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CONSOLIDATED
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SURVEY

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CONSOLIDATED TRANSLATION SURVEY

FOR FEBRUARY 1960

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CONSOLIDATED TRANSLATION SURVEY

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X This Survey is prepared monthly by Foreign Documents Division, CIA, from lists received through cooperation of US government agencies and includes translations of such agencies, private industry, universities, research institutions and commercial translation organizations. It is a compilation of foreign documentary projects, completed or started during the month preceding this publication.

Translations are listed by area and subject category. Scientific projects are grouped as a section regardless of geographic area. Title in English, author, foreign language title of source of material, date and data of publication, and publication identification of the completed project are given when available.

Some of the above details may be unavailable on projects listed "in process." New projects in process will be listed only once, their subsequent listing being made when they are reported completed. Projects in process, i.e., not completed as of the date of this Survey, are noted with an asterisk (*).

ABBREVIATIONS

ACSI	Assistant Chief of Staff, Intelligence, Dept of Army
AEC	Atomic Energy Commission
AF	Dept of Air Force
AIBS	American Institute of Biological Sciences
AIP	American Institute of Physics
AMS	Army Map Service
APL	Applied Physics Laboratory
ARDC	Air Research and Development Command
ARS	American Rocket Society
ATIC	Aerospace Technical Intelligence Center
ATS	Associated Technical Services
BISI	British Iron and Steel Institute
BuShips	Bureau of Ships, Dept of Navy
CB	Consultants Bureau
CCT	Consultants Custom Translations
Co-op Tr Sch	Co-operative Translations Scheme
EDC	Estimated date of completion
525th MI Gp	525th Military Intelligence Group, Dept of Army
FBIS	Foreign Broadcast Information Service
HB	Henry Bratcher
ID	Intelligence Document
JPLAI	Jet Propulsion Laboratory, Astronautics Information
JPRS	Joint Publications Research Service
LC	Library of Congress
LLJ	Lending Library Unit
MDF	Morris D. Friedman
MEB	Mark E. Burgunker
MIT	Massachusetts Institute of Technology
NASA	National Aeronautics Space Administration
NIH	National Institutes of Health
NRL	Naval Research Laboratory, Dept of Navy
NSF	National Science Foundation
OIN	Ordnance Intelligence Number
ONI	Office of Naval Intelligence, Dept of Navy
OTIA	Ordnance Technical Intelligence Agency
PP	Pergamon Press
PS	Primary Sources
RIS	Research Information Service
Sci Mus Lib	Science Museum Library
USACRAPAC	US Army Command Reconnaissance Activities Pacific Command
USASIA	US Army Signal Intelligence Agency
USDA	US Department of Agriculture
USIS	US Information Service
*(asterisk)	projects in process

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NRL
ONI

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Office of Naval Intelligence
Washington 25, DC

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ATIC

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Foreign Manpower Research Office
General Federal Office Building 3
Suitland, Maryland

National Bureau of Standards
ATTN: Dr Henry Birnbaum
Room 314, South Building
Washington, DC

Patent Office
Scientific Library
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Washington, DC

JPRS

Joint Publications Research Service
For non-scientific reports:

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Library of Congress
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For scientific-technical reports:

Department of Commerce
Office of Technical Services
Washington 25, DC

NIH

Department of Health, Education, and Welfare
National Institutes of Health
Librarian
Bethesda 14, Maryland

RAND Corp

RAND Corporation
ATTN: Publications Office
1700 Main Street
Santa Monica, California

USDA

Department of Agriculture
Foreign Agricultural Service
Room 5506
14th and Independence Avenue, NW
Washington 25, DC

AIRS

American Institute of Biological Sciences
2000 P Street, NW
Washington 6, DC

AIP

American Institute of Physics
335 East 45th Street
New York 17, New York

ARS

American Rocket Society
500 Fifth Avenue
New York 36, New York

ATS

Associated Technical Services
PO Box 271
East Orange, New Jersey

CB

Consultants Bureau, Inc
227 West 17th Street
New York 11, New York

Columbia Tech

Columbia Technical Translations
5 Vermont Avenue
White Plains, New York

HB

Henry Bratcher Technical Translations
PO Box 157
Altadena, California

Interntl Arts and Sci Press

International Arts and Sciences Press
33 West 42d Street
New York 36, New York

MEB

Mark E. Burgunker
541 West 113th Street
New York 25, New York

PP

Pergamon Press
122 East 55th Street
New York 22, New York

Rev of Russian Geol

Review of Russian Geology
Box 6665, College Station
Duke University
Durham, North Carolina

ACSIL

Admiralty Center for Scientific Information and Liaison
Queen Anne's Mansions
St James Park
London, SW 1, England

Aluminium Lab, Ltd

The Aluminium Laboratories, Ltd
Banbury
Oxfordshire, England

BISI

British Iron and Steel Translations
4 Grosvenor Gardens
London SW 1, England

DSIR LLU

Department of Scientific and Industrial Research
Lending Library Unit
20 Chester Terrace
London NW 1, England

LLU Tr Bul

Her Majesty's Stationery Office
PO Box 569
London SE 1, England

RAE

TIL

Ministry of Supply
TIL.1(b)
Leysdown Road
Mottingham
London SE 9, England

P R O J E C T S R E P O R T E D
F O R F E B R U A R Y 1 9 6 0

USSR

Economic

Soviet Excavators, by M. I. Kostin, S. V. Shimanovich, 31 pp.
RUSSIAN, bk, Ekskavatory; Spravochnik, Moscow, 1959.

JPRS 3004

The Potential of the USSR Gas Industry, by A. N. Kortunov, P. Ya. Antropov, V. A. Kalamkarov, 171 pp.
RUSSIAN, monograph, Gazovyye Resursy SSSR, Moscow, 1959, pp 5-103.

JPRS 1152-D

Sec II. Scientific Base; Organizational Structure of the Industry, by D. M. Chizhikov, (NY-3464).
RUSSIAN, bk, Metallurgiya SSSR, 1917-1957, Vol I, 1958, pp 456-459.

*JPRS

Nonferrous Metallurgy During the Soviet Regime, by S. A. Pervushin, (NY-3464).
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*JPRS

Sec III. The Development of the Production of Separate Metals - Copper, by D. M. Chizhikov, (NY-3464).
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*JPRS

Sec IV. Modern Scientific and Technical Problems of Soviet Nonferrous Metallurgy, by D. M. Chizhikov, (NY-3464).
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*JPRS

The Metallurgy of Heavy Nonferrous Metals, by N. P. Diyeu, (NY-3464).
RUSSIAN, bk, Metallurgiya SSSR, 1917-1957, Vol I, 1958, pp 508-526.

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Research on the Metallurgy of Titanium, by I. F. Bardin, (NY-3464).
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RUSSIAN, bk, Metallurgiya SSSR, 1917-1957).
Vol I, 1958, pp 624-631.

*JPRS

Organization and Technical Measures at the
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M. F. Malyshev, I. S. Trifonov, 7 pp.
RUSSIAN, bk, Opyt Perevode Rabochikh i Sluzha-
shchikh Mashinostroitel 'nykh Predpriyatiy na
Sokrashchenny Rabochiy Den', 1959, Moscow,
pp 24-32.

JPRS L-2028-D

Agriculture of the USSR During 1959-1965, by
P. E. Doroshenko, (DC-3390).
RUSSIAN, bk, Sel'skoye Khozyaystvo SSSR v 1959-
1965 Godakh, 1959, pp 23-155.

*JPRS

Telemechanization in the National Economy,
691 pp.
RUSSIAN, bk, Telemekhanizatsiya v Narodnom
Khozyaystve, Moscow, 1956, 482 pp.

ATIC F-TS-9552/V

USSR State Standards for Cobalt and Nickel,
by S. V. Reshetina, 11 pp.
RUSSIAN, bk, Tsvetnyye Metally i Splavy, Moscow,
1958, pp 44-47.

JPRS L-2031-D

Experience in Organizing Multi-Purpose Brigades
for Implementing a Program by Program by Pro-
duction Efficiency Experts, by A. Ya, Tripol'-
skiy.
RUSSIAN, per, Aviatsionnaya Prom, No 1, 1958,
p 116.

*ATIC MCL-514/III

Experience in Simplifying and Improving the
Control of Production, by V. G. Blokh, I. M.
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RUSSIAN, per, Aviatsionnaya Prom, No 3, 1958,
pp 69-75.

*ATIC MCL-516/III

In the Scientific-Research Institute on Tech-
nology and Organization of Production, by
O. V. Meshkova.
RUSSIAN, per, Aviatsionnaya Prom, No 3, 1958,
pp 111-113.

*ATIC MCL-516/III

USSR
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Scientific-Technical Conference of X-Ray
Specialists of Aviation Industry.

RUSSIAN, per, Aviatsionnaya Prom, No 5,
1958, p 120.

*ATIC MCL-517/III

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tric Power Stations, by A. Ya. Avrukh, 8 pp.
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35-38.

JPRS L-1171-N

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signing, by A. V. Edel'shteyn.

RUSSIAN, per, Geodesy i Kartografiya, No 8,
1958, pp 61-67.

ATIC MCL 163/V

Prospects for the Development of Asbestos-
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4 pp.

RUSSIAN, per, Iz Ak Stroitel i Arkh SSSR,
No 2, Aug 1959, pp 111-113.

JPRS 2160-N

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ing of the Ores of the Tyrnyauz Deposit, by
L. P. Kobakhidze, M. V. Tarakanov, (NY-3407).
RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy,
Tsvetnaya Metallurgiya, No 6, 1958, pp 130-
135.

*JPRS

Long-Range Plans for Developing a Coal Base
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Miroshnichenko, B. I. Shtromberg, (NY-3000/8).
RUSSIAN, per, Koks i Khim, No 12, 1959, pp
3-6.

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by G. Osipov, 6 pp.

RUSSIAN, per, Kommunist, No 9, 1959, pp 73-83.

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Baranov, F. Liberman, 5 pp.
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RUSSIAN, per, Plan Khoz, No 10, 1959, pp 51-58.

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Metallurgy, by K. Zhukov, (NY-3000/8).
RUSSIAN, np, Prom-Ekon Gazeta, 25 Nov 1959,
pp 1-3.

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The United States Plastics Industry Through
the Eyes of Soviet Specialists, by G. Uvarov,
7 pp.

RUSSIAN, np, Prom-Ekon Gazeta, Moscow, No
140, 27 Nov 1959, p 4.

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Planning and Assembling Power Installations,
by Ya. Kh. Averbukh, 9 pp.

RUSSIAN, per, Prom Energetika, No 3, 1959,
pp 40-44.

JPRS 2131-N

Some Problems in Connection With the Planning
of Oil Refineries, by M. A. Veytsman, F. K.
Mironenko, B. L. Shtukater, (NY-3000/8).
RUSSIAN, per, Prom Stroitel, No 11, Nov 1959,
pp 6-9.

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the USSR, by S. Figurnov, 5 pp.
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1959, pp 48-.

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The Time Budget and Measures to Improve the
Living Conditions of the Working People, by
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RUSSIAN, per, Sotsialisticheskiy Trud, No 6,
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RUSSIAN, per, Sotsialisticheskiy Trud, No 7,
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Kazakhstan Agriculture During the 7-Year Period,
by K. I. Andianova, (DC-2700/8).
RUSSIAN, per, Sovet Kazakhstan, No 11, 1959,
pp 99-105.

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Kazakhstan Meat Producing Sovkhozes Must Im-
prove Their Work, by K. D. Diyarov, (DC-2700/8).
RUSSIAN, per, Sovet Proizvod, No 10, 1959,
pp 52-55.

*JPRS

USSR
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Production of Steel in Furnaces With Solid Fuel, by Lu Chung-wu Ch'in Fu-sheng, Yeh Ming-cho, Wu En-lin, A. S. Burenko, 7 pp. RUSSIAN, per, Stal, No 9, 1959, pp 802-804.

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Instrument for Determining Quantity and Composition of Gases in Molten Metal and Slag, 3 pp. RUSSIAN, per, Stal, No 9, 1959, pp 805, 806.

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List of Scientific Research Institutes, Planning and Design Organizations, and Enterprises Which Have Been Designated as Primary Organizations for Standardization and Normalization, (DC-3391). RUSSIAN, per, Standartizatsiya, No 12, 1959, pp 56-62.

*JPRS

Method of Manufacture of Highly Grogged Products and Its Importance for the Refractories Industry, by L. Litinsky. RUSSIAN, per, Steklo i Keramika, Vol VIII, No 5-6, 1932, p 30.

DSIR LLU M.1179

All-Union Conference on the Improvement of Drying Processes in the Ceramic Industry. RUSSIAN, per, Steklo i Keramika, Vol V, No 12, 1948, p 20.

DSIR LLU M.1178

Swift Realization of the Decisions of the Plenum of the Central Committee CPSU in the Ceramics Industry, 8 pp. RUSSIAN, per, Steklo i Keramika, No 10, 1959, pp 1-4.

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JPRS 2160-N

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Forthcoming All-Union Builders Conference
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Novikov, 7 pp.

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14 Oct 1959, p 3.

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Cement Workers Face a New Frontier,
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p 1.

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Methods of Mechanizing and Automating Asbestos-
Cement Production, 5 pp.

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pp 1-3.

JPRS 2160-N

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way Navigation, by A. B. Baybakov.

RUSSIAN, per, Sudestronie, No 12, Dec 1958,
p 14.

Navy 2395/ONI 614

An Economic Expenditure in the Fattening of
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RUSSIAN, per, Svinovodstvo, No 9, 1959, pp 18-
22.

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Extensive Use of Food Scraps in Fattening
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RUSSIAN, per, Svinovodstvo, No 9, 1959, pp
23-26.

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Determination of Relationship Between Irregu-
larity of Lap and Card Sliver, by L. M.
Khatenev.

RUSSIAN, per, Tekstil Prom, No 2, 1958, pp
28-31.

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The Development of the Textile and Knitted
Fabric Industries Over the Years 1959-1965,
by N. E. Chesnokov.

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1-9.

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Striving for the Right to Bear the Title
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Economy, by S. V. Tarasov.

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44-47.

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48, 49.

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The Use of Chemical Fibres in Lace and Curtain-
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The Continuous Dyeing of Heavy Fabrics by
Vacuum Impregnation, by A. D. Malikov.

RUSSIAN, per, Tekstil Prom, No 1, 1959, pp
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A Simplified Means of Obtaining Cross-Sections
of Artificial and Synthetic Fibres, by L. I.
Pekrovskiy, S. S. Frolov.

RUSSIAN, per, Tekstil Prom, No 1, 1959, p 58.

DSIR LLU RTS 1377

Experience of the Calculation and Accomplishment
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61-63.

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The Modernization of Power Looms, by N. V.
Evdokimov.

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63-65.

DSIR LLU RTS 1380

The Flame Proofing of Cotton Fabrics, by B. V.
Ponomarenko.

RUSSIAN, per, Tekstil Prom, No 1, 1959, pp
69-71.

DSIR LLU RTS 1382

Experience of Work With a Trade Union Activist
Group, by A. K. Kulagina, A. S. Rodina.

RUSSIAN, per, Tekstil Prom, No 1, 1959, pp
74-77.

DSIR LLU RTS 1384

The Best Way of Exchanging Progressive Ex-
perience, by N. N. Markov, M. G. Belyayev.

RUSSIAN, per, Tekstil Prom, No 1, 1959, pp
77, 78.

DSIR LLU RTS 1385

USSR
Economic (Contd)

With Our Polish Friends, by E. V. Glebov.
RUSSIAN, per, Tekstil Prom, No 1, 1959, pp
79-81.

DSIR LLU RTS 1386

The Vibrational Fatigue Testing of Fabrics,
by D. Dishka, T. Khaimashi.
RUSSIAN, per, Tekstil Prom, No 1, 1959, pp
82-86.

DSIR LLU RTS 1387

The Shirley Automatic Loom.
RUSSIAN, per, Tekstil Prom, No 1, 1959, pp
86-.

DSIR LLU RTS 1388

A New Book on the Knitted Fabric Industry,
by E. N. Solodar.
RUSSIAN, per, Tekstil Prom, No 1, 1959, pp
87-.

DSIR LLU RTS 1389

Students Master Workers' Jobs, by G. V.
Vasil'yev.
RUSSIAN, per, Tekstil Prom, No 1, 1959, pp
93, 94.

DSIR LLU RTS 1392

On the First International Congress on Auto-
matic Control To Be Held in Moscow.
RUSSIAN, per, Tekstil Prom, No 1, 1959, p 94.

DSIR LLU RTS 1394

Lighter Tire Canvas, by A. V. Romanov, I. N.
Shafranovskaya.
RUSSIAN, per, Tekstil Prom, No 1, 1959, p 95.

DSIR LLU RTS 1395

Some Fundamental Problems of Development of
Thermo-Electric Power Plants, by P. Ya.
Tyurin, 26 pp.
RUSSIAN, per, Teploenergetika, No 5, 1959,
pp 8-16.

JPRS 2226

Resources and Prospects for the Development
of Animal Industry in Kazakhstan.
RUSSIAN, per, Vest Sel'skokhoz Nauk, Vol IV,
No 5, 1959, pp 3-10. 9046379

USDA

International Conference on Breeding and
Artificial Insemination of Cattle, by P.
Klabukov.
RUSSIAN, per, Vest Sel'skokhoz Nauk, Vol IV,
No 5, 1959, pp 133-136. 9046384

USDA

USSR
Economic (Contd)

Industrial Statistics of the USSR for Forty Years, by D. Savinskiy, 19 pp.
RUSSIAN, per, Vest Statistiki, No 10, 1958, pp 31-41.

JPRS L-1203-W

Concerning Some Factors Determining the Rates and Proportions of Socialist Reproduction, by M. Bor, 7 pp.
RUSSIAN, per, Voprosy Ekon, No 7, 1959, pp 44-56.

Interntl Arts and Sci Press
Problems of Economics
Vol II, No 7

An Attempt to Define the Efficiency of Capital Investments in the Iron and Steel Industry, by V. Chernyavskiy, 5 pp.
RUSSIAN, per, Voprosy Ekon, No 7, 1959, pp 93-102.

