Nachal'nik Uzhgorodskoy stantsii nablyudeniya iskusstvennykh sputnikov Zemli (for Bratiychuk). Stantsiya Astronomicheskogo soveta AN SSSR (for Belenko, Krylov, Sentsova, Yurevich, Shilkina).
 3. Nachal'nik Yerevanskoy stantsii nablyudeniya iskusstvennykh sputnikov Zemli (for Tumanyan).
 4. Nachal'nik Stantsii nablyudeniya iskusstvennykh sputnikov Zemli pri Tomskom gosudarstvennom universitet (for Kharin).
 5. Nachal'nik stantsii No. 074, Instituta astrofiziki AN Turkmenskoy SSR (for Chervyakova).
 6. Nachal'nik stantsii nablyudeniya iskusstvennykh sputnikov Zemli Astronomicheskoy observatorii Khar'kovskogo universiteta (for Pluzhnikov).
- (Artificial satellites—Tracking)

TUMANYAN, B.Ye.; KALIKHEVICH, F.F.; IVAKINA, T.Ya.; BRATIYCHUK, M.V.;
BELENKO, V.I.; KRYLOV, A.G.; SENTSOVA, Yu.Ye.; SHILKINA, Z.S.;
YUREVICH, V.A.; ZAKHAROV, V.N.

Results of photographic observations of artificial earth satel-
lites. Biul.sta.opt.nabl.isk.sput.Zem. no.29:37-44 '62.

(MIRA 16:2)

1. Nachal'nik Yerevanskoy stantsii nablyudeniya iskusstvennykh
sputnikov Zemli (for Tumanyan). 2. Nikolayevskaya stantsiya
nablyudeniya iskusstvennykh sputnikov Zemli (for Kalikhevich,
Ivakina). 3. Nachal'nik Uzhgorodskoy stantsii nablyudeniya
iskusstvennykh sputnikov Zemli (for Bratiychuk). 4. Zvenigorod-
skaya stantsiya Astronomicheskogo soveta AN SSSR (for Belenko,
Krylov, Sentsova, Shilkina, Yurevich). 5. Nachal'nik Irkutskoy
stantsii nablyudeniya iskusstvennykh sputnikov Zemli (for Zakharov).
(Artificial satellites—Tracking)

L 25288-65 EEO-2/EWT(d)/FBD/FSF(h)/FSS-2/EWT(1)/FS(v)-3/EEG(k)-2/EWA(d)/T-2/
 EWA(b)/EEG(c)-2/EEB-2/FGS(k)/EEB(b)-3/EWA(h)/EWA(c) Pg-l/Pl-l/Pk-l/Pl-l/Pn-l/Po-l/
 Pq-l/Pv-l/Pac-l/Pae-2/Peb IJP(c) GW/WR
 s/2816/63/000/032/0033/0037
 ACCESSION NR: AT5003547

AUTHORS: Krylov, A. G.; Romanova, G. V.; Sentsova, Yu. Ye.; Shilkina, Z. S.; Yurevich, V. A. 91
 98
 131

TITLE: [Observation of artificial satellites]

SOURCE: AN SSSR. Astronomicheskii sovet. Byulleten' stantsiy opticheskogo
 nablyudeniya iskuствennykh sputnikov Zemli, no. 32, 1963, 33-37

TOPIC TAGS: artificial satellite, satellite tracking, satellite tracking camera/
 satellite 1960 L₁, NAFA-3s/25 camera, KIM-3 microscope, Ural computer 20

ABSTRACT: Observations were made on the satellite 1960 L₁ in June 1961. The camera
 used was a NAFA-3s/25. Observers were A. G. Krylov and V. A. Yurevich. Measure-
 ments were made on a KIM-3 microscope by R. M. Belenko and I. M. Panferov. Computa-
 tions were made by the Kiselev method for two sets of three reference stars and by
 the Turner method. Yu. Ye. Sentsova did the computations on the Ural computer.
 Observation times were reduced to standard time. The next to last column of the
 table gives the possible maximal error in coordinates, determined from negatives
 where the position of optical center was reliably known. Figures I and II in the
 last column indicate two different cameras (of the same type). G. V. Romanova and
 Card 1/3

L 25288-65

ACCESSION NR: AT5003547

Z. S. Shilkina participated in the work. Results of 123 observations are given in a table, part of which is shown on the Enclosure. Orig. art. has: 1 table.