Interntl Arts and Sci Press
Problems of Economics
Vol II, No 7

The Law of Value and Planning, by S. Strumilin, 6 pp.
RUSSIAN, per, Voprosy Ekon, No 7, 1959, pp 123-133.

Interntl Arts and Sci Press
Problems of Economics
Vol II, No 7

The Methodological Foundations of Analysis of Commodity Relationships in Socialist Society, by M. Sakov, 6 pp.
RUSSIAN, per, Voprosy Ekon, No 8, 1959, pp 93-101.

Interntl Arts and Sci Press
Problems of Economics
Vol II, No 8

Problems of Price Formation in Transport, by A. Khreinin, 5 pp.
RUSSIAN, per, Voprosy Ekon, No 8, 1959, pp 130-136.

Interntl Arts and Sci Press
Problems of Economics
Vol II, No 8

Methods of Revaluing the Social Product in Prices Which Approach Values, 7 pp.
RUSSIAN, per, Voprosy Ekon, No 8, 1959, pp 137-144.

Interntl Arts and Sci Press
Problems of Economics
Vol II, No 7

Special Features of Socialist Reproduction at Its Present Stage, by Ya. Kronrod, 8 pp.
RUSSIAN, per, Voprosy Ekon, No 9, 1959, pp 14-28.

Interntl Arts and Sci Press
Problems of Economics
Vol II, No 8

The Bourgeois Revisionist Myth of the "Democratization of Capital," by G. Khromushin, 4 pp.
RUSSIAN, per, Voprosy Ekon, No 9, 1959, pp 106-113.

Internatl Arts and Sci Press
Problems of Economics
Vol II, No 8

USSR
Economic (Contd)

En Route Toward Solving the Basic Economic Problem of the USSR, by A. V. Bolgov, 36 pp. RUSSIAN, per, Voprosy Istorii KPSS, Vol II, No 2, 1959, pp 28-45.

JPRS L-1186-N

The Railroad System in the USSR, by Helmut Konig.

GERMAN, per, Eisenbahntechnische Rundschau, No 7, 1959, pp 322-328, 330. (Call No TF3, E86, Eng Tr)

AMS

Situation in Siberia and the Far East - Sakhalin and the Kuril Islands Today, Part 2, by V. G. Udobenko, 4 pp. JAPANESE, per, Tairiku Mondai, Jan 1960.

USACRAPAC FPD
No 101160

Political

Communism Is the Complete Realization of Practical Humanism, by M. Petrosyan, 25 pp. RUSSIAN, per, Kommunist, No 7, Moscow, 1959, pp 13-25.

JPRS 2174-N

Communism and Culture, by D. Konenkov, 27 pp. RUSSIAN, per, Kommunist, No 7, Moscow, 1959, pp 38-50.

JPRS 2173-N

How Will Production Relationship Be Improved in Period of Extensive Construction of Communism, by G. Smirnov, (DC-3456). RUSSIAN, per, Partinaya Zhizn', No 22, 1959, pp 55-62.

*JPRS

With the Palm One Cannot Cover Up the Sun: How Bourgeois Ideologists Wage War Against Communism, by I. Aleksandrov, 6 pp. RUSSIAN, np, Sovet Rossiya, 3 Dec 1959, pp 2, 3.

JPRS 1147-D

Summit Skirmishes in the Cold War - Interaction Between the Total Strategy of the Soviet Union and the Weaknesses of Western Security Doctrine and Armament Policy, by E. W. Schnitzer, 21 pp. GERMAN, per, Wehrkunde, "Die Gipfelgefechte des Kalten Krieges," 1959. 9046103

RAND Corp Tr 121

Soviet Data, 4 pp. JAPANESE, per, Tairiku Mondai, Dec 1959.

USACRAPAC FPD
No 100920

USSR
Military

Military Radiomen (USSR), 5 pp.

RUSSIAN, np, Illustirovannaya Gazeta,
No 8 (441), Apr 1958, Moscow, p 5.

USASIA SC-1/60

A Guards Private as Test Pilot, by P. Berashev,
5 pp.

RUSSIAN, np, Komsomol Pravda, Moscow, 23 Aug
1959, p 3.

JPRS 1101-D

Problems Large and Small (Notes of a Radio Unit
Commander), by G. Sergichev, 7 pp.

RUSSIAN, np, Krasnaya Zvezda, 13 May 1959, p 2.

USASIA SC-102/59

Military-Technical Review, by V. Nikolayev,
4 pp.

RUSSIAN, np, Krasnaya Zvezda, 15 May 1959, p 4.

USASIA SC-103/59

Military Meteorologists, by E. Viktorov.

RUSSIAN, np, Krasnaya Zvezda, Vol XXXVI, No 270,
17 Nov 1959.

*USDA

Influence of Repeated Maneuvers of Ships on
the Gyrocompass, by I. Degterev, M. Bogdanovich.
RUSSIAN, per, Morskoy Flot, Sep 1959, p 10.

Navy 2399/ONI 635

Noble Endeavor, 4 pp.

RUSSIAN, np, Sovet Aviatsiya, 10 Oct 1959, p 2.

AF 1256374

On the First Cruise, by Yu. Dmitriyev, 3 pp.

RUSSIAN, np, Sovet Flot, 17 Sep 1959, p 3.

JPRS 1101-D

Bells of a Great Battle, by G. Pravilenko,
G. Iudzik, 6 pp.

RUSSIAN, np, Sovet Flot, 22 Sep 1959, p 4.

JPRS 1101-D

The New Way Is Winning, by Ye. Nayshuler, 5 pp.

RUSSIAN, np, Sovet Flot, 23 Sep 1959, p 2.

JPRS 1101-D

Technical Education Is Decisive, by G. Umerenkov,
4 pp.

RUSSIAN, np, Sovet Flot, 26 Sep 1959, 2.

JPRS 1101-D

The Sore Subject of Radio Sports, by P. Pipiya,
3 pp.

RUSSIAN, np, Sovet Patriot, 13 Sep 1959, p 2.

JPRS 1101-D

Very Frank Discussion, by A. Maksimov, 5 pp.

RUSSIAN, np, Sovet Patriot, 23 Sep 1959, p 2.

JPRS 1101-D

USSR
Military (Contd)

Introduce Order in Awarding Sports Titles
and Grades, by I. Bezrukov, 5 pp.
RUSSIAN, np, Sovet Patriot, 27 Sep 1959, p 2. JPRS 1101-D

Open Road for Amateur Radio Sports, by A.
Pogorel'skiy, 4 pp.
RUSSIAN, np, Sovet Patriot, 30 Sep 1959, p 2. JPRS 1101-D

Battalion Tactical Exercise With Combat Firing,
by I. Mironenko, 22 pp.
RUSSIAN, per, Voyennyy Vest, No 8, 1959, pp
48-61. JPRS 1138-D

Self-Defense Groups in Residential Buildings,
by I. Grachev, 9 pp.
RUSSIAN, per, Voyennyye Znaniya, No 11, 1958,
pp 23-25. JPRS 1101-D

Cover From Aerial Attack for the Population in
Suburban Areas, by A. Il'yashev, 7 pp.
RUSSIAN, per, Voyennyye Znaniya, No 11, 1958,
pp 26, 27. JPRS 1101-D

Proper Training of Self-Defense Groups, by
I. Gorbunov, 5 pp.
RUSSIAN, per, Voyennyye Znaniya, No 12, 1958,
pp 20, 21. JPRS 1101-D

Training in Gas Masks, by A. Popov, 6 pp.
RUSSIAN, per, Voyennyye Znaniya, No 12, 1958,
pp 22, 23. JPRS 1101-D

Noctovision Devices for Land Armies, by A.
Mikhaylov, 9 pp.
RUSSIAN, per, Voyennyye Znaniya, No 1, 1959,
pp 17-19. USASIA SC-39/59

Radar Operators.
RUSSIAN, per, Voyennyye Znaniya, No 10, 1959,
pp 24, 25, 29. Navy 2403/ONI 650

Soviet Military Situation in 1959, by Shishi-
kura Toshiro, 6 pp.
JAPANESE, per, Tairiku Mondai, Jan 1960. USACRAPAC, FPD
No 101160

Soviet Strategic Air Command, by Nils Oberg,
3 pp.
SWEDISH, per, Kontakt Med Krigsmakten, No 6,
1959. Navy/ONI 5086068

USSR
Military (Contd)

A. The Soviet Union; B. Navies Supported
by the Soviet; C. Teleservice, 13 pp.
SWEDISH, per, Tidskrift i Sjoवासendet, Dec
1959.

Navy/ONI 5086070

Geographic

Data on Ravines in the West Siberian Lowland,
by V. I. Orlov.
RUSSIAN, bk, Geograficheskiy Sbornik, 1958,
pp 169-171. (Call No EIF 344796, Eng Tr)

AMS

Peter the Great -- Internal Waters of the
Soviet Union.
RUSSIAN, bk, Sovetskoye Gosudarstvo i Pravo,
1958, pp 47-55.

Navy 2420/ONI 651

Missions of the Trade Unions at Establishments
in Enterprises of the State Cartographic-
Geodesic Service.
RUSSIAN, per, Geodesy i Kartografiya, No 8,
1958, pp 3-7.

ATIC MCL-163/V

Accurate Light-Telemetric Traversing, by I. I.
Entin, V. I. Sinyagina.
RUSSIAN, per, Geodesy i Kartografiya, No 8,
1958, pp 8-19.

ATIC MCL-163/V

Accuracy in Determining the Longitudes of
Outstanding Points, by M. N. Severov.
RUSSIAN, per, Geodesy i Kartografiya, No 8,
1958, pp 19-21.

ATIC MCL-163/V

Examining the Mechanical Method of Triangula-
tion From Photographs, by S. M. Lebedev.
RUSSIAN, per, Geodesy i Kartografiya, No 8,
1958, pp 40-43.

ATIC MCL-163/V

Forestry Cartographic Materials and Their Use
for Topographic Cartography, by D. P. Serezin.
RUSSIAN, per, Geodesy i Kartografiya, No 8,
1958, pp 49-54.

ATIC MCL-163/V

Coordination of Water Level Marks on Rivers
With a Large Number of Dams and Plotting of
Large Water Reservoirs by Topographic Cartog-
raphy, by R. I. Vol'pe.
RUSSIAN, per, Geodesy i Kartografiya, No 8,
1958, pp 55-58.

ATIC MCL-163/V

USSR

Geographic (Contd)

Measurement on Curved Line Maps, by A. K. Malovichko.

RUSSIAN, per, Geodeziya i Kartografiya, No 8, 1958, pp 59-60.

ATIC MCL-163/V

Aerial Photographic Objectives and Their Testing Methods Abroad, by O. A. Gerasimov. RUSSIAN, per, Geodeziya i Kartografiya, No 8, 1958, pp 68-73.

ATIC MCL-163/V

Bibliography.

RUSSIAN, per, Geodeziya i Kartografiya, No 8, 1958, pp 74, 75.

ATIC MCL-163/V

Chronicle.

RUSSIAN, per, Geodeziya i Kartografiya, No 8, 1958, pp 76-79.

ATIC MCL-163/V

Preparations for the Publication of a Short Geographical Encyclopedia, by V. P. Tikhomirov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geograf, 1959, pp 154, 155.

JPRS 2238

New Topographical Maps, USSR, by V. Sorokin, pp.

RUSSIAN, per, Voyennyye Znaniya, No 10, 1959, pp 21, 22.

JPRS L-2026-D

Sociological

The Universities of Culture, 4 pp.

RUSSIAN, per, Agitator, No 9, 1959, pp 3-5.

JPRS 2189-N

Work and Morality, by V. Nosterov, 7 pp.

RUSSIAN, per, Agitator, No 9, May 1959, pp 9-13.

JPRS 2188-N

To Broaden and Deepen Atheistic Propaganda, 6 pp.

RUSSIAN, per, Agitator, No 16, Aug 1959, pp 3-6.

JPRS 1140-D

Our Atheism Is Aggressive, by L. Pinchuk, 10 pp.

RUSSIAN, per, Agitator, No 21, Nov 1959, pp 58-62.

JPRS 1140-D

USSR
Sociological (Contd)

A Liar in the Role of "Defender" of Islam,
by Rauf Seidov, 5 pp.

RUSSIAN, np, Bakinskiy Rabochiy, Baku, 18 Nov
1959, p 3.

JPRS 1140-D

Reorganization of the USSR Academy of Sciences,
15 pp.

RUSSIAN, np, Izvestiya, 9 Aug 1959.

LLU Tr Bul
Dec 1959

Peaceful Coexistence and the Ideological Strug-
gle, 15 pp.

RUSSIAN, per, Kommunist, No 16, Moscow, Nov
1959, pp 3-12.

JPRS 1156-D

Vital Issues in the Worker Movement and in
Social Democracy, 26 pp.

RUSSIAN, per, Kommunist, No 16, Nov 1959, pp
79-96.

JPRS 1156-D

A. S. Makarenko on Cultural and Educational
Work With Youth, by L. Blinkov, 10 pp.

RUSSIAN, per, Kul'turno-Prosvetitel'naya
Rabota, No 3, 1958, pp 43-46.

JPRS 2035-N

In the Club and in the Church, by Yu. Oklyan-
skiy, 5 pp.

RUSSIAN, np, Literaturnaya Gazeta, 21 Nov 1959,
pp 1, 2.

JPRS 1140-D

Political and Moral-Training Work With Pioneers,
by Z. K. Shnekendorf, 11 pp.

RUSSIAN, per, Nachal'naya Shkola, No 5, 1959,
pp 15-21.

JPRS 2115-N

Atheistic Instruction in the Beginners Classes
of the School, by M. V. Shuraleva, 9 pp.

RUSSIAN, per, Nachal'naya Shkola, No 11, 1959,
pp 46-51.

JPRS 1151-D

They Broke With Religion, by M. Zelenin, 4 pp.

RUSSIAN, per, Partinaya Zhizn' Kazakh, No 11,
1959, pp 60-62.

JPRS 1140-D

Science Against Religion in the Pages of Journals,
3 pp.

RUSSIAN, np, Pravda, 3 Nov 1959, p 4.

JPRS 1140-D

USSR
Sociological (Contd)

Thoughtless Scientific Sensationalism, by
L. A. Artsimovich, Peter Kapitsa, Igor Tamm,
4 pp.
RUSSIAN, np, Pravda, 22 Nov 1959.

Interntl Arts and Sci Press
Soviet Highlights
Vol II, No 1

To Abandon Religion Is the Only Correct Path,
by Aleksandr Osipov, 8 pp.
RUSSIAN, np, Pravda, Moscow, 6 Dec 1959, p 4.

JPRS 1151-D

Music of Friendship, by Tikhon Khrennikov,
Dmitri Shostakovich, 4 pp.
RUSSIAN, np, Pravda, 11 Dec 1959.

Interntl Arts and Sci Press
Soviet Highlights
Vol II, No 1

A Parable About How True Believers Are De-
ceived, by Yu. Balandin, 5 pp.
RUSSIAN, np, Sovetskaya Kirgiziya, Frunze,
18 Oct 1959, p 3.

JPRS 1115-D

What Harm Does Islam Do?, 7 pp.
RUSSIAN, np, Sovetskaya Kirgiziya, Frunze,
21 Oct 1959, p 2.

JPRS 1115-D

Radio Serves the People, 6 pp.
RUSSIAN, np, Sovetskiy Patriot, 1 Mar 1959,
p 3.

USASIA SC-107/59

Father Sergey and the Protecting Angels
(Feuilleton), by N. Umnova, 4 pp.
RUSSIAN, np, Sovet Rossiya, 20 Nov 1959, p 3.

JPRS 1140-D

For Militant Atheism, by M. Ass, 4 pp.
RUSSIAN, np, Uchitel'skaya Gazeta, Moscow,
1 Dec 1959, p 3.

JPRS 1151-D

Domestic Problems of the Soviet Union in
1960 - The People's Life, by Irimura Matsuichi,
5 pp.
JAPANESE, per, Tairiku Mondai, Jan 1960.

USACRAPAC, FPD
No 101160

Biographic

Soviet Scientific and Engineering Personnel,
(DC-3393).
RUSSIAN, per, 1959.

*JPRS

Soviet Scientific and Engineering Personnel,
(DC-3328).
RUSSIAN, per, 1959.

*JPRS

USSR

Biographic (Contd)

Soviet Scientific and Engineering Personnel,
(NY-3441).

RUSSIAN, per, 1959.

*JPRS

Soviet Scientific and Engineering Personnel,
(NY-3442).

RUSSIAN, per, 1959.

*JPRS

The 60th Birthday of Aleksandr Nikolayevich
Nesmeyanov, (DC-3393).

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,
1959, pp 2811-2816.

*JPRS

EASTERN EUROPE

Economic

The Import of Machines and the Creation of a Material Technical Base for Socialism in Bulgaria, by Nanyu Mitev, (NY-3596). BULGARIAN, per, Iz na Ikonomicheskiya Inst, No 1/2, Sofia, 1959, pp 91-131.

*JPRS

The Possibilities for Increasing Copper Mining in Bulgaria, by Kr. Georgiev, (NY-3589). BULGARIAN, per, Minno Delo, No 5, Sofia, 1959, pp 37-43.

*JPRS

Yugoslav Ocean Shipping Successfully Solves Its Development Problems, by Vojo Brinic. CROATIAN, per, Pomorstvo, Sep 1959, pp 336-339.

Navy 2398/ONI 630

International Division of Labor in the Socialist World System, by Vladimir Kaigl, (DC-3420). CZECH, bk, Mezinarodni Delba Prace v Socialisticke Svetove Soustave, Prague, 1958, pp 9-63, 117-123.

*JPRS

Factors Determining the Price of Wood Materials, by Jozef Palovic, 14 pp. CZECH, per, Drevo, No 8, Prague, 1959, pp 228-232.

JPRS 2114-N

The Development of the Metallurgical Industry During the Past Ten Years, by Ruzicka Stanislav, 7 pp. CZECH, per, Hutnik, Vol VIII, No 2, Prague, 1958, pp 41-43.

JPRS 2205-N

Technical-Organizational Measures in the Klement Gottwald Metallurgical Plant in Vitkovice, by Miroslav Svirgler, 4 pp. CZECH, per, Hutnik, Vol VIII, No 5, Prague, 1958, p 171.