ASSOCIATION: Stantsiya Astronomicheskogo soveta AN SSSR (Station of the Astronomical Council AN SSSR)

SUBMITTED: 02Nov62

ENCL: 01

SUB CODE: SV, DC

NO REF SOV: 000

OTHER: 000

Card 2/3

L 25288-65

ACCESSION NR: AT5003547

ENCLOSURE: 01

0

Station of the Astronomical Council AN SSSR

No. No. P/P	Date	U.T.	ΔT	α (1950.0)	δ (1950.0)		
1	2	3	4	5	6	7	8

1960 1

	<u>1961</u>						
1.	June 25	20 ^h 59 ^m 56 ^s .404	+0 ^s .008	00 ^h 12 ^m 14 ^s .3	12 ^o 16'59"	9"	I
....							
123.	26	22 29 52.794	0 .006	02 33 46 .4	01 37 17	11	II

Card 3/3

L 27214-65 EEO-2/EWT(1)/EWT(d)/FBD/FSF(h)/FSS-2/FS(v)-3/EEG(k)-2/EAG(a)-2/EAG(v)/
EWA(d)/E/EEC(t)/EEC(c)-2/EED-2/EED(b)-3 Pn-4/Po-4/Pe-5/Pq-4/Pac-4/Pg-4/Pae-2/Pi-4/
Pk-4/P1-4 IJP(c) TT/GW/WR

ACCESSION NR: AT5003548

S/2816/63/000/032/0037/0043

AUTHORS: Krylov, A. G.; Yurevich, V. A.; Sentsova, Yu. Ye.; Romanova, G. V.;
Shilkina, Z. S.

LO /
8 /
B+1

TITLE: none

SOURCE: AN SSSR. Astronomicheskij sovet. Byulleten' stantsiy opticheskogo
nablyudeniya iskusstvennykh sputnikov Zemli, no. 32, 1963, 37-43

TOPIC TAGS: artificial satellite, ⁹satellite tracking, ¹²satellite tracking camera/
NAFA-3s/25 camera, KIM 3 microscope, Ural computer, satellite 1960 L₁

ABSTRACT: Observations were made on the satellite 1960 L₁ in July and August 1961.

A NAFA-3s/25 camera was used. Observers were A. G. Krylov and V. A. Yurevich.
Measurements were made by R. M. Belenko and I. A. Khasanov on a KIM-3 microscope.
Computations were made by the Kiselev method for two sets of three reference stars
and by the Turner method. Yu. Ye. Sentsova did the computations on the Ural com-
puter. The next-to-last column of the table shows the maximal possible error in
coordinates determined from negatives where the optical center could be reliably
found. Figures I and II in the last column refer to two different NAFA-3s/25
cameras. G. V. Romanova and Z. S. Shilkina participated in the work. Results of

Card 1/3

L 27214-65

ACCESSION NR: AT5003548

187 observations are presented in a table, part of which is reproduced on the Enclosure. Orig. art. has: 1 table.

ASSOCIATION: Stantsiya Astronomicheskogo soveta AN SSSR (Station of the Astronomical Council, AN SSSR)

SUBMITTED: 17Dec62

ENCL: 01

SUB CODE: SV, DC

NO REF SOV: 000

OTHER: 000

Cards 2/3

L. 27214-65

ENCLOSURE: 01

ACCESSION NR: AT5003548

Station of the Astronomical Council AN SSSR

No.	Date	U. T.	ΔT	α (1950.0)	δ (1950.0)		
1	2	3	4	5	6	7	8
	1961						
			1960 \downarrow 1				
1.	July 29	20 ^h 28 ^m 26. ^s 532	± 0.005	22 ^h 31 ^m 35. ^s 0	14 ^o 32'19"		I
.....							
187.	August 8	23 23 43.768	0.007	23 57 11.7	-18 46 05	16	II

Card 3/3

L 27217-65 EEO-2/ENT(d)/FBD/FSF(h)/FSS-2/ENT(1)/FS(v)-3/EEG(w)-2/ENG(v)/EWA(d)/T/
 EEC(c)-2/EED-2/EED(b)-3 Pn-l/Po-l/Pe-5/Pq-l/Pac-l/Pg-l/Pae-2/Pi-l/Pka-l/Pi-l-4
 IJP(c) GW-2/WR

S/2816/63/000/032/0047/0048

ACCESSION NR: AT5003550

AUTHORS: Sentsova, Yu. Ye.; Shilkina, Z. S.; Yurevich, V. A.

TITLE: none

SOURCE: AN SSSR. Astronomicheskii sovet. Byulleten' stantsiy opticheskogo nablyudeniya iskusstvennykh sputnikov Zenli, no. 32, 1963, 47-48

TOPIC TAGS: satellite, artificial earth satellite, satellite tracking, earth satellite tracking, satellite observation, satellite track analysis/ NAFA MK 75 camera, Ural electronic computer, KIM 3 microscope, UIM 21 microscope, satellite 1960 E₃, satellite 1960 G₁ (Midas 3), satellite 1960 L₁ (Echo I)

ABSTRACT: Results obtained in photographic observations of three satellites (1960 E₃, 1960 G₁ (Midas-3), and 1960 L₁ (Echo-I)) are presented. Camera NAFA MK-75 was used. V. A. Yurevich acted as observer, while measurements were obtained by R. M. Belenko on the KIM-3 microscope and by I. M. Panferova on the UIM-21 microscope. Data were processed according to the method of A. A. Kiselev, involving two sets of three reference stars. Yu. Ye. Sentsova carried out the calculations on the electronic computer "Ural." Moments of observations were reduced to standard time. Z. S. Shilkina and V. A. Yurevich took part in the data processing. Results

Card 1/3

L 27217-65

ACCESSION NR: AT5003550

are presented as 16 entries in the table shown partially on the Enclosure. Orig.
art. has: 1 table.

ASSOCIATION: Stantsiya Astronomicheskogo soveta AN SSSR (Station of Astronomical
Council, AN SSSR)

SUBMITTED: 02Nov62

ENCL: 01

SUB CODE: SV, DC

NO REF SOV: 000

OTHER: 000

Card 2/3

L 27217-65
ACCESSION NR: AT5003550

ENCLOSURE: 01

No.	Date	U. T.	ΔT	$\alpha(1950.0)$	$\delta(1950.0)$
1	2	3	4	5	6
		<u>1960 ϵ_3</u>			
1.	May 29	20 ^h 42 ^m 25 ^s .886	±0.014	14 ^h 50 ^m 31 ^s .3	+42°07'07"
.....					
14.	April 17	00 27 02.624	0.003	16 34 29.2	-14 22 18

Card 3/3

L 27196-65 EEO-2/ENT(d)/FED/EST(h)/FSS-2/ENT(1)/FS(v)-3/EEC(k)-2/EXG(v)/EMA(d)/
 T/EEC(c)-2/EEB-2/EEB(b)-3 Pz-l/Po-l/Pe-5/Pc-l/Pac-l/Pg-l/Pae-2/
 P1-l/Pk-l/Pl-l IJP(c) GW/WR S/2816/63/000/033/0029/0033

ACCESSION NR: AT5003597

AUTHORS: Belenko, V. I.; Belenko, R. M.; Krylov, A. G.; Panferov, I. M.; Romanova, G. V.; Sentsova, Yu. Ye.; Shilkina, Z. S.

97
 77
 B+1

TITLE: [Results of Satellite Observations]

SOURCE: AN SSSR. Astronomicheskiy sovet. Byulleten' stantsiy opticheskogo nablyudeniya iskusstvennykh sputnikov Zemli, no. 33, 1963, 29-33

TOPIC TAGS: artificial satellite, satellite tracking, satellite tracking camera/
 satellite 1960 L₁, NAFA 3s/25 camera, KIM 3 microscope, Ural computer

ABSTRACT: Observations were made on the satellite 1960 L₁ during August and October 1961. A NAFA-3s/25 camera was used. The observer was A. G. Krylov. Measurements were made on a KIM-3 microscope by R. M. Belenko, I. M. Panferov, and G. V. Romanova. Computations were made by the Kiselev method for two sets of three reference stars and by the Turner method. Yu. Ye. Sentsova did the calculations on the Ural computer. Observation times were reduced to standard time. The last column of the table shows possible maximal error in coordinates because of unreliability of locating optical center within 1 cm. V. I. Belenko and Z. S. Shilkina participated in the work. Results of 125 observations are given in a table, part

Card 1/2

L 27196-65
ACCESSION NR: AT5003597

of which is reproduced on the Enclosure. Orig. art. has: 1 table.