JPRS 2205-N

Steel Problems in the Poldina Metallurgical Plant, by Antonin Danihelka, 12 pp. CZECH, per, Hutnik, Vol VIII, No 5, Prague, 1958, pp 187-190.

JPRS 2205-N

Eastern Europe
Economic (Contd)

The Influence of Agglomerate With an Increased Basicity on the Productivity of the Blast Furnace, by Josef Dada, 12 pp. CZECH, per, Hutnik, Vol IX, No 6, Prague, 1959, pp 205-208. JPRS 2205-N

The Cost of Preliminary Malleableizing, by Fr. Prochazka, 3 pp. CZECH, per, Hutnik, Vol VIII, No 6, Prague, 1958, pp 209, 210. JPRS 2205-N

Reconstruction of the Salary and Wage Systems, by Kvetoslav Kolar, 4 pp. CZECH, per, Hutnik, Vol VIII, No 9, Prague, 1958, pp 289, 290. JPRS 2205-N

Preliminary Malleableizing of Pig Iron, by Antonin Danhelka, 5 pp. CZECH, per, Hutnik, Vol VIII, No 11, Prague, 1958, pp 384, 385. JPRS 2205-N

The Duplex Method of Producing High-Grade Steel, by Antonin Drazil, Vladimir Cerny, 8 pp. CZECH, per, Hutnik, Vol IX, No 2, Prague, 1959, pp 62, 63. JPRS 2205-N

Modification of the LD Method of Processing Thomas Pig Iron, by Jaroslav Becvar, 13 pp. CZECH, per, Hutnik, Vol IX, No 6, Prague, 1959, pp 185-189. JPRS 2205-N

The First All-State Conference of Designers, Technologists, and Innovators, by Eduard Cerveny, 6 pp. CZECH, per, Hutnik, Vol IX, No 8, Prague, 1959, pp 257, 258. JPRS 2205-N

Saving Steel in the Metallurgical and Machine Building Plants, by Jiri Sroka, 6 pp. CZECH, per, Hutnik, Vol IX, No 8, Prague, 1959, pp 283, 284. JPRS 2205-N

Eastern Europe
Economic (Contd)

Linings for the Electric-Arc Furnaces, by
Frantisek Prochaska, 16 pp.

CZECH, per, Hutnik, Vol IX, No 10, Prague,
1959, pp 332-337.

JPRS 2205-N

The Scrap Metal Economy, by Vilem Friedrich,
9 pp.

CZECH, per, Hutnik, Vol IX, No 11, Prague,
1959, pp 372-375.

JPRS 2205-N

The Basic Fund of the Metallurgical Industry
in Czechoslovakia, by Zdenek Hlavacek, Stefan
Turna, 18 pp.

CZECH, per, Nova Mysl, No 10, Prague, 1959,
pp 1088-1099.

JPRS 2206-N

Problems of Size and Structure of New Apart-
ments, by Vaclav Sova, 21 pp.

CZECH, per, Planovane Hospodarstvi, No 9,
Prague, 1959, pp 653-664.

JPRS 2206-N

Investment Construction in Progress, by E.
Cerveny, K. Johanovsky, M. Strejcek, 11 pp.

CZECH, per, Planovane Hospodarstvi, No 9,
Prague, 1959, pp 696-702.

JPRS 2206-N

The Construction Materials Industry in the
Third Five-Year Plan, by Karel Dvorak,
(NY-3616).

CZECH, per, Planovane Hospodarstvi, No 12,
Prague, 1959, pp 905-914.

*JPRS

Changes in the Method of Drafting the Five-
Year Financial Plan and the Production Costs
Plan, by Jaroslav Libus, (NY-3616).

CZECH, per, Planovane Hospodarstvi, No 12,
Prague, 1959, pp 915-928.

*JPRS

International Specialization in Engineering
in the Socialist Countries, by L. Sobotka,
L. Smid, (NY-3579).

CZECH, per, Planovane Hospodarstvi, No 1,
Prague, 1960, pp 1-10.

*JPRS

Eastern Europe
Economic (Contd)

Expansion of the Electric Power Base in the Third Five-Year Plan, by K. Prochazka, O. Jilek; E. Mikeš, (NY-3579).

CZECH, per, Planovane Hospodarstvi, No 1, Prague, 1960, pp 21-31.

*JPRS

The Family and Household in the New Housing Construction, by Vl. Srb, Vl. Wynnyczuk, (NY-3511).

CZECH, per, Statisticky Obzor, No 11, Prague, 1959, pp 481-491.

*JPRS

Intensity of Commodity Turnover in State and Cooperative Trade, by J. Ruzicka, (NY-3511).
CZECH, per, Statisticky Obzor, No 11, Prague, 1959, pp 492-496.

*JPRS

Development and Survey of Taxes Paid by the Public, by K. Mencl, B. Nikodem. (NY-3511).
CZECH, per, Statisticky Obzor, No 11, Prague, 1959, pp 503-508.

*JPRS

Increased and More Economical Production on State Farms, by Lubomir Strougal, (NY-3593).
CZECH, per, Statni Statky, Vol II, No 11, Prague, 1959, pp 1-8.

*JPRS

Possible Reserves for Third Five-Year Plan, by Frantisek Crkva, (NY-3594).
CZECH, per, Statni Statky, Vol II, No 11, 12, Prague, 12 Nov-19 Dec 1959, pp 244, 245, 268, 269.

*JPRS

Tasks of Construction in the Third Five-Year Plan, by Oldrich Beran, (NY-3634).
CZECH, per, Stavebnik, No 1, Prague, 5 Jan 1960, pp 2-8.

*JPRS

Problems in Setting Up Prices for Agricultural Products, by Jaroslav Dupal, Josef Bartunek, (NY-3631).

CZECH, per, Zemedelska Ekonomika, Vol XXXII, No 9, Prague, 1959, pp 659-675.

*JPRS

Eastern Europe
Economic (Contd)

A Study on the Identification of Systems in
Typewriters - Guide to Identify Typewriter
Systems on the Basis of the "Elite" Type, by
Josef Haas, (DC-3406).

GERMAN, per, Ein Beitrag zur Systembestimmung
von Schreibmaschinen -- Anleitung zur Bestim-
mung des Schreibmaschinensystems an Hand der
"Elite" - Schriftart, 1959, pp 65-67.

*JPRS

The Criminological Aspects of Paper, by R.
Mally, F. Windheber, (DC-3430).

GERMAN, handbk, Taschenbuch fuer Kriminal-
isten, Vol X, Hamburg, 1960, pp 264-310.

*JPRS

Development and Activity of Engineering
School for Agricultural Technology, Nord-
hausen, by W. Simon, (NY-3490).

GERMAN, per, Deutsche Agrartechnik, Vol IX,
No 10, Berlin, pp 462-466.

*JPRS

The Role of the East German Railroads in
Carrying out the Chemical Program, by H.
Trettin, 6 pp.

GERMAN, per, Deutsche Eisenbahntechnik,
Vol VII, No 9, Berlin, 1959, pp 475, 476.

JPRS 2207-N

The New TF Long-Distance Cable System in
East Germany, by Hellmut Graf, (NY-3486).

GERMAN, per, Die Deutsche Post, Leipzig,
1958.

*JPRS

Development of Telephony and Teletype, by
Alfred Adler, (NY-3533).

GERMAN, per, Die Deutsche Post, Vol IV, No 11,
1959, pp 341-350.

*JPRS

The Central Development and Designing Bureau
for Turbines and Generators During the Past
Ten Years, 5 pp.

GERMAN, per, Energietechnik, Vol IX, No 9,
Berlin, 1959, pp 386, 387.

JPRS 2207-N

Eastern Europe
Economic (Contd)

The Development of Steam Turbines and Turbo-generators in East Germany, by G. Kuse, 16 pp.
GERMAN, per, Energietechnik, Vol IX, No 9,
Berlin, 1959, pp 388-394.

JPRS 2207-N

Ten Years of Electric Power Economy of East Germany, by W. Noeldeke, 15 pp.
GERMAN, per, Energietechnik, Vol IX, No 10,
Berlin, 1959, pp 436-440.

JPRS 2207-N

Status and Development of Steam Boiler Production in East Germany, by F. Kollaritsch, H. Treu, 19 pp.
GERMAN, per, Energietechnik, Vol IX, No 10,
Berlin, 1959, pp 441-448.

JPRS 2207-N

Large Constructions for Electric Power Production in East Germany, by H. Stimmel, 13 pp.
GERMAN, per, Energietechnik, Vol IX, No 10,
Berlin, 1959, pp 449-454.

JPRS 2207-N

The Development of Gas Supply in East Germany, by H. Kuerth, 5 pp.
GERMAN, per, Energietechnik, Vol IX, No 10,
Berlin, 1959, pp 454, 455.

JPRS 2207-N

Development and Prospects of Motor Vehicle Production, by Kurt Lang, (NY-3582).
GERMAN, per, Kraftfahrzeugtechnik, Vol IX,
No 10, 1959, pp 397-401.

*JPRS

Some Tasks of the ZEK (Central Development and Designing Office) as the Technical and Scientific Center of Motor Vehicle Production, by Reinhard Grunding, (NY-3582).
GERMAN, per, Kraftfahrzeugtechnik, Vol IX,
No 10, 1959, pp 409-412.

*JPRS

Motor Fuels and Motor Oils in East Germany, by H. H. Eckardt, (NY-3582).
GERMAN, per, Kraftfahrzeugtechnik, Vol IX,
No 10, 1959, pp 415-419.

*JPRS

Eastern Europe
Economic (Contd)

The Tire and Rubber Industry in East Germany
and Its Relation to Motor Vehicle Production,
by A. Springer, (NY-3582).

GERMAN, per, Kraftfahrzeugtechnik, Vol IX,
No 10, 11, 1959, pp 419-421, 457.

*JPRS

The Development of Machine Building Since
the Establishment of the German Democratic
Republic, by H. Wunderlich, (NY-3510).

GERMAN, per, Maschinenbautechnik, Vol VIII,
No 9, Berlin, 1959, pp 447-450.

*JPRS

The Development of the Institute for Machine
Tools, Karl-Marx-Stadt, by K. Glaeser,
(NY-3510).

GERMAN, per, Maschinenbautechnik, Vol VIII,
No 9, Berlin, 1959, pp 463-465.

*JPRS

Technical Advancement in the VEB "8 Mai"
Large Lathe Constructions Works, Karl-Marx-
Stadt, by F. Stein, (NY-3510).

GERMAN, per, Maschinenbautechnik, Vol VIII,
No 9, Berlin, 1959, pp 467-472.

*JPRS

Automation of Large Presses in the VEB "Henry
Pels" Press and Shearing Machine Plant, Erfurt,
by W. Efflich, (NY-3510).

GERMAN, per, Maschinenbautechnik, Vol VIII,
No 9, Berlin, 1959, pp 473-475.

*JPRS

Ten Years of Technical Advancement in Diesel
Engine, Pump, and Compressor Production, by
P. Rieffenberg, (NY-3510).

GERMAN, per, Maschinenbautechnik, Vol VIII,
No 9, Berlin, 1959, pp 475-477.

*JPRS

The 8 NZD 72 Two-Stroke Engine, a New Develop-
ment of the VEB Diesel Engine Plant, Rostock,
by R. Kapp, H. Janzen, (NY-3510).

GERMAN, per, Maschinenbautechnik, Vol VIII,
No 9, Berlin, 1959, pp 478-481.

*JPRS

The VEB Pump Plant in Halle, by W. Schmidt,
(NY-3510).

GERMAN, per, Maschinenbautechnik, Vol VIII,
No 9, Berlin, 1959, pp 481-483.

*JPRS

2

Eastern Europe
Economic (Contd)

Products of the VEB "Karl Liebknecht" Heavy Machine Building Works Are on the World Market Level, (NY-3510).

GERMAN, per, Maschinenbautechnik, Vol VIII, No 9, Berlin, 1959, pp 483-492.

*JPRS

Socialist Prospects and Reconstruction of the VVB for Equipment for Heavy Industry and Gear Construction, Magdeburg, by E. Pasold, (NY-3510).

GERMAN, per, Maschinenbautechnik, Vol VIII, No 9, Berlin, 1959, pp 499-501.

*JPRS

Ten Years of Scientific and Technical Advancement in the "Ernst Thaelmann" Heavy Machine Building VEB, Magdeburg, by F. Wendt, (NY-3510).

GERMAN, per, Maschinenbautechnik, Vol VIII, No 9, Berlin, 1959, pp 502-504.

*JPRS

REMA - A Private Firm in the German Democratic Republic, by Schaeffer, 5 pp.

GERMAN, per, Radio und Fernsehen, No 15, 1959, pp 461, 462.

USASIA SC-85a/59

Mechanization and Automation in Foundries, by H. Rosenberger, 18 pp.

GERMAN, per, Die Technik, Vol XIV, No 9, 1959, pp 586-594.

JPRS 2207-N

Consumer Goods Production in Eastern Germany, by S. Bendrath, K. Mueller, G. Schrott, 14 pp.

GERMAN, per, Vierteljahreshefte zur Statistik der Deutschen Demokratischen Republik, Vol III, No 3/4, 1959, pp 99-102.

JPRS 2207-N

Retail Trade in East Germany, by Heinz Schoenborn, 13 pp.

GERMAN, per, Vierteljahreshefte zur Statistik der Deutschen Demokratischen Republik, Vol III, No 3/4, 1959, pp 116-119.

JPRS 2207-N

Focus on Raising Living Standards, by Gerhard Heske, 12 pp.

GERMAN, per, Vierteljahreshefte zur Statistik der Deutschen Demokratischen Republik, Vol III, No 3/4, 1959, pp 124-127.

JPRS 2207-N

Eastern Europe
Economic (Contd)

Animal Husbandry at People-Owned Farms in
1958, by Jurgen Reiche, 9 pp.

GERMAN, per, Vierteljahreshefte zur Statistik
der Demokratischen Republik, Vol III, No 3/4,
1959, pp 135-137.

JPRS 2207-N

Technical Description of Radar Used in Hungary,
8 pp.

HUNGARIAN, photostat, 4 Dec 1959.

AF 1256346

Several Economic Problems of Contemporary
Capitalism, by Erik Molnar, (DC-3434).

HUNGARIAN, bk, A Jelenkori Kapitalizmus Nehany
Gazdasagi Problemaja, Budapest, 1959, pp 2-24,
258-436.

*JPRS

Data on Hungarian Light Industry, by Mrs Jozsef
Nagy, (NY-3531).

HUNGARIAN, per, Belpolitikai Szemle, Vol II,
No 12, 1959, pp 17-21.

*JPRS

Tasks of the Second Five-Year Plan of the
Hungarian Food Industry, by Dr Gyorgy Tamas,
(NY-3532).

HUNGARIAN, per, Elelmezési Ipar, Vol XIII,
No 12, 1959, pp 368-379.

*JPRS

Current and Long-Range Problems of Thermal
Engineering Research, by Bela Bator, (NY-3450).

HUNGARIAN, per, Energia es Atomtechnika, Vol
XII, No 9, 1959, pp 508-515.

*JPRS

Mr Rostow - And the Others, by M. S. 3 pp.

HUNGARIAN, np, Figuelo, No 50, Budapest,
15 Dec 1959, p 7.

JPRS L-2020-D

Comparison of Production Costs in CEMA Countries,
by Bela Csikos-Nagy, 18 pp.

HUNGARIAN, per, Kozgazdasagi Szemle, Vol VI,
No 10, 1959, pp 1070-1082.

JPRS 2242

The Situation of Farm, Forest, and Industrial
Railroads, by Lajos Kadecsa, (NY-3527).

HUNGARIAN, per, Kozlekedesi Kozlony, No 49,
6 Dec 1959, pp 865, 867, No 50, 13 Dec 1959,
pp 884-886.

*JPRS

Eastern Europe
Economic (Contd)

The Joint Long-Range Scientific Research
Plan of OSRD-Member Railroads, by A. S.
Szeregin, (NY-3613).

HUNGARIAN, per, Kozlekedestudományi Szemle,
Vol IX, No 11, 1959, pp 496-500.

*JPRS

Development Tasks of the Railroads, by Jozsef
Hemeth, (NY-3526).

HUNGARIAN, per, Kozlekedestudományi Szemle,
No 12, 1959, pp 537-547.

*JPRS

Government Resolution No 3,004/2 of 15 Nov-
ember 1959, on State Support for the Economic
Consolidation and Development of the TSZ's,
23 pp.

HUNGARIAN, per, Magyar Kozlony, No 110, 15
Nov 1959, pp 919-930.

JPRS 2242

Decree on the Fifteen-Year Housing Develop-
ment Plan, (NY-3614).

HUNGARIAN, per, Magyar Kozlony, No 3, 10 Jan
1960, pp 17-20.

*JPRS

Morphine Alkaloid Production and Problems of
Its Development in Hungary, by Gyorgy Herczog,
Ivan Oros, 22 pp.

HUNGARIAN, per, Statisztikai Szemle, Vol XXXVII,
No 11, 1959, pp 1082-1099.

JPRS 2242

Development of Fodder Production in 1955-1958,
by Lorand Nagy, 21 pp.

HUNGARIAN, per, Statisztikai Szemle, Vol XXXVII,
No 11, 1959, pp 1100-1114.

JPRS 2242

Major Indices in Private Construction Activity
in 1958, by Gyorgy Lonti, 28 pp.

HUNGARIAN, per, Statisztikai Szemle, No 11,
1959, pp 1128-1140.

JPRS 2242

Concerning the Economic Law of Capitalism, by
Erik Molnar, 14 pp.

HUNGARIAN, per, Tarsadalmi Szemle, Vol XII,
No 2, 1957, pp 29-43.

JPRS 3000

Eastern Europe
Economic (Contd)

Prospects for Production of Phenols in Poland
in the Period 1959-1965, by W. Wiszniowski,
W. Wnek, (NY-3584).

POLISH, per, Chemik, Vol XII, No 9, 1959,
pp 348-351.

*JPRS

Basic Directions in the Development of Road
Construction, by Aleksander Gajkowicz.

POLISH, per, Drogownictwo, Vol XIV, No 10,
1959, pp 229-242. (Call No TE4, D78, Eng Tr)

AMS

Development of Road Establishments and the
Results They Gained in the Course of the
Fifteen Year Period of 1944-1959, by
Aleksander Gajkowicz.

POLISH, per, Drogownictwo, Vol XIV, No 10,
1959, pp 265-269. (Call No TE4, D78, Eng Tr)

AMS

Comparison of Consumption Level in Poland and
West Germany, by Bohdan Szulc, 28 pp.

POLISH, per, Gospodarka Planowa, No 7, 1959,
pp 26-35.

JPRS 2195-N

Profitability of Exporting Agricultural Food
Products in the Long-Range Plan, by Pawel
Glikman, Adam Szynkarczuk, 16 pp.

POLISH, per, Gospodarka Planowa, No 8, 1959,
pp 25-30.

JPRS 2195-N

Experience of the New System of Management in
Key Industries in the First Year, by Bohdan
Gliniski, (NY-3630).

POLISH, per, Gospodarka Planowa, Vol XIV, No 10,
1959, pp 4-11.

*JPRS

Central Plan Directives and Enterprise Independ-
ence, by Tadeusz Gradowski, Aleksander Kiernozyski,
(NY-3630).

POLISH, per, Gospodarka Planowa, Vol XIV, No 10,
1959, pp 12-17.

*JPRS

Maximization of Economic Growth and Payment of
Interest on Investment Outlays, by Mieczyslaw
Rakowski, (NY-3630).

POLISH, per, Gospodarka Planowa, Vol XIV, No 10,
1959, pp 22-28.

*JPRS

Eastern Europe
Economic (Contd)

Study of the Structure of the Demand for
Capital Equipment, by Ryszard Wilczewski,
(NY-3630).

POLISH, per, Gospodarka Planowa, Vol XIV,
No 10, 1959, pp 28-36.

*JPRS

Prices and Consumption in Poland and Other
People's Democracies, by Adam Zwass, (NY-3630).

POLISH, per, Gospodarka Planowa, Vol XIV,
No 10, 1959, pp 36-42.

*JPRS

Data on Turnover, Age and Experience of
Workers in the Coal Mining Industry in the
Period 1956-1958, by J. Wiecek, (NY-3630).

POLISH, per, Gospodarka Planowa, Vol XIV,
No 10, 1959, pp 54-57.

*JPRS

Size of Industrial Enterprises and Work
Productivity, by Adam Broner, Roman Kulczycki,
(NY-3638).

POLISH, per, Gospodarka Planowa, Vol XIV,
No 11, 1959, pp 47-58.

*JPRS

Size of Industrial Plants and Distribution of
the Labor Force, by Tadeusz Mrzyglod, (NY-638).

POLISH, per, Gospodarka Planowa, Vol XIV, No 11,
1959, pp 59-64.

*JPRS

Analysis of Expenditures for Meat and Meat
Products in Relation to the Income of Non-Agri-
cultural Workers, by Roman Kulozycki, (NY-3508).

POLISH, per, Handel Wewnetrzny, No 4, Jul/Aug
1959, pp 15-31.

*JPRS

Export of Agricultural Food Products in 1959-
1965, by Mieczyslaw Stepinski, (NY-3496).

POLISH, per, Handel Zagraniczny, Vol IV, No 9,
1959, pp 386-389.

*JPRS

Polish Exports of Potatoes and Potato Products,
by Eward Chomicki, (NY-3497).

POLISH, per, Handel Zagraniczny, Vol IV, No 10,
1959, pp 435-438.

*JPRS

Eastern Europe
Economic (Contd)

**Review of Construction in Poland for the
Past Fifteen Years**, by Janusz Stepinski,
20 pp.

POLISH, per, Inwestycje i Budownictwo,
No 9, 1959, pp 1-8.

JPRS 2171-N

**Capital Consumption in the Production of the
Food Processing Industry**, by Edward Rybarczyk,
16 pp.

POLISH, per, Inwestycje i Budownictwo, No 9,
1959, pp 17-23.

JPRS 2171-N

Some Actual Problems of Investment Policy,
by Aleksander Szerwentke, (NY-3498).

POLISH, per, Inwestycje i Budownictwo, Vol IX,
No 11, 1959, pp 1-5.

*JPRS

**Generalization of the Formula for Effective-
ness of Investments**, by M. Kalecki, M. Rakowski,
(NY-3498).

POLISH, per, Inwestycje i Budownictwo, Vol IX,
No 11, 1959, pp 6-9.

*JPRS

**Investment Problems as Reported by the Supreme
Chamber of Control**, by Stefan Palac, (NY-3498).

POLISH, per, Inwestycje i Budownictwo, Vol IX,
No 11, 1959, pp 10-16.

*JPRS

**Development Problems of the Construction Ma-
terials Industry**, by Jerzy Bolkowski, (NY-3498).

POLISH, per, Inwestycje i Budownictwo, Vol IX,
No 11, 1959, pp 16-20.

*JPRS

New Standards for Housing Construction, by
Wincenty Grot-Gisges, (NY-3498).

POLISH, per, Inwestycje i Budownictwo, Vol IX,
No 11, 1959, pp 26-31.

*JPRS

The Quality of Agricultural Machines, by Stefan
Kozera, 7 pp.

POLISH, per, Mechanizacja Rolnictwa, Vol VI,
No 10, 1959, pp 11, 12.

JPRS 2195-N

Eastern Europe
Economic (Contd)

Articles on Agricultural Machinery, 7 pp.
POLISH, per, Mechanizacja Rolnictwa, Vol VI,
No 10, 1959, pp 2, 4, 5, 15-18.

JPRS 2195-N

Polish Flat Binders, by Eugeniusz Olearski,
6 pp.
POLISH, per, Mechanizacja Rolnictwa, Vol VI,
No 10, 1959, pp 27, 28.

JPRS 2195-N

Agricultural Machinery Exhibition in Warsaw,
by Mieczyslaw Leganski, (NY-3591).
POLISH, per, Mechanizacja Rolnictwa, Vol VI,
No 11, 1959, pp 19-23.

*JPRS

Resolutions Adopted by the Agricultural Cir-
cles Congress, 18 pp.
POLISH, per, Nowe Rolnictwo, Vol XVIII, 15 Sep
1959, pp 680-686.

JPRS 2195-N

Construction Details of the Warszawa Metal-
lurgical Plant, by Wladyslaw Lenkiewicz,
Jan Zarzycki, (NY-3492).
POLISH, per, Przegląd Budowlany, Vol XXXI,
No 9, 1959, pp 421-428.

*JPRS

Employment and Vocational Training in Con-
struction, by Henryk Ruka, (NY-3491).
POLISH, per, Przegląd Budowlany, Vol XXXI,
No 11, 1959, pp 521-525.

*JPRS

Construction Developments in Poland During
Past Fifteen Years, (NY-3493).
POLISH, per, Przegląd Budowlany, Vol XXXI,
No 12, 1959, pp 545-549.

*JPRS

Fifteen Years of Rolling Stock Construction
in Poland. Exhibit of Polish State Railroads
Rolling Stock and Equipment, by Anatol Lew-
kowicz, Mirosław Gandziarek, 11 pp.
POLISH, per, Przegląd Kolejowy Mechaniczny,
Vol XI, No 10, 1959, pp 290-295.

JPRS 2195-N

Eastern Europe
Economic (Contd)

Development of Building of Machines for
Plastic Processing of Metal in Poland, by
Kazimierz Bosiacki, (NY-3499).
POLISH, per, Przegląd Mechaniczny, Vol XVIII,
No 21, 10 Nov 1959, pp 677-682.

*JPRS

Prospects of Development of the Design of
Turret Lathes, by Marian Tutak, (NY-3636).
POLISH, per, Przegląd Mechaniczny, Vol XVIII,
No 24, 25 Dec 1959, pp 789-792.

*JPRS

Trends in the Development of the Paper Product
and Office Articles Industry, by Zdzisław
Rulski, (NY-3512).
POLISH, per, Przegląd Papierniczy, No 9, 1959,
pp 263-265.

*JPRS

Location of the Fibre Board Industry in Poland,
by Antoni Wierzbicki, (NY-3513).
POLISH, per, Przegląd Papierniczy, No 10, 1959,
pp 311-313.

*JPRS

Factors Hampering Technical Progress in the
Polish Chemical Industry, by Konstanty Laidler,
23 pp.
POLISH, per, Przemysł Chemiczny, Vol XXXVIII,
No 9, 1959, pp 525-531.

JPRS 2171-N

Maritime Services in the Balance of Payments,
by J. Wesolowski, (NY-3618).
POLISH, per, Technika i Gospodarka Morska,
Vol IX, No 12, 1959, pp 373-376.

*JPRS

Review of New Book on Poland and the Baltic,
by Czesław Wojewodka, (NY-3618).
POLISH, per, Technika i Gospodarka Morska,
Vol IX, No 12, 1959, pp 387-390.

*JPRS

Transportation and Storage of Imported and
Domestic Iron Ores, by Tadeusz Rzebik, 16 pp.
POLISH, per, Wiadomości Hutnicze, Vol XV,
No 9, 1959, pp 280-287.

JPRS 2171-N

Eastern Europe
Economic (Contd)

- Scope and Basic Principles of the General
Inventory of Capital Assets, by Andrzej
Junak, Aleksander Paszynski, (NY-3637).
POLISH, per, Wiadomosci Statystyczne, Vol IV,
No 4, Jul/Aug 1959, pp 1-8. *JPRS
- Method of Balancing Monthly Indexes of Indus-
trial Production, by Jan Iszkowski, (NY-3637).
POLISH, per, Wiadomosci Statystyczne, Vol IV,
No 4, Jul/Aug 1959, pp 8-11. *JPRS
- Buildings and Real Estate in the General Census
of 1960, by Franciszek Krol, (NY-3637).
POLISH, per, Wiadomosci Statystyczne, Vol IV,
No 4, Jul/Aug 1959, pp 12-16. *JPRS
- Iron and Steel and Machine-Building Industries,
by A. Iancu, (DC-3454).
RUMANIAN, bk, Dezvoltarea Industriei Socialiste
in R. P. R., Bucharest, 1959, pp 155-166, 168-171,
173-187, 189-195, 198, 201-204, 206-212, 214, 215,
217-222. *JPRS
- Chemical Industry, by Ana Pircoveanu-Apostolide,
(DC-3454).
RUMANIAN, bk, Dezvoltarea Industriei Socialiste
in R. P. R., Bucharest, 1959, pp 238, 240, 241,
243, 244, 246-248, 250-252, 254-272, 275, 282-284,
289-293. *JPRS
- Wood Industry, by A. Fuchs, C. Enanoil, (DC-3454).
RUMANIAN, bk, Dezvoltarea Industriei Socialiste
in R. P. R., Bucharest, 1959, pp 294-317, 321-326,
329, 330, 332-334. *JPRS
- Construction Materials Industry, by I. Grigoriu,
C. Barbulescu, (DC-3454).
RUMANIAN, bk, Dezvoltarea Industriei Socialiste
in R. P. R., Bucharest, 1959, pp 337, 338, 341-365,
367-370, 372-376. *JPRS

Eastern Europe
Economic (Contd)

Light Industry, by I. Moldovan, I. Beloiu,
L. Galler, M. Borsatti, (DC-3454).
RUMANIAN, bk, Dezvoltarea Industriei Socialiste
in R. P. R., Bucharest, 1959, pp 377, 382-409,
411-429.

*JPRS

Food Industry, by Gh. Pascale, I. Beloiu, E.
Tratner, (DC-3454).
RUMANIAN, bk, Dezvoltarea Industriei Socialiste
in R. P. R., Bucharest, 1959, pp 445-447, 451-
457, 462-470, 475, 476.

*JPRS

Local Industry, by N. Stern, (DC-3454).
RUMANIAN, bk, Dezvoltarea Industriei Socialiste
in R. P. R., Bucharest, 1959, pp 476-522.

*JPRS

Development of Industry as a Whole, by I. Savu,
L. Marcovici, (DC-3454).
RUMANIAN, bk, Dezvoltarea Industriei Socialiste
in R. P. R., Bucharest, 1959, pp 559-573, 583,
588-590.

*JPRS

Rumanian Food Industry, by Gh. Ghica, C. Mocanu,
15 pp.
RUMANIAN, bk, Geografia Economica a R. P. R.,
1957, pp 175-185.

JPRS 2206-N

Extract From Decree on System of Contracting for
and Purchase of Animals, (NY-3592).
RUMANIAN, per, Colectia de Hotariri si Dispozitii
ale Consiliului de Ministri al R. P. R., Vol VIII,
No 37, 1959, pp 486-496.

*JPRS

Improvement of Financial-Bank Control, by Emil
Radu, (NY-3588).
RUMANIAN, per, Finante si Credit, Vol V, No 11,
1959, pp 14-20.

*JPRS

Some Provisions of 1960 State Plan, by Roman
Moldovan, Vasile Rausser, (NY-3586).
RUMANIAN, per, Probleme Economice, Vol XII, No 12,
1959, pp 9-12, 14, 16.

*JPRS

Eastern Europe
Economic (Contd)

Efficient Use of Investment Funds, by R. Saveanu, (NY-3586).
RUMANIAN, per, Probleme Economice, Vol. XII, No 12, 1959, pp 25-40.

*JPRS

Development of Construction Materials in Rumania, 11 pp.
RUMANIAN, per, Revista Constructiilor si a Materialelor de Constructii, Vol VII, No 8, 1959, pp 379-387.

JPRS 2206-N

Achievements of Constructions Trust No 1 in Bucharest, 16 pp.
RUMANIAN, per Revista Constructiilor si a Materialelor de Constructii, Vol VIII, No 8, 1959, pp 410-413.

JPRS 2206-N

Development of the "Scaeni" Window Glass Factory, 4 pp.
RUMANIAN, per, Revista Constructiilor si a Materialelor de Constructii, Vol VIII, No 8, 1959, pp 418-422.

JPRS 2206-N

Refrigeration Engineering in Rumania, by B. Veynberg, (NY-3573).
RUSSIAN, per, Khlozil'naya Tekhnika, Vol XXXVII, No 4, 1959, pp 66-69.

*JPRS

Types and Production Technology of Lightweight Construction Materials, and the Location and Utilization of Their Raw Materials, by Viliam Figus, (NY-3534).
SLOVAK, per, Stavba, No 8, 1959, pp 229-233.

*JPRS

Construction of Plants Producing Porous Concrete in Slovakia, by Lubos Hamak, (NY-3534).
SLOVAK, per, Stavba, No 8, 1959, pp 234-238.

*JPRS

Chief Tasks of Communications in Slovakia in the Third Five-Year Plan, (NY-3635).
SLOVAK, per, Vestnik Spojov, No 51, 1959, pp 3-7.

*JPRS

Eastern Europe
Political

"Kultura" - A Polish Emigre Periodical,
 9 pp.

GERMAN, np, Neue Zuercher Zeitung, 24 Oct
 1959, p 5.

JPRS L-1987-D

The Current Political Power Situation in
 Poland - Precarious Balance of Power in
 Poland; The Weakness of Gomulka's party,
 by Viktor Meier, 9 pp.

GERMAN, np, Neue Zuercher Zeitung, No 77,
 157, 10, 17 Jan 1960, p 4.

JPRS L-2030-D

Principles and Systems of Soviet Espionage
 in Germany, by Johann Kurt Klein, 15 pp.

GERMAN, per, Truppenpraxis, No 2, 1958,
 pp 78-84.

JPRS 3000-D

Military

Where the Party Leads, by Wenke, 5 pp.

GERMAN, per, Armee Rundschau, No 1, 1959,
 pp 20, 21.

USASIA SC-61a/59

Geographic

The Climatic Regions in Bulgaria and Their
 Climate, by L. Subev, Sv. Stanev, (NY-3529).
 BULGARIAN, per, Khidrologiya i Meteorologiya,
 No 3, 1959, pp 11-21.

*JPRS

Classification of General Geographic Maps, by
 H. Postulka, W. Krakau, (NY-3595).

GERMAN, per, Vermessungstechnik, Vol VII, No 11,
 1959, pp 313-316.

*JPRS

Poland and the Baltic, by Hans von Krannhals,
 7 pp.

SWEDISH, per, Ny Militar Tidskrift, No 12, 1959.

Navy/ONI 5086071

Eastern Europe
Sociological

Cultural Development in Albania, 1944-1957,
7 pp.

ALBANIAN, per, Aresimi Popullor, No 11,
Tirana, 1959, pp 3-7.

JPRS 1169-D

Training and Education in the People's Re-
public of Albania, 5 pp.

BULGARIAN, per, Narodna Prosveta, No 11, 1959,
pp 100-102.

JPRS 1169-D

Philosophical Idealism - A "Scientific" Figura-
tive Form of Religion, by V. Karachiviev, 4 pp.
BULGARIAN, np, Rabotnichesko Delo, 16 Dec 1959,
p 2.

JPRS L-2027-D

Scientific Life of Hungary.

CHINESE, per, K'o-hsueh Hsin-wen, 21 Apr 1959,
pp 1-3. Doc 100255A

USACRAPAC, PD

Technological and Physical Research Laboratory
of the Hungarian Academy of Sciences.

CHINESE, per, K'o-hsueh Hsin-wen, 21 Apr 1959,
pp 3, 4. Doc 100255A

USACRAPAC, PD

Present Condition and Principal Course of
Development of Hungarian Science.

CHINESE, per, K'o-hsueh Hsin-wen, 21 Apr 1959,
pp 5-13. Doc 100255A

USACRAPAC, PD

Violations of Workers' Rights and Their Causes
in Yugoslavia, by Borislav Jovic, (DC-3424).

CROATIAN, per, Socijalna Politika, Vol IX, (XIV),
No 12, 1959, pp 30-41.

*JPRS

On the Question of Strength in the Swimming
Training, by Karel Jurina.

CZECH, bk, Teorie a Praxe Telesne Vychovy a
Sportu, Vol VI, No 2, 1958, pp 78-86.

*Navy/NRL

Indicators of Woman Fertility According to the
Results of 1950 Population Census, by Zdenek
Jurecek, 19 pp.

CZECH, per, Demografie, Vol I, No 1, 1959,
pp 11-29.