ASSOCIATION: Zvenigorodskaya stantsiya Astronomicheskogo soveta AN SSSR
(Zvenigorodka Station of the Astronomical Council AN SSSR)

SUBMITTED: 17Feb63

ENCL: 01

SUB CODE: SV, DC

NO REF SOV: 000

OTHER: 000

Card 2/3

L 27197-65 FSF(h)/FSS-2/EWT(1)/FS(v)-3/EEC(k)-2/EMG(v)/EWA(d)/T/RED(b)-3
 Pn-4/Pe-5/Pae-2/Pi-4 IJP(c) GW S/2816/63/000/036/0031/0033
 ACCESSION NR: AT5003773

AUTHORS: Belenko, R. M.; Krylov, A. G.; Panferov, I. M.; Sentsova, Yu. Ye.;
Shilkina, Z. S.; Yurevich, V. A.

TITLE: [Results of Satellite Observations]

SOURCE: AN SSSR. Astronomicheskii sovet. Byulleten' stantsiy opticheskogo
 nablyudeniya iskusstvennykh sputnikov Zemli, no. 36, 1963, 31-33

TOPIC TAGS: artificial satellite, satellite tracking camera, satellite track
 analysis/ satellite 1961 $\alpha \epsilon_1$, satellite 1961 α_1 , satellite 1962 L_1 , satellite
 1960 ϵ_2 , satellite 1960 ϵ_3 , satellite 1960 ξ_2 , NAFA 3s/25 camera, KIM 3 microscope,
 UIM 21 microscope, Ural 1 computer

ABSTRACT: Observations were made in April, May, and June 1962 on the satellites
 1961 $\alpha \epsilon_1$, 1961 α_1 , 1962 L_1 , 1960 ϵ_2 , 1960 ϵ_3 , and 1962 ξ_2 . The observers were
 A. G. Krylov (indicated by II in the table) and V. A. Yurevich (I in table). Both
 used NAFA-3s/25 cameras. Measurements were made by R. M. Belenko (with a KIM-3
 microscope) and I. M. Panferov (with a UIM-21 microscope). Processing was done by
 the Turner method, by Yu. Ye. Sentsova using a Ural-1 electronic computer. For
 Card 1/3

197-65

ACCESSION NR: AT5003773

control of the computed coordinates, the coordinates of one reference star were determined, along with the coordinates of points on the satellite track. The next to the last column of the table shows deviation of the computed coordinates of the reference star from the coordinates given in the Boss catalogue, if these deviations exceed 6". Observation times were reduced to standard time by Z. S. Shilkina. Results of 85 observations are presented in a table, partially reproduced in the Enclosure. Orig. art. has: 1 table.

ASSOCIATION: Astronomicheskii sovet AN SSSR (Stantsiya No. 1072) (The Astronomical Council of the AN SSSR (Station No. 1072))

SUBMITTED: 16Nov63

ENCL: 01

SUB CODE: SV, DC

NO REF SOV: 000

OTHER: 000

Card 2/3

L 27197-65
 ACCESSION NR: AT5003773

ENCLOSURE: 01

The Astronomical Council of the AN SSSR
 (Station No. 1072)

No.	Date	U.T.	ΔT	α 1950.0	δ 1950.0	(")	Camera
1	2	3		4	5	6	7
<u>1962</u>							
1.	April 26	23 ^h 44 ^m 25 ^s .277 ±0 ^s .03		18 ^h 40 ^m 58 ^s .8	14 ^o 01'37"		II
.....							
6.	June 16	20 44 33.193 ±0.01		22 21 16.1	34 51 00		II

Card 3/3

L 27212-65

EWG-2/EMT(d)/FEB/EGF(h)/FSS-2/EM(1)/FS(v)-3/EGG(k)-2/EGG(a)-2/EGG(v)/
EIA(d)/EGG(b)/T/EGG(c)-2/EGD-2/EGD(b)-3. Pa-4/Pa-4/Pa-5/Pa-4/Pac-4/Pa-4/
Pac-2/Pi-4/Pk-4/Pi-4 IJP(c) - TT/CA/MR s/2816/63/000/032/0043/0047

ACCESSION NR: AT5003549

AUTHORS: Belenko, V. I.; Belenko, R. M.; Krylov, A. G.; Panferov, I. M.; Romanova,
G. V.; Semakova, Yu. Ye.; Shilov, G. S.

SUBJECT: Observations on the satellites 1961 ϵ_1 , 1961 α_1 , 1961 π_1 , 1961 ζ_1 , and δ_1
1961 ζ_1 B + 1

SOURCE: AN SSSR. Astronicheskii soviet. Byulleten' stantsiy opticheskogo
nablyudeniya iskusstvennykh spatsnikov Zemli, no. 32, 1963, 43-47

TOPIC TAGS: artificial satellite, satellite tracking, satellite tracking camera/
1961 ϵ_1 satellite, 1961 α_1 satellite, 1961 π_1 satellite, 1961 ζ_1 satellite, 1960 ζ_1 ,
satellite, NAFA 3s/25 camera, KIM 3 microscope, Ural computer

ABSTRACT: Observations were made on the indicated satellites in August, September,
and October 1961. A NAFA-3s/25 camera was used, and the observer was A. G. Krylov.
Measurements on the KIM-3 microscope were made by R. M. Belenko, G. V. Romanova,
and I. M. Panferov. Computations were made by the Kiselev method by means of two
sets of three reference stars and by the Turner method. Computations on the Ural
computer were made by Yu. Ye. Semakova. Observation times were reduced to standard
time. The last column of the table shows maximum possible error in coordinates
Card 1/3

L 27212-65

ACCESSION NR: AT5003549

because of unreliability of determining optical center within 1 cm. V. I. Belenko and Z. S. Shilkins participated in the work. Results of 118 observations are given in a table, part of which is reproduced on the Enclosure. Orig. art. has: 1 table.

ASSOCIATION: Stantsiya Astronomicheskogo soveta AN SSSR (Station of the Astronomical Council, AN SSSR)

SUBMITTED: 28Dec62

ENCL: 01

SUB CODE: SV, DC

NO REF SOV: 000

OTHER: 000

FOMENKO, Z.F.; ZOLOTAREVA, A.I.; SENTSYUK, V.P.

Alcohol oils as an antifoaming-reagent for clay muds.
Neft. i gaz. prom. no.2:32-33 Ap-Je '64. (MIRA 17:9)

FOMENKO, Z.F.; ZOLOTAROVA, A.I.; SENCHUK, V.P.

Field testing of carbolineum, a new antifoamer. Neft. i gaz.
prom. 3:33-34 JL-S '65. (MIRA 18:11)

L 41305-65 EPA(a)-2/EMT(m)/EPF(c)/EPR/EMP(j)/T Pc-4/Pr-4/Ps-4 MW/RI

ACCESSION NR: AP5008542

S/0286/65/000/006/0050/0059

AUTHOR: Kulakovskiy, V. A.; Polishchuk, S. M.; Volovich, Z. M.; Zektser, A. I.;
Andreyevskaya, G. D.; Zelenskiy, E. S.; Senyanskiy, V. M.; Kosorygin, L. V.;
NIKOLAYEVICH, V. I.

TITLE: A device for producing cylindrical shells made of transparent plastic.
Class 39, No. 169238

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 6, 1965, 59

TOPIC TAGS: transparent plastic, cylindrical shell, industrial equipment

ABSTRACT: This Author's Certificate introduces a device for producing cylindrical shells made of transparent plastic. The unit incorporates a melting pot and a vat with a roller for coating. The device is also equipped with a stretching and a compensating mechanism which are located over the shell forming mechanism. The shell forming mechanism includes units for longitudinal and transverse winding of filaments as well as a polymerizer. The shell forming unit is made in the form of chucks with a horizontal axis. Along the perimeter of these chucks are a number of arbors which interact with the transverse and longitudinal winding mechanisms. The

Card 1/2

L 41305-65

ACCESSION NR: AP5008542

longitudinal winding mechanism (s a belt driven or friction driver reciprocating carriage mounted on a guide parallel to the axis of the arbor.

ASSOCIATION: none

SUBMITTED: 21Jun61

ENCL: 00

SUB CODE: MT, IE

NO REF SOV: 000

OTHER: 000

File
Card: 2/2

SENTYULEVA, A.; SYSOYEV, N.

The work of the UN Economic Commission for Europe must benefit
the people. Vop. ekon. no.10:145-151 G '61. (MIRA 14:10)
(~~United Nations~~---Economic Commission for Europe)

SENTYULEVA, A.; SYSOYEV, N.