Bu of Census

Eastern Europe
Sociological (Contd)

Register of Advanced Schools and Departments as of 1 September 1959, 6 pp.
CZECH, per, Encl No 32b.

JPRS 1169-D

Czechoslovak Government Decree on Advanced Schools and Faculties, 4 pp.
CZECH, per, Government Decree No 58/1959,
12 Aug 1959, pp 1-4.

JPRS 1169-D

Planned Parenthood in Czechoslovakia, by
V. Srb.
CZECH, per, Statisticky Obzor, No 1, 1958.

Bu of Census

Law on the Socialist Development of the
School System in the German Democratic Re-
public, 7 pp.
GERMAN, np, Deutsch Lehrerzeitung, No 50,
11 Dec 1959, pp 7, 8.

JPRS 1169-D

Elementary Schooling - Problem No 1, by
Waclaw Tulodziecki, (DC-3396).
POLISH, per, Nowa Szkola, No 12, 1959,
pp 1-4.

*JPRS

The Problem of Population Dynamics in Poland,
by Adam Jozefowics, 13 pp.
POLISH, per, Nowe Drogi, No 2, 1959, pp 56-58.

Bu of Census

Results of Research on Groups of Young Of-
fenders in Poland, by Pawel Zakrzewski,
(DC-3395).
POLISH, per, Nowe Prawo, Vol XV, No 12, 1959,
pp 1428-1437.

*JPRS

Absenteeism - Unknown Territory, by Romuald
Juchniewicz, (NY-3422).
POLISH, per, Przegląd Związkowy, No 10, 1959,
pp 13-15, 29.

*JPRS

The Development of the Population of the
Rumanian People's Republic on Its Way to
Socialism, by P. Iscovici, 5 pp.
RUMANIAN, per, Revista de Statistica, No 8,
1959, pp 54-58.

Bu of Census

AC NORTHERN EUROPE

Economic

Heat As a Source of Power in Iceland.

DANISH, per, Teknisk Tidskrift, Vol LXXXIX,
No 29, 1959, p 728. (Call No T4, T27, Eng Tr)

AMS

Political

Report on the Socialist Peoples Party, by Mrs
Aagot Jorgensen, 11 pp.

DANISH, rpt, Encl 1, 2 to Desp No 514,
AmEmbassy, Copenhagen, 21 Jan 1960.

Dept of State
4414611

Program Declaration of the Socialist Peoples
Party, (Program of the Danish Socialist
Peoples Party Adopted at First Congress,
Copenhagen, 7 June 1959), 8 pp.
DANISH, np, SF, Copenhagen, 19 Jun-24 Jul 1959,
p 5 (all issues).

JPRS-1173-D

Military

A. Our Economic Defense; B. The Naval Plan
and the Year's Budgetary Requests; C. The
Navy's Operating Bases, 8 pp.
SWEDISH, per, Vart Forsvas, No 4, 1959.

Navy/ONI 5086067

NEAR EAST/AFRICA

Economic

By-Laws of the (WFTU-Affiliated) Iraqi General Federation of Labor, 11 pp.
ARABIC, np, Al-Ahali, Baghdad, 20, 22 Oct 1959, pp 4, 8, 5.

JPRS-1134-D

Results of Fulfillment of State Plan for Development of National Economy, 7 pp.
BULGARIAN, rpt, 25 Oct 1959.

ID 2129430

Irrigation and Development Projects in Syria, 15 pp.
FRENCH, rpt, Etude Mensuelle sur l'Economie et la Marche Syriens, Nov 1959, Encl to Desp No 85, AmConsul, Aleppo, 14 Dec 1959.

Dept of State
4411057

Airports in French Equatorial Africa, by P. Ollivier.
FRENCH, per, Travaux, No 294, 1959, pp 264-276.
(Call No TA2.F77, Eng Tr)

AMS

Political

Report to the House of Representatives on the Jordanian Delegation's Work at the UN General Assembly Session on the Palestine and Refugee Cases, by Foreign Minister Mousa Naser, 8 pp.
ARABIC, rpt, Encl to Desp No 246, AmEmbassy, Amman, 4 Jan 1960.

Dept of State
4412730

Iraqi Communist Doctrinary Editorial on Party Unity (Unity of the Party is the loftiest Leninist Principle; Marxism-Leninism Will Not Tolerate Any Anti-Party Activity by Any Blocs), 5 pp.
ARABIC, np, Ittihad ash-Sha'b, Baghdad, 4 Dec 1959, p 5.

JPRS-1173-D

Statement of Iranian Foreign Ministry on Iran-Iraq Differences, 3 January 1960, 5 pp.
PERSI, per, Kayhan International, 4 Jan 1960, Encl to Desp No 414, AmEmbassy, Tehran, 7 Jan 1960.

Dept of State
4411314

Near East/Africa
Political (Contd)

The Friends and Enemies of Democracy;
Revealing Discussions in Parliament, 61 pp.
GREEK, pamphlet, Oi Filoi Kai Oi Ekhthroi
Tis Dimokratias; Apokalypikai Syzitiaseis
Eis Tin Voulin, Athens, 1959, pp 1-112.

JPRS-L-2036-D

Organization of the Lebanese Internal
Security Forces, 78 pp.
LEBANESE, rpt, Government of Lebanon's
Legislative Decree, No 138, 12 Jun 1959.

AF 1412153

Necessity of Economic Conference (Africa),
by Felix-Roland Mounie, (DC-3407).
RUSSIAN, per, Sovremenyy Vostok, No 12,
1959, pp 28-39.

*JPRS

Geographic

Gravitation and Gravimetric Work in Turkey.
TURKISH, per, Harita Dergisi, No 58, Ankara,
1959, pp 65-69. (Call No GA101.T93, Eng Tr)

AMS

Sociological

Law No 44 of 1955: Health Quarantine
Regulations, (UAR), 27 pp.
ARABIC, per, Official Journal, 27 Jan 1959.

Navy/ONI 5085806

Report of Litigation - Papacvangelou vs
Livathinos and US, 8 pp.
GREEK, rpt, Encl to Desp No 518, AmEmbassy,
Athens, 18 Dec 1959.

Dept of State

FAR EAST

Economic

Economic Geography of Central China (Hupei, Hunan, Kiangsi), by Sun Ching-chih, 522 pp.
CHINESE, bk, Hua-chung Ti-ch'ia Ching-chi
Ti-11, Peiping, Dec 1958, pp 1-156.

JPRS-2227-N

Concise Handbook on Characteristics of Domestically Produced Automobiles.
CHINESE, handbk, Kuo-ch'an Ch'i-ch'e Chien
Ming-hsing Keng-tzu Liao-shou-ts'e, Sep 1958,
221 pp.

USACRAPAC, FD
Tr 100256

Accounts of Budgets of Financial Revenues and Expenditures at All Levels in 1956 in Communist China, 67 pp.
CHINESE, monograph, 1956-nien Chung-yang
Ts'ai-cheng Fa-kuei Hui-pien, Peiping,
Nov 1957, pp 42-69.

JPRS-1139-D

Selected Articles on Water Conservation Progress in Communist China, 51 pp.
CHINESE, np, per, 15 Jun 1958-5 May 1959.

JPRS-1025-D

Extracts From the Periodical "Urban Construction," (NY-3641).
CHINESE, per, Ch'eng-shih Chien-she, No 9,
10, Peiping, 14 Sep, 14 Oct 1959.

*JPRS

Rapidly Carry Out Construction, by Liu Hsiu-feng, 9 pp.
CHINESE, per, Chien-chu, No 18, Peiping,
28 Sep 1959, pp 1-5.

JPRS-2192-N

Oppose Rightist Thinking and Arouse Our Efforts to Surpass This Year's Construction and Installation Goals, by Liu Yu-min, 3 pp.
CHINESE, per, Chien-chu, No 18, Peiping,
28 Sep 1959, pp 6-8.

JPRS-2192-N

The Glorious Achievements of the Capital's Construction Industry, by Tung Wen-hsing, 11 pp.
CHINESE, per, Chien-chu, No 18, Peiping,
28 Sep 1959, pp 9-12.

JPRS-2192-N

Far East
Economic (Contd)

Rapid Construction Is the Revolution in
Construction Methods, by Jen P'u-chai, 8 pp.
CHINESE, per, Chien-chu, No 18, Peiping,
28 Sep 1959, pp 22-24.

JPRS-2192-N

Upsurge of the Construction Industry in the
Inner Mongolian Autonomous Region, by Sung
Chen-ting, 6 pp.
CHINESE, per, Chien-chu, No 18, Peiping,
28 Sep 1959, pp 25, 26.

JPRS-2192-N

Experiences With Comprehensive Industrial
Plant Techniques for Industrial Plant
Buildings, 14 pp.
CHINESE, per, Chien-chu, No 18, Peiping,
28 Sep 1959, pp 39-43.

JPRS-2192-N

The Tremendous Developments in Construction
Science and Technology, by Wang Ta-chin,
(DC-3463).
CHINESE, per, Chien-chu, No 19, Peiping,
13 Oct 1959, pp 24-28.

*JPRS

Extracts From the Periodical "Construction,"
(DC-3463).
CHINESE, per, Chien-chu, No 19-24, Peiping,
13, 28 Oct, 13, 28 Nov, 13, 28 Dec 1959.

*JPRS

The General Line Shines Brilliantly; The
Nonmetallic Mines Show Splendor, by Yang
Ti-sheng, 6 pp.
CHINESE, per, Chien-chu Ts'ai-liao Kung-yeh,
No 18, Peiping, 22 Sep 1959, pp 18, 19.

JPRS-2210-N

We Have Mastered the Technique of Designing
Large, Modern Cement Plants by Ho Ch'i-wei,
5 pp.
CHINESE, per, Chien-chu Ts'ai-liao Kung-yeh,
No 18, Peiping, 22 Sep 1959, pp 25, 26.

JPRS-2210-N

Hold High the Red Banner of General Line,
Advance Forward From Our Successes, by Yun
Chieh-san, 3 pp.
CHINESE, per, Chien-chu Ts'ai-liao Kung-yeh,
No 18, 22 Sep 1959, p 27.

JPRS-2210-N

Far East
Economic (Contd)

The Ten-Year Leap Forward of Shensi Province's Building Material Industry, by Ma Jun-yun, 5 pp.
CHINESE, per, Chien-chu Ts'ai-liao Kung-yeh,
No 18, Peiping, 22 Sep 1959, pp 28, 29.

JPRS-2210-W

Development of Building Material Industry in the Inner Mongolia Autonomous Region in the Last Ten Years, 4 pp.
CHINESE, per, Chien-chu Ts'ai-liao Kung-yeh,
No 18, Peiping, 22 Sep 1959, pp 30, 31.

JPRS-2210-W

Strive to Fulfill This Year's Capital Construction Plan Ahead of Schedule, by Lai Chi-fa, (NY-3571).
CHINESE, per, Chien-chu Ts'ai-liao Kung-yeh,
No 20, 22 Oct 1959, pp 3-8.

*JPRS

Adhere to the 'Two-Legged Road' Policy in the Continuing Leap Forward and Struggle of the Cement Industry This Year and Next, by Chen Yun-t'ao, (NY-3571).
CHINESE, per, Chien-chu Ts'ai-liao Kung-yeh,
No 21, 7 Nov 1959, pp 9-16.

*JPRS

The Chemical Industry's Second Five-Year Plan Construction Tasks in Communist China, by Chang Chen, 5 pp.
CHINESE, per, Chien-she Yueh-k'an, No 11,
Peiping, 1957, pp 6-9.

JPRS-1113-D

The Rapid Progress of the Chinese People Along the Road of Building Socialism, by Li Fu-ch'un, (NY-3523).
CHINESE, per, Chi-hua yu T'ung-chi, No 12,
Peiping, 23 Sep 1959, pp 8-12.

*JPRS

Take Up the Weapon of Statistics and Strive to Oppose Rightist Opportunism so as to Protect the General Line of the Party, by Chia Ch'i-yun, (NY-3523).
CHINESE, per, Chi-hua yu T'ung-chi, No 12,
Peiping, 23 Sep 1959, pp 13-15.

*JPRS

Far East
Economic (Contd)

A Brilliant Decade, (NY-3523).

CHINESE, per, Chi-hua yu T'ung-chi, No 12,
Peiping, 23 Sep 1959, pp 16-23.

*JPRS

The Great Victory of Socialist Industrialization
in Our Country, by Wang Shu-hua, (NY-3523).

CHINESE, per, Chi-hua yu T'ung-chi, No 12,
Peiping, 23 Sep 1959, pp 24-30.

*JPRS

Light Industry Leaps Forward Under the
Glorious Light of the General Line, by
Li Chu-ch'en, (DC-3441).

CHINESE, per, Chung-kuo Ch'ing-kung-yeh,
No 18, 28 Sep 1959, pp 3-9.

*JPRS

Strengthened Leadership and Over-All Planning
Is the Key to Better Flood Prevention, 8 pp.

CHINESE, per, Huang Ho Chien-she, No 6,
15 Jun 1958, pp 5-11.

JPRS-1025-D

Crop Irrigation in Communist China, 10 pp.

CHINESE, np, Jen-min Jih-pao, Peiping,
25 Mar 1959, p 7.

JPRS-1025-D

Fully Utilize Water Resources to Realize
Water Improvements For Rural Agriculture and
Rural Electrification, by Chang Yu-ch'ing,
9 pp.

CHINESE, np, Kiangsi Jih-pao, 26 Oct 1958,
p 2.

JPRS-1025-D

Electric Power Construction Research and
Techniques in Communist China, 7 pp.

CHINESE, per, K'o-hsueh Hsin-wen, No 32,
14 Oct 1959, pp 3, 4.

JPRS-2248

Progress in Automation Research and Techniques,
by Wu Ju-yang, 3 pp.

CHINESE, per, K'o-hsueh Hsin-wen, No 32,
14 Oct 1959, p 5.

JPRS-2249

Ten Years of Glorious Accomplishments in
Coal Mining Techniques in Communist China,
by Ma Shu-liang, 15 pp.

CHINESE, per, Mei-kuang Chi-shu, No 19/20,
Peiping, 1959, pp 10-18.

JPRS-11123-D

Far East
Economic (Contd)

Rapid Development of Basic Construction
in Coal Mines, by Fan Wen-ta'ai, 6 pp.
CHINESE, per, Mei-kuang Chi-shu, No 19/20,
Peiping, 1959, pp 19, 20.

JPRS-1123-D

Work in Coal Beneficiation (Cleaning) Has
Been Constantly Improving, by Pai Yu-chih,
4 pp.
CHINESE, per, Mei-kuang Chi-shu, No 19/20,
Peiping, 1959, pp 21-24.

JPRS-1123-D

Hydraulic Coal Mining Is Developing Rapidly,
by Ch'en Ping-ch'iang, 10 pp.
CHINESE, per, Mei-kuang Chi-shu, No 19/20,
Peiping, 1959, pp 27-33.

JPRS-1123-D

Ten Years of Glorious Achievements in the
Mechanized Mining of Thin Coal Seams at the
Tzu-po Coal Mines, by P'eng Tsung-han, 3 pp.
CHINESE, per, Mei-kuang Chi-shu, No 19/20,
Peiping, 1959, pp 54, 55.

JPRS-1123-D

Technical Improvements in Small Coal Pits
in Shantung Province, by Sun Liu-jen, 5 pp.
CHINESE, per, Mei-kuang Chi-shu, No 19/20,
Peiping, 1959, pp 62, 63, 48.

JPRS-1123-D

The New Complexion on Material and Cultural
Life for the Coal Mine Worker, by Ch'ao
Fu-hsiang, 4 pp.
CHINESE, per, Mei-t'an Kung-yeh, No 20/21,
Peiping, 1959, pp 23, 24.

JPRS-1123-D

Advanced Experience of Small-Scale Mines in
Sixty Items of Fifteen Categories, (NY-3566).
CHINESE, per, Mei-t'an Kung-yeh, No 28/29,
Peiping, 20 Dec 1959, pp 30-35, 47.

*JPRS

Results of Ten Years of Plant Protection
Science in China, (DC-3461).
CHINESE, per, Nung-yeh K'o-hsueh T'ung-hsun,
No 18, 21 Aug 1959, pp 629-632.

*JPRS

Far East
Economic (Contd)

Technical Progress in Communist China
Agriculture in 1959, (DC-3461).
CHINESE, per, Nung-yeh K'o-hsueh Tung-hsueh,
No 5, 16, 18, 22, 23, Peiping, 1959.

*JPRS

Strive to Produce Conditions Prevailing
South of the Yang-tze River in the Area
North of the Huai Ho, 10 pp.
CHINESE, per, Shui-li Shui-tien Chien-she,
No 3, Peiping, 11 Nov 1958, pp 4-8.

JPRS-1026-D

Suggestions on the Utilization of Water
Capacity of Reservoirs, 5 pp.
CHINESE, per, Shui-li Shui-tien Chien-she,
No 3, Peiping, 11 Nov 1958, pp 33, 34.

JPRS-1026-D

Changes in the Utilization of the Ta-huo-fang
(Liaoning) Reservoir Provide for Larger
Irrigation Area, by Tuan I-shih, 5 pp.
CHINESE, per, Shui-li Shui-tien Chien-she,
No 3, Peiping, 11 Nov 1958, pp 38-40.

JPRS-1026-D

Construction of Piled Boulder Stone Dams
(Popular Selection of Dam Types and Utiliza-
tion of Piled Boulders for Dam Materials),
6 pp.
CHINESE, per, Shui-li Shui-tien Chien-she,
No 4, Peiping, 26 Nov 1958, pp 50-55.

JPRS-1026-D

Revision of the Kang-nan (Hopeh) Reservoir
Design, by Hsu Ssu-fu, K'o Li-tan, 10 pp.
CHINESE, per, Shui-li Shui-tien Chien-she,
No 2, Peiping, 26 Jan 1959, pp 12-16.

JPRS-1026-D

Increase Use of Local Materials for Dams, by
Ch'en Shih-yuan, 7 pp.
CHINESE, per, Shui-li Shui-tien Chien-she,
No 2, Peiping, 26 Jan 1959, pp 23-25.

JPRS-1026-D

Observations on the Selection of Dam Types,
by Chu Pao-fu, 7 pp.
CHINESE, per, Shui-li Shui-tien Chien-she,
No 5, Peiping, 11 Mar 1959, pp 26-31.