Surveys of the economic condition of Europe for 1959 and 1960.
Vop. ekon. no.4:146-151 Ap '62. (MIRA 15:4)
(Europe--Economic conditions)

SENTYULEVA, A.A'

Committee on Inland Transportation of the European Economic
Commission of the UNO. Avt. transp. 36 no.10:50-51 0 '58.
(MIRA 13:1)
(United Nations--Commissions)

SENTYULEVA, A.A., inzh.

Cooperation transportation problems on an all European basis.
Zhel.dor.transp. 41 no.8:95-96 Ag '59. (MIRA 12:12)
(Europe--Railroads--International cooperation)

SENTYULEVA, A.A.

Activities of the United Nations Economic Commission for Europe
in the field of railroad transportation. Zhel.dor.transp. 42
no.3:84-87 Mr '60. (MIRA 13:6)
(United Nations--Commissions) (Railroads)

SENTYULEVA, A.A.

Further development of cooperation in the field of railroad
transportation on an all-European basis. Zhel.dor.transp. 42
no.8:88-90 Ag '60. (MIRA 13:8)
(Railroads--International cooperation)

SYSOYEV, Nikolay Grigor'yevich; Sentyuleva, Appolinariya Andreyevna;
YEPIFANOV, M.P., red.; ROMANOVA, N.I., tekhn. red.

[Possibilities and reality of comprehensive European economic co-
operation] Obshcheevropeiskoe ekonomicheskoe sotrudnichestvo; vozmozh-
nosti i deistvitel'nost'. Moskva, Izd-vo In-ta mezhdunarodnykh otno-
shenii, 1961. 78 p. (MIRA 14:10)
(Europe--International cooperation)

SENTYULEVA, A.A.

Cooperation in the transportation field on an all-European basis.
Zhel.dor.transp. 43 no.4:86-88 Ap '61. (MIRA 14:3)
(Transportation—International cooperation)

SENTYULEVA, A.A.

Some results of fifteen years of international cooperation in the
field of transportation on an all-European basis. Zhel.dor.transp.
44 no.7:86-90 J1 '62. (MIRA 15:8)
(Railroads--International cooperation)

SENTYUREV, V P

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PHASE I BOOK EXPLOITATION

SOV/5256

Gerasimov, Valentin Vladimirovich, ed., Candidate of Chemical Sciences.

Korroziya reaktornykh materialov; sbornik statey (Corrosion of Nuclear-Reactor Materials; a Collection of Articles) Moscow, Atomizdat, 1960. 284 p. 3,700 copies printed.

Ed.: A.I. Zavodchikova; Tech. Ed.: Ye.I. Mazel'.

PURPOSE: This collection of articles is intended for mechanical and metallurgical engineers as well as for scientific research workers concerned with the construction of nuclear reactors.

COVERAGE: The water corrosion of various types of stainless steel and alloys under high pressures and temperatures is investigated from the point of view of the use of these materials for the construction of nuclear reactors. Attention is given to the following: the use of oxygen for protecting steel against corrosion, the behavior of steel in high-temperature

Card 1/9

Corrosion of Nuclear- (Cont.)

SOV/5256

water with various compositions, factors of metal stress corrosion, intergranular corrosion, the mechanism of corrosion cracking, and the corrosion resistance of aluminum and zirconium alloys. Conclusions based on test results are included. No personalities are mentioned. Most of the articles are accompanied by references. Of 238 references 97 are Soviet.

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PART I. METHODS OF INVESTIGATING WATER
AND ELECTROCHEMICAL CORROSION AT
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Gulyayev, V.N., and P. A. Akol'zin. Methods of Testing the Corrosion-Creep Strength of Metals at High Pressures and Temperatures
Card 2/9

Corrosion of Nuclear- (Cont.)

SOV/5256

3

Environment and the State of the Metal

120

Gerasimov, V. V., A. I. Gromova, and E. T. Shapovalov.
Corrosion Cracking of the 1Kh18N9T Steel

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PART IV. INTERGRANULAR CORROSION

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Sarkisov, E. S., V. P. Sentyurev, and V. P. Pogodin. Inter-
granular Water Corrosion of the OKhN9T Steel at High Tem-
peratures

145

Gerasimov, V. V., and K. A. Popova. Intergranular Water
and Steam Corrosion of the 1KhN9T Steel at High Temperatures
and Pressures

148

Card 6/8

SENTYULEVA, P.A., inzh.

Problems of transportation handled by the United Nations.
Zhel. dor. transp. 41 no.1:86-90: Ja '59. (MIRA 12:1)
(United Nations--Commissions) (Transportations)