JPRS-1025-D

Far East
Economic (Contd)

Conversion of the Concrete Dam at the
Sha-Chien-Tzu Hydroelectric Station to a
Rock Fill Dam, 3 pp.

CHINESE, per, Shui-li Shui-tien Chien-she,
No 5, Peiping, 11 Mar 1959, pp 33, 34.

JPRS-1025-D

How to Grasp the "Six Links" Pertaining to
Construction Design in Water Conservation
Projects, by Chu Ch'eng-chung, Yao Chin-nung,
3 pp.

CHINESE, per, Shui-li Shui-tien Chien-she,
No 6, Peiping, 26 Mar 1959, pp 14, 15.

JPRS-1025-D

Accomplishment of 1958-1959 Winter and
Spring Water Conservation Construction
Goals Discussed, 7 pp.

CHINESE, per, Shui-li Yu Tien-li, No 1,
Peiping, 5 Jan 1959, pp 7-19.

JPRS-1026-D

Summary of Flood Prevention Work on the
Yellow River in 1958, 3 pp.

CHINESE, per, Shui-li Yu Tien-li, No 9,
Peiping, 5 May 1959, pp 12-14.

JPRS-1025-D

Decade of Development in Boat Industry, by
Chang Wen-chih, (NY-3521).

CHINESE, per, Shui-yun, No 7, Peiping,
7 Oct 1959, pp 7-10, 17.

*JPRS

Ten Years of Harbor Waterway Development, by
Liu Hsun-feng, (NY-3521).

CHINESE, per, Shui-yun, No 7 Peiping,
7 Oct 1959, pp 11-14.

*JPRS

Decade of Development in Ocean Transport,
by Li Wei-chung, (NY-3521).

CHINESE, per, Shui-yun, No 7, Peiping,
7 Oct 1959, pp 15-17.

*JPRS

Ten Years of Waterway Passenger Transport,
by Ch'en Jui-ling, (NY-3521).

CHINESE, per, Shui-yun, No 7, Peiping,
7 Oct 1959, pp 25, 26.

*JPRS

Far East
Economic (Contd)

Decade of Achievements in Natural Geography,
by Huang Ping-wei, Kao Yung-yuan, (NY-3522).
CHINESE, per, Ti-li Chih-shih, No 10,
Peiping, 6 Oct 1959, pp 433-436.

*JPRS

Decade of Development in the Study of Economic
Geography, by Wu Ch'uan-chun, (NY-3522).
CHINESE, per, Ti-li Chih-shih, No 10,
Peiping, 6 Oct 1959, pp 437-440.

*JPRS

Drifting Sand Dunes Along the Great Wall in
Northern Shensi, by Cheng Wei, 67 pp.
CHINESE, per, Ti-li Chi-k'an, No 1, Oct 1957,
pp 38-76.

JPRS-1167-D

Outline of Water Improvement Construction
Plans for Shantung Province From 1959-1962,
8 pp.
CHINESE, np, Tsingtao Jih-pao, 19 Nov 1958,
p 2.

JPRS-1025-D

A Decade of Civil Engineering in National Con-
struction, by Mao I-sheng, 43 pp.
CHINESE, per, T'u-mu Kung-ch'eng Hsueh-pao,
No 9, Peiping, 20 Sep 1959, pp 2-14.

JPRS-2210-N

Yunnan 1958 Final Accounts and 1959 Draft
Budget, by Liu Cho-fu, 17 pp.
CHINESE, np, Yunnan Jih-pao, Kunming, 18 Jul
1959, p 3.

JPRS-2250

Nonferrous Industry in China, (DC-3433).
CHINESE, per, Yu-se Chin-shu, No 8-12,
Peiping, 18 Apr; 10, 31 May; 10, 18 Jun 1959.

*JPRS

Tasks and Directives of the Construction of
the Chinese People's Liberation Army, by
Peng Teh Huai.
INDONESIAN, per, Madjalsh Angkatan Darat,
No 7, 1959, p 18.

ID 2127820

Report of the 1959 Japanese Trade Mission to
the United States, by Seitaro Okamatsu, 7 pp.
JAPANESE, rpt, Encl to Desp No 931, AmEmbassy,
Tokyo, 4 Feb 1960.

Dept of State
4417469

Information on Pakistan, 32 pp.
JAPANESE, pamphlet, Mar 1959. 652427-C
Reel No 877

USACRAPAC PD
No 99562

Transportation and River Systems in South-
east Asia, 106 pp.
JAPANESE, pamphlet, Mar 1959. 652427-C
Reel No 877

USACRAPAC PD
No 99562

Data on Burma, Part 2, 52 pp.
JAPANESE, pamphlet, Mar 1959. 652427-C
Reel No 877.

USACRAPAC PD
No 99562

Soviet Electronics Industry and Its Develop-
ment, Part 4. (New Metals and Rare Elements
Materials), 12 pp.
JAPANESE, per, Communications Industry
Bulletin, Vol VII, No 4, 1959.

USACRAPAC (Field) PD
APO 99
Tr No 99561

Commodity Circulation Structure and Price
System in China After Communalization, by
Yonezawa Hideo, (NY-3620).
JAPANESE, per, Chugoku Shiryo Geppo, No 140,
Tokyo, 7 Dec 1959, pp 1-30.

*JPRS

Report on the Distribution of Canned Tuna in
the United States, 11 pp.
JAPANESE, np, Suisan Keizai, 25 Aug-4 Sep
1959, Encl to Desp No 843, AmEmbassy, Tokyo,
18 Jan 1960.

Dept of State

Our Country's Chemical Industry on the 14th
Anniversary of the 15 August Liberation, 10 pp.
KOREAN, per, Hwahakkwa Hwahak Kongop, No 5,
P'yongyang, 1959, pp 1-6.

JPRS 3042

Oil Industry in the Chinese People's
Republic, by Van Ci-Ciun.
RUMANIAN, per, Petrol si Gaze, No 10, 1959,
pp 419-422. (Call No TN 860.P51, Eng Tr)

AMS

Far East
Economic (Contd)

Construction and Technical Reconstruction
of Railways in China, by S. I. Stepanenko,
6 pp.

RUSSIAN, per, Byul Tekh-Ekon Informatsii,
No 5, 1959, pp 78-81.

LLJ Tr Bul
Dec 59

Development of the Electric Power Industry
in China, by B. V. Lenskiy, 5 pp.

RUSSIAN, per, Byul Tekh-Ekon Informatsii,
No 8, 1959, pp 81-83.

LLJ Tr Bul
Dec 59

Notes on Metallurgy in China, by L. D.
Sokolov, 6 pp.

RUSSIAN, per, Iz Vysshikh Uchebnykh Zaved,
Chern Met, No 4, 1959, pp 151-155.

LLJ Tr Bul
Dec 59

On Metallurgy of Light Metals of the People's
Republic of China, by A. I. Belyayev, 11 pp.

RUSSIAN, per, Iz Vysshikh Uchebnykh Zaved,
Tsvetnaya Metallurgiya, No 5, 24 Sep 1959,
pp 182-186.

JPRS-2179-N

Development of the Ferro Alloy Industry in
the People's Republic of China, by I. F.
Krasnykh, 6 pp.

RUSSIAN, per, Stal, No 11, 1959, pp 996-998.

JPRS-1116-D

Study of Productive Forces of Heilungkiang,
by A. Ye. Probst, K. L. Pozharitskiy, 6 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXIX,
No 9, 1959, pp 65-68.

JPRS-2232-N

Rice Growing in China, by F. M. Prutskov.

RUSSIAN, per, Vest Sel'skokhoz Nauk, Vol IV,
No 5, 1959, pp 97-102. 9046383

USDA

Organization of the Veterinary Service in the
People's Republic of China, by Chen Shao Diun,
A. A. Alenkovich.

RUSSIAN, per, Veterinariya, Vol XXXVI, No 10,
1959, pp 70-77. 9046390

USDA

Res:

...mic (Contd)

Research on Machine Translation in the Chinese People's Republic, by Liu Yung-ch'uan, 5 pp.
RUSSIAN, per, Voprosy Yazykoznaniiya, No 5,
Sep-Oct 1959, pp 102-104.

JPRS-1131-D

Mineral Resources of North Vietnam, by
Nguyen Van Chi, 3 pp.
VIETNAMESE, per, Cong Nghiep, No 12, Hanoi,
16 Aug 1959, pp 4, 5.

JPRS-1136-D

Why Have Hon-gay and Cam-pha Coal Mines
Failed to Attain Planned Goals?, by Vu-Thien
Bao, 5 pp.
VIETNAMESE, per, Cong Nghiep, No 16, Hanoi,
Oct 1959, pp 2, 10, 11.

JPRS-1136-D

Realizing the Plan of Overburden Removal at
the Cam-pha Coal Mine, by Ha Tuyen, Do Phuong,
5 pp.
VIETNAMESE, np, Nhan Dan, No 1905, Hanoi,
3 Jun 1959, p 3.

JPRS-1136-D

Will Cam-pha Coal Mine Be Able to Complete
Its 1959 Plan, by Anh Vu, 6 pp.
VIETNAMESE, np, Nhan Dan, No 2032, Hanoi,
9 Oct 1959, p 3.

JPRS-1136-D

Technical Problems Concerning Increased
Peanut Production, by Van Phu, Trong Khoi,
(DC-3402).
VIETNAMESE, per, Nong Lam, No 10, Hanoi,
1959, pp 13-16, 28.

*JPRS

Castor Bean Planting Techniques in Vinh Phuc,
by Nguyen Mau Thi, (DC-3402).
VIETNAMESE, per, Nong Lam, No 10, Hanoi,
1959, pp 17-19.

*JPRS

Let Us Be Determined to Realize Victorious
Winter-Spring Production Season, (DC-3402).
VIETNAMESE, per, Thoi Su Phu Thong, No 18,
Hanoi, Oct 1959, pp 21-25.

*JPRS

Far East
Political

The Time of Class Analysis Has Not Yet Passed, by Shih Liang-jen, (NY-3619).
CHINESE, per, Chieh-fang, No 24, 20 Dec 1959, pp 6-10.

*JPRS

New China Buddhists Boast, by Shih Sheng-ch'uan, (NY-3629).
CHINESE, per, Hsien-tai Fo-hsueh, No 10, Peiping, 30 Oct 1959, pp 21-23.

*JPRS

Re-extending My Invitation, by Ma Yin-ch'u, (NY-3623).
CHINESE, per, Hsin Chien-she, No 1, Peiping, 7 Jan 1960, pp 5-7, 11.

*JPRS

What Is Ma Yin-ch'u "Requesting," by Chang Leng-yeh, Shih Shih-ch'i, K'o Mu-huo, (NY-3623).
CHINESE, per, Hsin Chien-she, No 1, Peiping, 7 Jan 1960, pp 8-12.

*JPRS

The Bankruptcy of Ma Yin-ch'u's Philosophy, by Han Chia-chen, (NY-3623).
CHINESE, per, Hsin Chien-she, No 1, Peiping, 7 Jan 1960, pp 12-28.

*JPRS

Communist China Digest, (1-15 Oct 1959), 136 pp.
CHINESE, per, Hsin-hua Pan-yueh-k'an, No 20, Peiping, 27 Oct 1959, pp 181-183.

JPRS 1157-D

Fully Develop the Function of the Advanced Producer in Mass Movements, by Liu Ning-i, 6 pp.
CHINESE, per, Hung-ch'i, No 22, 16 Nov 1959, pp 1-4.

JPRS 1168-D

Develop the Technical Innovation Movement on an Even Larger Scale, by Hsu Hsin-hsueh, 4 pp.
CHINESE, per, Hung-ch'i, No 22, 16 Nov 1959, pp 5-7.

JPRS 1168-D

In the Face of Newly Born Things, by Shin Tung-hsiang, 6 pp.
CHINESE, per, Hung-ch'i, No 22, 16 Nov 1959, pp 7-10.

JPRS 1168-D

Far East
Political (Contd)

The Continued Leap Forward in Industrial
Production in Anhwei in 1959, by Li Jen-chih,
12 pp.

CHINESE, per, Hung-ch'i, No 22, 16 Nov 1959,
pp 17-23.

JPRS 1168-D

"Paths" Are Carried Out by People, 11 pp.

CHINESE, per, Hung-ch'i, No 22, 16 Nov 1959,
pp 24-29.

JPRS 1168-D

Concerning Some Problems on Equivalent-Value
Exchange and Distribution According to Labor,
by Kuan Meng-chueh, 20 pp.

CHINESE, per, Hung-ch'i, No 22, 16 Nov 1959,
pp 30-41.

JPRS 1168-D

A Look Back and Forward on International Trends,
by Kuo Wen-t'ing, (NY-3617).

CHINESE, per, Kuo-chi Wen-t'i Yen-chiu, No 1,
Peiping, 3 Jan 1960, pp 1-8.

*JPRS

Recognizing the True Face of Capitalist
International Law From a Few Basic Concepts,
by Ying T'ao, (NY-3617).

CHINESE, per, Kuo-chi Wen-t'i Yen-chiu, No 1,
Peiping, 3 Jan 1960, pp 42-51.

*JPRS

Has the Class Struggle Ceased, by Wu T'ieh-wu,
(NY-3619).

CHINESE, per, Li-lun Hsueh-hsi, No 12, 1 Dec
1959, pp 8-12.

*JPRS

The Grand Autonomous Police for the Minority
Nationalities, by Hsieh Hoch'ou, (NY-3664).

CHINESE, per, Min-tsu Tuan-chieh, No 1,
Peiping, 1960, pp 3-6.

*JPRS

Far East
Political (Contd)

Establishment and Development of the Inner Mongolian Autonomous Region, (NY-3664).

CHINESE, per, Min-tsu Yen-chiu, No 12, Peiping, 4 Dec 1959, pp 25-35.

*JPRS

See the Trends Clearly, Multiply Your Efforts, Receive the Even Greater Leap Forward in Agricultural Production of Next Year, (NY-3619).

CHINESE, per, Shang-yu, No 22, Canton, 25 Nov 1959, pp 1-4.

*JPRS

Two Stands, Two Attitudes, by Cheng Ch'un, (NY-3619).

CHINESE, per, Shang-yu, No 22, Canton, 25 Nov 1959, pp 15-18.

*JPRS

Industrial Aid to Agriculture Is the Key to the All-Round and Speedy Development of Industry and Agriculture, by Wei Nan-chin, (NY-3619).

CHINESE, per, Shang-yu, No 23, Canton, 10 Dec 1959, pp 1-4.

*JPRS

A Brief Discussion of Raising the Quality of Education, by Liu K'un-lin, (NY-3619).

CHINESE, per, Shang-yu, No 23, Canton, 10 Dec 1959, pp 15-17, 25.

*JPRS

The Reactionary Nature of Ma Yin-ch'u's Theory of Population, by Ma Ch'un, (NY-3623).

CHINESE, per, Ta-hsueh Hsuen-pao, Jen-wen K'o-hsueh, No 5, Peiping, 1959, pp 1-9.

*JPRS

Correctly Manage Accumulation and Consumption in the People's Communes, (NY-3619).

CHINESE, per, Tung-feng, No 22, Shanghai, 25 Nov 1959, pp 5-8.

*JPRS

Lifting the Cover Off the "Theory of Freedom," by Lin Yin, (NY-3619).

CHINESE per, Tung-feng, No 23, Tientsin, 10 Dec 1959, pp 15-18.

*JPRS

A New Look at the Modern Development of the Chinese People's Republic, by Dapcevic-Orescanin, Sonja, (DC-3458).

CROATIAN, per, Socialism, No 6, Belgrade, 1959, pp 123-146.

*JPRS

Far East
Political (Contd)

The Indonesian Concept of Guided Democracy,
by J. K. Tumakaka, 28 pp.
INDONESIAN, monograph, Demokrasi Terpimpin,
Djakarta, 1959, pp 26-56.

JPRS 1129-D

Speeches of D. N. Aidit Indonesian Communist
Party Leader, by D. N. Aidit, (DC-3477).
INDONESIAN, bk, Pilihan Tulisan, Vol I,
Djakarta, 1959, pp 42-64, 84-90, 92-124,
132-138, 158-168, 183-197, 199-205, 274-277,
356-359, 361-366, 441-460, 500-532.

*JPRS

Problems Confronting the Communes in China,
by Wang Lu, Fukushima Masao, (NY-3624).
JAPANESE, per, Ajia Keizai Jumbo, No 411,
Tokyo, 20 Oct 1959, pp 1-17.

*JPRS

Situation in Siberia and Far East.
JAPANESE, per, Tairiku Mondai, 1 Nov 1959,
pp 38-41.

USACRAPAC, PD

Sino-Soviet Scramble for Leadership in Outer-
Mongolia, by Hamano Masami, 7 pp.
JAPANESE, per, Tairiku Mondai, Dec 1959.

USACRAPAC, FPD
No 100920

Mongolian Trade Unions in Socialist Construc-
tion, (DC-3484).
RUSSIAN, per, Sovremennaya Mongolia, Ulan
Bator, Oct 1959, pp 10-13.

*JPRS

Problem of Converting to a Settled Way of
Life, (DC-3484).
RUSSIAN, per, Sovremennaya Mongolia, Ulan
Bator, Oct 1959, pp 14-23.

*JPRS

The Party and the Working Class, by Tran
Van Giau, (DC-3384).
VIETNAMESE, np, Lao Dong, No 685, Hanoi,
15 Dec 1959, pp 3, 4.

*JPRS

Political Training of Party Members in Rural
Party Organizations, by Nguyen Vinh, 4 pp.
VIETNAMESE, np, Nhan Dan, No 2003, Hanoi,
10 Sep 1959, p 3.

JPRS 1177-D

Far East
Political (Contd)

Vietnam Lao Dong Party, the Organizer and
Leader of Our Victory, by Nguyen Vinh,
(DC-3384).

VIETNAMESE, per, Thoi Su Pho Thong, Hanoi,
6 Jan 1960, pp 1-8.

*JPRS

How To Be a Communist Party Member, by
Nguyen Chuong, (DC-3384).

VIETNAMESE, per, Thoi Su Pho Thong, Hanoi,
6 Jan 1960, pp 10-16.

*JPRS

Military

On the People's Armed Security Forces, by
Tran Van Tra, (DC-3483).

VIETNAMESE, per, Thoi Su Pho Thong, Hanoi,
22 Dec 1959, pp 20-26.

*JPRS

Geographic

Diverting the T'ao River, Unprecedented
Engineering Feat, by K'ai Hsu.

CHINESE, per, Shui-li Shui-tien Chien-she,
No 4, 1958, pp 4-10. (Call No TC 1 S56,
Eng Tr)

AMS

Floods and Flood Control, by Liu Kuang-wen,
18 pp.

CHINESE, per, Ti-li Chih-shih, Peiping,
Aug, Oct 1958, pp 364-366, 473-475.

JPRS 2268

Situation in Siberia and the Far East -
Sakhalin and the Kuril Islands Today,
Part I, by V. G. Undobenko, 6 pp.

JAPANESE, per, Tairiku Mondai, Dec 1959.

USACRAPAC, FPD
No 100920

Natural Regionalization of the Chinese
Peoples Republic, by V. T. Zaychikov, 6 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, No 9, 1959,
pp 56-59.

JPRS 2233-N

Far East
Sociological

Great Accomplishments in Middle and Elementary Education in the Last Ten Years, by Kuo Lin, 6 pp.

CHINESE, per, Fu-tao-yuan, No 10, Peiping, 12 Oct 1959, pp 4, 5, 27.

JPRS 1165-D

Common-Sense Questions and Answers on Buddhism, by Yin Shui, 16 pp.

CHINESE, per, Hsien-tai Fo-hsueh, No 8, Peiping, 1959, pp 7-16.

JPRS 1150-D

Establish a Proletarian Demography, 5 pp.

CHINESE, per, Hsin Chien-she, No 4, 1957, pp 1-3.

AID/SIR 3097

Political Leadership Must Be Given Strong Support Before the Quality of Teaching Can Be Improved, 4 pp.

CHINESE, np, Jen-min Jih-pao, Peiping, 23 Oct 1959.

JPRS 1135-D

A Discussion of the Unitary Character and Complex Nature of Education Work, 5 pp.

CHINESE, np, Jen-min Jih-pao, Peiping, 4 Nov 1959.

JPRS 1135-D

Kirin Catholics Elect a Bishop in a Great Victory Opposing Imperialism, 3 pp.

CHINESE, np, Kirin Jih-pao, 5 Jun 1959, p 3.

JPRS 1150-D

Combined Radio Station Programs of Free China, (DC-3419).

CHINESE, per, Kuang-po Tsa-chih, No 175, T'ai-pei, 5 Jan 1960, pp 14-50.

*JPRS

Great Accomplishments of Political Theory Education Work in Hupeh Province in the Last Ten Years, by Tseng Chun, 17 pp.

CHINESE, per, Li-lun Chan-hsien, No 10, Wu-ch'ang, 10 Oct 1959, pp 5-12.

JPRS 1165-D

Great Accomplishments in Educational Reforms - Amoy University in the Last Ten Years, by P'an Mou-yuan, 17 pp.

CHINESE, per, Lun-t'an, No 5, Amoy, 1959, pp 17-27.

JPRS 1165-D

Far East
Sociological (Contd)

The People's Liberation Army Is the Brother-
in-Arms of All Races, by Han Li, 4 pp.
CHINESE, per, Min-tzu T'uan-chieh, No 8,
Peiping, 1959, pp 3-5.

JPRS 1144-D

Interior Youth Str in Construction of
Border Minority Areas, by Yang Hu-ch'en,
4 pp.
CHINESE, per, Min-tzu T'uan-chieh, No 8,
Peiping, 1959, pp 14, 15.

JPRS 1144-D

The Yu People, by Yung Jen, 4 pp.
CHINESE, per, Min-tzu T'uan-chieh, No 8,
Peiping, 1959, pp 37, 38.

JPRS 1144-D

The Pu-lang People, by Huang Yu-fan, 4 pp.
CHINESE, per, Min-tzu T'uan-chieh, No 9,
Peiping, 1959, pp 36-38.

JPRS 1144-D

Do Away With Feudal Prerogatives of and Ex-
polution by the Tibetan Lamaseseries, by Wang
Sen, Wang Fu-jen, 13 pp.
CHINESE, per, Min-tzu Yeh-chiu, No 8,
Peiping, 1959, pp 1-10.

JPRS 1144-D

How the Tibetan Feudal Lords Brutally Ex-
ploit the Serfs, by Yeh Lu, 15 pp.
CHINESE, per, Min-tzu Yeh-chiu, No 8,
Peiping, 1959, pp 11-20.

JPRS 1144-D

Cultural Life of the Olunchun People, by
Chao Fu-hsing, 16 pp.
CHINESE, per, Min-tzu Yeh-chiu, No 8,
Peiping, 1959, pp 21-32.

JPRS 1144-D

A Brilliant Victory of the CCP General Line
in the Tibetan Autonomous Chou of Aha --
A Leap From Serfdom to People's Communes,
by Ke Sung, 9 pp.
CHINESE, per, Min-tzu Yeh-chiu, No 9,
Peiping, 1959, pp 1-7.

JPRS 1144-D

A United Country of Many Nationalities,
by Tao Ming, 10 pp.
CHINESE, per, Min-tzu Yeh-chiu, No 9,
Peiping, 1959, pp 17-24.

JPRS 1144-D

Far East
Sociological (Contd)

People's Communes in China, by Pravoslav Kautsky,
20 pp.

CZECH, per, Politicka Ekonomie, No 10, Prague,
1959, pp 935-948.

JPRS 3015

Speech by Vice Minister of Veterans' Affairs,
11 pp.

INDONESIAN, rpt, Djakarta, 12 Nov 1959.

ID 2129055

Harbor Law.

JAPANESE, bk, Kosoku Ho, 20 Mar 1953, 91 pp.

USACRAPAC, PD
Tr 100252

Overseas Chinese in Southeast Asia -- A Russian
Study, by N. A. Simoniya, (DC-3385).

RUSSIAN, bk, Naseleniye Kitayskoy Natsional'-
nosti v Stranakh Yugo-Vostochnoy Azii, 5 Aug
1959, pp 1-174.

*JPRS

Strengthening the International Relations of
the Chinese Peoples' Republic, by Chang Hsi-
chou, 4 pp.

RUSSIAN, per, Vest Vysshey Shkoly, No 10,
1959, pp 13-15.

JPRS 1163-D

Biographic

Biographic Information on Indonesian Figures
During the Japanese Occupation and the Revolu-
tion, by Sidik Kertapati, 14 pp.

INDONESIAN, rpt, Sekitar Proklamasi 17 Agustus
1945, Encl to Desp No 533, AmEmbassy, Djakarta,
16 Dec 1959.

Dept of State

North Vietnamese Personalities, 30 pp.
JAPANESE, 30 Sep 1959. 651415

HQ, USACRAPAC, FP
Foreign Collation and
Cartographic Branch
APC 99

With the Chinese Botanists, by P. A. Baranov,
14 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, No 9, 1959,
pp 79-86.

JPRS 2273

WESTERN EUROPE

Economic

1960 New Years Address to Members of the Chamber of Commerce and Industry for Rotterdam, by President of Chamber of Commerce, Dr. K. P. Van Der Mandele, 6 pp.
DUTCH, rpt, Encl to Desp No 213, AmConGen, Rotterdam, 11 Jan 1960.

Dept of State

Material Pertaining to Telecommunications.
DUTCH, 8p, Jaarverslag PTT, 1956, pp 34, 35, 39-43, 46, 47, 56-58.

ACSI, H-4656

Draft Program of the (Netherlands Dissident Communist) Socialist Workers Party, 18 pp.
DUTCH, per, De Brug, Vol II, No 12, Amsterdam, 5 Nov 1959, pp 1-8.

JPRS 1134-D

French Mission Visit to Russian Factories, 5 pp.
FRENCH, np, Informations Industrielles et Commerciales, 18 Sep 1959.

AF 1233506

Attempt to Apply Practically the Theories of W. W. Rostow, by Charles Francois, (DC-3457).
FRENCH, np, La Presse Africaine, Bukavu, 25 Dec 1959, 22 Jan 1960, 11 pp.

*JPRS

West German Law on the Peaceful Utilization of Atomic Energy and the Protection Against Its Dangers, 34 pp.
GERMAN, rpt, Encl 1, 2 to Desp No 1136, AmEmbassy, Bonn, 22 Jan 1960.

Dept of State
4415580

Crime Detection With the Aid of Handwriting Analysis, by W. M., (DC-3388).
GERMAN, per, Der Polizeibeamte, No 20, Lucerne, pp 308-312.

*JPRS

Communists and Business Boom, by Franz Marek, (DC-3801/9).
GERMAN, per, Weg und Ziel, Vol XVIII, No 1, Vienna, 1960, pp 18-24.

*JPRS

What Is Exploitation?, by Franz Strobl, (DC-3801/9).
GERMAN, per, Weg und Ziel, Vol XVIII, No 1, Vienna, 1960, pp 43-50.

*JPRS

Western Europe
Economic (Contd)

Luxemburg and the Common European Market,
by Mario Fazio.
ITALIAN, per, Vie del Mondo, Vol XXI, No 9,
1959, pp 950-958. (Call No G1. V65, Eng Tr)

AMS

Political

The Organization of the Euratom (European
Atomic Energy) Commission, 16 pp.
FRENCH, rpt, Encl to Desp No ECBUS D-154,
US Mission to the European Communities,
Brussels, 30 Dec 1959.

Dept of State
4295697

Article on Peaceful Coexistence and Con-
tinuation of the Ideological Battle by Mem-
ber of Central Committee of French Communist
Party, by Victor Joannes, 17 pp.
FRENCH, per, Cahiers du Communisme, Vol XXXV,
No 12, Paris, 1959, pp 1203-1219.

JPRS 1173-D

Interview With Santiago Carrillo, Secretary-
General of Communist Party of Spain (How to
Get Out of Dictatorship), (DC-3801/9).
FRENCH, np, France Nouvelle, Paris, 25 Feb
1960, pp 19, 20.

*JPRS

Report of Secretary General Urbany at National
Conference of Communist Party of Luxembourg,
Rodingen, 27 December 1959 (Uniting the Work-
ing People for a Peaceful, Democratic, and
Social Policy), by D. Urbany, 17 pp.
GERMAN, np, Zeitung, 30, 31 Dec 1959, Luxem-
bourg, pp 3, 4.

JPRS 1173-D

A Non-Communist Manifesto -- Social Evolution
in Five Stages, by Leo J. Wollemborg, 7 pp.
ITALIAN, np, Il Mondo, Rome, 24 Nov 1959.

JPRS L-2037-D

Activities Report of the Central Committee of
the Italian Communist Party in Preparation
for IXth Congress (Activities Report of the
Central Committee), 51 pp.
ITALIAN, np, L'Unita, Rome, 12 Nov 1959, pp
7-11.

JPRS 1134-D

Western Europe
Political (Contd)

Activities Report of the Central Control Commission of the Italian Communist Party in Preparation for IXth Congress (Activities Report of the Central Control Commission), 19 pp.

ITALIAN, np, L'Unita, Rome, 20 Nov 1959, pp 8, 9.

JPRS 1134-D

Appeal of the Seventeen Communist Parties of the European Capitalist Countries, 10 pp.
ITALIAN, np, L'Unita, Rome, 1 Dec 1959, pp 1, 9.

JPRS 1134-D

Interview With Italian Communist Party Directorate Member on Seventeen-Party Meeting in Rome (Meeting of the Communist Parties of Capitalist Europe), 5 pp.
ITALIAN, np, L'Unita, Rome, 4 Dec 1959, pp 1, 6.

JPRS 1134-D

Statements of International Relaxation of Tensions by Italian Communist and Leftist Leaders, (Discussion on Relaxation by Leftist Leaders), 5 pp.
ITALIAN, np, L'Unita, 6 Dec 1959, Rome, pp 1, 10.

JPRS 1173-D

Speech of Italian Communist Party Secretary-General on International Relaxation of Tensions and Party Tasks (The Struggle for Relaxation and the Theses of the PCI in a Speech by Comrade Longo at Milan), 3 pp.
ITALIAN, np, L'Unita, 14 Dec 1959, Rome, p 8.

JPRS 1173-D

Statement of International Relaxation of Tensions by Secretary-General of Italian Peace Committee (The Beginning of Relaxation and the Struggle for Peace), by Velio Spano, 4 pp.
ITALIAN, np, L'Unita, Rome, 30 Dec 1959, p 9.

JPRS 1173-D

Condensation of Heretofore Unpublished Speech of Togliatti to Conference of Representatives of Communist and Workers' Parties, Moscow, 16-19 November 1957 (The Political Orientation of Our Party), 11 pp.
ITALIAN, per, Rinascita, Vol XVI, No 11, Rome, 1959, pp 757-762.

JPRS 1173-D

Western Europe
Military

Principal Items of Interest About the French
Navy During the Period Ending 8 December 1959,
5 pp.

FRENCH, per, Bulletin d'Information de la
Marine Nationale, No 49, 8 Dec 1959.

Navy/ONI 5086288

Military Disengagement in Central Europe, by
Helmut Schmidt.

GERMAN, speech, Minutes of the Foreign Policy
Debate, German Bundestag, 5 Nov 1959. 9046327

RAND Corp T-102

Swiss P58 Tank. 6 pp.

GERMAN, per, Armee-Motor, No 9, 1959, pp 316-
324.

ACSI, H-5533

Regulations for the Uniforms of Army Personnel,
102 pp.

PORTUGUESE, pamphlet, Regulamento de Uniformes
do Pessoal do Exercito (Rupe) 2ª Parte 1954.

ACSI, H-3856

Geographic

Hydrographic Mission in French Oceania (Abstracts).

FRENCH, per, Annales Hydrographiques, Paris, 1958,
pp 167-214. (Call No E1F 343492)

AMS

The Arrangement of Name Inscriptions of Geographic
Maps, by Wilhelm Bonacker, (DC-3432).

GERMAN, per, Studien zur Kartographie, Vol I,
No 1, Berlin-Grünwald, 1957, pp 1-61.

*JPRS

LATIN AMERICA

Economic

Finance Ministry Order 309 - Regulations
Defining the Establishment, Supervision and
General Area of Operations of Investment
Companies and Credit and Financing Companies,
(Brazil), 13 pp.
PORTUGUESE, rpt, Encl to Desp No 631, AmEmbassy,
Rio de Janeiro, 18 Dec 1959.

Dept of State
4410414

Decree No 47,473, December 22, 1959, Establish-
ing National Plan for Agricultural Tractor
Industry (Brazil), 6 pp.
PORTUGUESE, np, Diario Oficial, 22 Dec 1959,
Encl to Desp No 694, AmEmbassy, Rio de Janeiro,
8 Jan 1960.

Dept of State
4412734

Public Support for the Administration's Economic
Stabilization Program, Television Address of
14 December 1959, by Minister of Economy Alsoga-
ray, 17 pp.
SPANISH, rpt, Encl to Desp No 923, AmEmbassy,
Buenos Aires, 18 Dec 1959.

Dept of State
4295576

Cuban National Transport Corporation Resolution
No 3699, Revision of Freight Classification and
Rates, 13 pp.
SPANISH, rpt, Encl 2 to Desp No 975, AmEmbassy,
Havana, 15 Jan 1960.

Dept of State
4296465

New Law Governing the Sale and Use of Vacant
Lots, (Cuba), 13 pp.
SPANISH, rpt, Encl 2 to Desp No 1004, AmEmbassy,
Havana, 22 Jan 1960.

Dept of State
4415871

Political

Russian Communism in Columbia, by S. J. Juan
Alvarez, 64 pp.
SPANISH, bk, El Comunismo Ruso en Colombia,
Bogota, pp 1-112.

JPRS L-2024-D

Thirteen Years of Violence, by Enrique Cuellar
Vargas, 13 pp.
SPANISH, bk, Trece Anos de Violencia, Bogota,
1960, pp 141-143, 148-156, 166-174.

JPRS L-2029-D

Latin America
Political (Contd)

Resolutions Adopted at Cuban Communist Youth
Plenum of 28-29 November 1959 (Resolutions
and Agreements Adopted at the Fourth Plenum
of JS), (DC-3801/9).
SPANISH, np, Hoy, Havana, 6 Dec 1959, p 10.

*JPRS

Military

Decree No 24.282 of the Ministry of National
Defense: Organization of the Aeronautical
Museum of Uruguay.
SPANISH, rpt, 10 Nov 1959.

AF 1253170

Geographic

Preparation of the Map to Be Used in Connec-
tion With the Studies of the Future Dam on the
Uruguay River, Near Salto Grande, by Alberto
Bergalli.
SPANISH, per, Rev del Inst Nacional de Investigac
Geograficas, No 1, Montevideo, 1959, pp 80-84.
(Call No G1, R63, Eng Tr)

AMS

Sociological

Preparation of Series of Textbooks for Teaching
English in Secondary Schools Abroad, 17 pp.
SPANISH, rpt, Encl 1, 2 to Desp No 91, USIS,
Santiago, 2 Dec 1959.

Dept of State
007611

SCIENTIFIC

Aeronautics

Mechanization of Maintenance Constitutes a Vital Problem, by L. Kheyfets, 4 pp.
RUSSIAN, per, Grazhdanskaya Aviatsiya, No 8, 1958, pp 26, 27.

ATIC F-TS-9846/III

Prospectors of Great Heights, 3 pp.
RUSSIAN, np, Pravda, 8 Jul 1959, pp 1-6.

ATIC MCL-358/II.

Astronomy

The Ultraviolet Radiation of the Crown and the Chromosphere and the Ionization of the Terrestrial Atmosphere, by I. S. Shklovskiy, 55 pp.
RUSSIAN, per, Iz Krymskoy Astrofiz Observ, Vol IV, 1949, pp 80-113.

ATIC MCL-312/III

Decrement of the Balmer Series in the Spectra of Flocculi, by E. R. Mustel', 50 pp.
RUSSIAN, per, Iz Krymskoy Astrofiz Observ, Vol VII, 1951, pp 3-33.

ATIC MCL-314/III

Induction Phenomena in the Solar Atmosphere, by S. B. Pikel'ner, 28 pp.
RUSSIAN, per, Iz Krymskoy Astrofiz Observ, Vol VII, 1951, pp 99-112.

ATIC MCL-314/III

An Artificial Sodium Comet, by V. L. Kurt, 6 pp.
RUSSIAN, per, Priroda, No 5, 1959, pp 74-76.

USASIA 47c/59

Soviet Astronomical Instruments, by S. I. Seleshinkov, 14 pp.
RUSSIAN, per, Priroda, No 9, 1959, pp 39-46.

USASIA SC-51b/59

Concerning the Approximate Calculation of an Ephemeris in the Restricted Problem of Three Bodies, by B. M. Shchigolev, 22 pp.
RUSSIAN, per, Vest Mosk U, Ser Matemat, Astron Fiz, Khim, No 5, 1958, pp 37-48.
9046102.

RAND Corp Tr 119

Scientific
Biology

Ontogenetic Morphogenesis and Environment,
by G. A. Shmidt, (DC-3404).
RUSSIAN, per, Arkhiv Anatomi i Gistol i
Embriol, Vol XXXVII, No 12, Moscow/Leningrad,
1959, pp 3-25.

*JPRS

A Study of Respiratory Gaseous Exchange in
Certain Varieties of Apple of the Lithuanian
SSR, by Yu. I. Banaitis.
RUSSIAN, per, Biokhim Plodov i Oveshchey:
Sbornik, No 4, 1958, pp 59-68.

DSIR LLU RTS 1319

On the Study of Growth Substances - the Gibberel-
lins, by S. N. Litvinenko.
RUSSIAN, per, Botan Zhur, Vol XLIV, No 5, 1959,
pp 645-647.

*USDA

On the Rate of Decomposition of the Phyto-
planktonic Organic Matter in Taganrog Bay,
by T. I. Gorshkova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV,
No 1, 1955, pp 112-117.

DSIR LLU M.924

Oxidative Systems of the Mold Phytophthora
Infestans, by V. A. Aksenova, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 1, 1959, pp 194-197.

Amer Inst of Biol Sci

Study of the Mechanism of Photosensitization
of Oxidation - Reduction Reactions by
Chlorophyll in Solutions by Means of Electro-
conductivity Measurements, by V. B. Evstigneyev,
V. A. Gavrilova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 1, 1959, pp 198-201.

(see above)

Interference With Urea Synthesis in Mice
Suffering From Vitamin B₆ Deficiency In-
duced by Repeated Injections of Isonicotinoyl
Hydrazide, by E. Sidorova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 1, 1959, pp 202-205.

(see above)

Scientific
Biology (Contd)

Relations Between Yeast Cells and β -Amylase,
by V. V. Yurkevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 1, 1959, pp 206-.

Amer Inst of Biol Sci

A Comparative Study of the Composition of
Ribonucleic Acids in Higher Plants, by B. F.
Vanyushin, A. N. Belozerskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 2, 1959, pp 455-.

(see above)

The Question of the Physiological Action of
-Ionone (Effect of α -Ionone on Adrenaline
Hyperglycemia), by S. D. Balakhovskiy, I. V.
Kuznetsova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 3, 1959, pp 696-698.

(see above)

Formation and Transformations of Protochloro-
phyll in the Green Leaves of Plants, by F. F.
Litvin, A. A. Krasnovskiy, G. T. Rikhireva,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 3, 1959, pp 699-701.

(see above)

The Incorporation of S^{35} -Methionone Into
Subcellular Fractions in the Cells of Brain
Cortex and Cerebellum, by A. V. Palladin,
Ya. V. Belik, L. S. Krachko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 3, 1959, pp 702-.

(see above)

The Theory of Formation of Porphyrinogens in
Plants, by T. N. Godnev, R. M. Rotfarb, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1959, pp 907-910.

(see above)

The Photochemical and Spectral Properties of
Bacterioviridin of Green Sulfur Bacteria, by
A. A. Krasnovskiy, E. V. Pakshina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1959, pp 913-.

(see above)

Scientific
Biology (Contd)

Inhibition by Hydroxylamine of the Light Reactions in the Transformations of Xanthophylls, by D. I. Sapozhnikov, E. M. Edel'man, N. V. Bazhanova, O. F. Popova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5, 1959, pp 1128-.

Amer Inst of Biol Sci

Pharmacology of the New Alkaloid Galanthamine, by M. D. Mashkovskiy, R. P. Kruglikova-L'vova, 12 pp.
RUSSIAN, per, Farmakol i Toksikol, Vol XIV, 1951, pp 27-30. 9046707.

NIH 2-11-60

Soil-Geographical and Experimental Studies of the Soil Institute of the Academy of Sciences USSR, Their Scientific and Practical Significance, by I. V. Tyurin, (NY-3540).
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 4, 1959, pp 599-611.

*JPRS

Brain Metabolism in the Evolution of Vertebrates, by Ye. M. Kreps, N. A. Verzhbinskaya, (DC-3444).
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 6, 1959, pp 855-863.

*JPRS

Medium for Detection of Toxic Strains of Cl. Perfungens Type A, B, C, D, F, by B. D. Bychenko, (NY-3646).
RUSSIAN, per, Laboratornoye Delo, No 1, 1960, pp 40-43.

*JPRS

Microbiology in the Chinese People's Republic, by E. N. Mishustin.
RUSSIAN, per, Priroda, Vol XLV, No 5, 1956, pp 71-73. 9046398.

USDA

Problems of Biology in Cosmic Flight, by V. B. Malkin, (NY-3558).
RUSSIAN, per, Priroda, No 10, 1959, pp 35-44.

*JPRS

Reduction of Life Capacity of Irradiated Yeast Cells, by V. I. Korozobin, (NY-3558).
RUSSIAN, per, Priroda, No 10, 1959, pp 82-85.

*JPRS

Scientific
Biology (Contd)

Histological and Histochemical Study of
Smoke-Cured Fish Tissue, by A. I.
Yuditskaya.

RUSSIAN, per, Rybnoye Khoz, No 2, 1959,
pp 65-69.

DSIR LLJ RTS 1309

The Effect of Sterilization Temperatures
on the Denaturation of the Protein in Fish
and Meat Preserves, by L. T. Mudrak.

RUSSIAN, per, Trudy Moskov Tekh Inst Rybnoy
Prom i Khoz imeni A. I. Mikoyana, No 5, 1953,
pp 201-206.

DSIR LLJ RTS 1310

Spore Formation in Blue-Green Algae, by N. V.
Kondrat'eva.

RUSSIAN, per, Ukrains'kiy Botan Zhur, Vol XV,
No 2, 1958, pp 74-83.

DSIR LLJ RTS 1286

A New Species of Stigeoclonium in the Flora
of the Ukrainian RSR, by N. O. Moshkova.

RUSSIAN, per, Ukrains'kiy Botan Zhur, Vol XV,
No 2, 1958, pp 84-86.

DSIR LLJ RTS 1287

Resistance to Phytophthora Shown by Various
Strains of Potatoes With Different Degrees
of Immunity in Sakhalin, by Yu. G. Storozhenko.
RUSSIAN, per, Vest Sel'skokhoz Nauk, Vol IV,
No 4, 1959, pp 132-134. 9046377.

USDA

Interrelation Between Host and Fungal Parasite
in Their Place of Origin and Beyond it (to the
Studies of Initial Material for Selection), by
P. M. Zhukovskiy.

RUSSIAN, per, Vest Sel'skokhoz Nauk, Vol IV,
No 6, 1959, pp 25-34. 9046382.

USDA

On the Methods of Field Experiments, by P. N.
Konstantinov, N. Ya. Plotnikov.

RUSSIAN, per, Vest Sel'skokhoz Nauk, Vol IV,
No 6, 1959, pp 35-42. 9046385.

USDA

For Further Technical Progress.

RUSSIAN, per, Zash Rast, No 5, 1959, pp 1-3.

*USDA

Scientific
Biology (Contd)

Mycology and Practical Problems of
Phytopathology, by M. K. Khokhryakov.
RUSSIAN, per, Zash Rast, No 5, 1959,
pp 25, 26.

*USDA

Urgent Questions in Phytohelminthology,
by A. A. Paramonov.
RUSSIAN, per, Zash Rast, No 6, 1959,
pp 25-28.

*USDA

Preplanting Treatment of Corn Seeds With
Combined Preparations, by N. S. Karavianskiy.
RUSSIAN, per, Zash Rast, No 6, 1959, p 42.

*USDA

Problems of General and Agricultural Virology,
by K. S. Sukhov.
RUSSIAN, per, Zash Rast, No 1, 1960, pp 18-22.

*USDA

Prognosis for 1960, by I. Ya. Polyakov.
RUSSIAN, per, Zash Rast, No 1, 1960, pp 30-33.

*USDA

Efficacy of Mixtures of DDT and Wofatox in
the Fight Against Eurygaster Intergriceps,
by P. F. Mende.
RUSSIAN, per, Zashchita Rasteniy Ot Vreditel'ey
i Bolezn'ey, No 3, 1958, pp 34, 35.

DSIR LLJ RTS 1285

Is the Aseptic Animal a Normal Animal?, by
E. Sacquet, 4 pp.
FRENCH, per, Revue Francaise d'Etudes Cliniques
et Biologiques, Vol IV, No 5, 1959, pp 423-.

NIH 1-16-60

Importance of SH Groups for the Enzymatic
Activity. Studies on Lactic Dehydrogenase
From Hog Heart, by G. Pfeleiderer, D. Jeckel,
Th. Wieland, 9 pp.
GERMAN, per, Arch fuer Biochem und Biophys,
Vol LXXXIII, 1959, pp 276-281.

NIH 1-2-60

Contributions to the Fungi of the Dutch East
Indies, by C. van Overeem, 31 pp.
GERMAN, per, Bull Jard Bot Buitenzorg 3rd
Serv, Vol VII, 1925, pp 423-443.

NIH 1-15-60

Scientific
Chemistry

Principles of Production of Gas Filled
Plastics and Elastomers, by A. A. Berlin,
219 pp.

RUSSIAN, bk, State Publ House of Sci Tech
Chem Lit, Moscow, 1954.

AEC NP Tr 309

Synthetic Lubricating Oils, by A. I. Dintses,
A. V. Druzhinina, 376 pp.

RUSSIAN, bk, Sinteticheskie Smazochnye Masla,
1958.

AEC NP Tr 305

Water-Emulsion Lacquer 321-V, by L. N. Popova.
RUSSIAN, per, Aviatsionnaya Prom, No 2, 1958,
p 65.

*ATIC MCL-515/III

Organic Glasses ST-1 and 2-55, by M. M.
Gudinov, V. D. Kasyuk, K. I. Trusova, Ye. S.
Osikina.

RUSSIAN, per, Aviatsionnaya Prom, No 3,
1958, pp 64-68.

*ATIC MCL-516/III

The Over-Compression of Mercury Fulminate,
by K. K. Andreyev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXXI,
No 5, 1941, pp 456-458.

DSIR LLU M:877

The Question of the Passive Orientating Effect
of a Solid Base on Growing Crystals, by P. A.
Shumskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIII,
1953.

*Navy/APL

The Mechanism of Isotope Exchange of Hydrogen
in Solutions, by A. I. Brodskiy, (DC-3480).

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIII,
No 5, 1953, pp 847-850.

*JPRS

Dielectric Losses of Aluminium Oxide, by
N. P. Bogoroditskiy, N. L. Polyakova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV,
No 2, 1954, pp 257-259. 9045869.

ACSIL 1114

Scientific
Chemistry (Contd)

Chemical Compounds in Fusions of Alkali Borates and Their Volatility, by N. V. Solomin, L. V. Potemkina, 6 pp. RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVI, 1954, pp 215-224.

AEC Tr-3879

The Effect of the Substituting Atoms of Hydrogen in the CH₃Br Molecule With Atoms of Br, on the Velocity of Ionic Isotope Exchange, by M. B. Neyman, Yu. M. Shapovalov, V. B. Miller, (NY-3665). RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVII, No 4, 1954, pp 703-706.

*JPRS

Prevention of Corrosion on the Skin of Aircraft, by L. Karmanova, S. Berenson. RUSSIAN, per, Grazhdanskaya Aviatsiya, No 3, 1958, p 23.

DSIR LLU RTS 1320

The Effect of Oxidation of the Surface of Certain Black Coals on Their Flotability, by T. A. Gogitidze, I. N. Plaksin. RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 11, 1956, pp 77-81.

DSIR LLU M.788.

Some Results of Study of the Chemical Structure of Glycogens, by B. N. Stepanenko, 26 pp. RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 6, 1957, pp 706-717. 9046088.

NIH 1-6a-60

Dissociation of Calcium Carbonate During Sintering [of Iron Ores], by A. A. Sigov. RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 3, 1958, pp 3-12.

HB 4701

Effect of Oxygen Content on Quality of Low-Carbon Rimmed Steel, by A. M. Pochtman. RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, Jun 1959, pp 31-36.

HB 4703

The Question of Determining the Terminal Velocity of Particles, by A. M. Dzyadzio, A. S. Kemmer. RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Pishchevaya Tekh, No 2, 1958, pp 110-114.

DSIR LLU RTS 1315

Scientific
Chemistry (Contd)

Main Properties of Some Soviet Ion Exchangers,
by A. B. Pashkov.
RUSSIAN, per, Khim Prom, No 5, 1958, pp 270-276.

DSIR LLU RTS 1340

Certain Problems of Constructing Petroleum
Refineries in the USSR, by S. K. Lalabekov,
6 pp.
RUSSIAN, per, Khim Tekh Topliv i Masel, No 10,
1959, pp 62-64.

JPRS L-2025-D

Production and Purification of Fluorene,
Acenaphthene, Diphenylene Oxide and Ortho-
diphenol From Coal Tar, by S. M. Grigorev,
et al.
RUSSIAN, per, Koks i Khim, Vol IX, 1939, No 10,
11, pp 54-57.

DSIR LLU M.870

The Visco-Plastic Properties of Building Mortars,
by V. P. Lobanov.
RUSSIAN, per, Kolloid Zhur, Vol XII, No 5, 1950,
pp 352-358.

DSIR LLU M.1069

The Separation of Isotopes by Rectification.
Rectification of Methanol, by Ya. D. Zel'ven-
skiy, V. Ye. Sokolov, V. A. Shalygin, (NY-3560).
RUSSIAN, per, Nauch Dok Vysshey Shkoly, Khim
i Khim Tekh, No 2, 1958, pp 388-391.

*JPRS

Physical Heat Stability of Crystals of Some
Explosive Substances, by K. K. Andreyev.
RUSSIAN, per, Nauch Dok Vysshey Shkoly,
Khim i Khim Tekh, No 2, 1959, pp 244-247.

*AEC

On the Mechanism of the Reduction of Iron Oxides,
by S. T. Rostovtsev, et al.
RUSSIAN, per, Nauch Dok Vysshey Shkoly, Metal,
No 2, Apr/Jun 1959, pp 5-8.

HB 4692

The Production of Synthetic Fatty Acids From
Parafin.
RUSSIAN, per, Neftyanik, No 8, 1959, pp 28, 29.

*AID

Scientific
Chemistry (Contd)

A Line-Shape Distortion Found With
NaI(Te) Crystals, by Y. A. Nemilov,
et al.

RUSSIAN, per, Prib Tekh Eksper, No 4,
1959, pp 72, 73.

*ABC

Chemical Protection Against Ionizing Radia-
tion, by A. M. Bak, 10 pp.

RUSSIAN, per, Priroda, No 7, 1959,
pp 33-38.

USASIA SC-49/59

Waste Waters Can Be Purified.

RUSSIAN, np, Prom-Ekon Gazeta, No 126,
25 Oct 1959, p 4.

*AID

Radiation Chemistry.

RUSSIAN, np, Prom-Ekon Gazeta, 30 Dec 1959,
p 4.

*AID

Investigation of the Sulphonation Reaction,
by A. A. Spryskov.

RUSSIAN, per, Sbornik Statey po Obshch Khim,
Vol II, 1953, pp 878-881.

DSIR LLU M.570

The Pressure Required for Plastic Flow in
Clay Mixes, by A. A. Novopashin.

RUSSIAN, per, Steklo i Keramika, Vol IX,
No 11, 1952, p 14-.

DSIR LLU M.1200

The Transparency of Dress Fabrics to Ultra-
violet and Violet-Blue Rays, by P. T.
Novoderezhkin.

RUSSIAN, per, Tekstil Prom, Vol XVIII, No 9,
1958, pp 51-53.

DSIR LLU M.826

Desulphurizing of Viscose Fibers With Solu-
tions of Surface Active Agents, by E. M.
Mogilovsky, et al.

RUSSIAN, per, Tekstil Prom, No 11, 1958,
pp 9-12.

DSIR LLU M.932

Scientific
Chemistry (Contd)

The Hydrolysis and Leaching From Cotton
Fiber of Sodium Salts of Azotates, by
P. V. Moryganov, B. N. Mel'nikov.
RUSSIAN, per, Tekstil Prom, No 1, 1959,
pp 55-58.

DSIR LKU RTS 1376

Modern Presentation of the Oxidation
Mechanisms of Hydrocarbons in Liquid Phase,
by D. G. Knoppe, Z. K. Mayzus, 38 pp.
RUSSIAN, per, Uspekhi Khim, Vol XXVI, No 4,
1957, pp 416-458.

ATIC P-TS-9652/V

The Thermodynamic and Kinetic Features of the
Isotope Exchange Reactions of Hydrogen, by Ya.
M. Varshavskiy, S. E. Vaysberg, (NY-3662).
RUSSIAN, per, Uspekhi Khim, Vol XXVI, No 12,
1957, pp 1434-1468.

*JPRS

To All Scientific Workers in the USSR Conduct-
ing Work Connected With Measurement of Thermal
Values, 3 pp.
RUSSIAN, per, Uspekhi Khim, Vol XXVIII, No 9,
1959, pp 1134-.

NIH O-1-60

Formation of Scientific Bases of the Chemistry
of Polymers, by G. S. Kolesnikov, 10 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, No 9, 1959,
pp 69-72.

JPRS L-1192-N

Method of Changing Concentrations in the Study
of New Preparations (Method of Logarithmic
Spraying), by Ya. Yu. Starosel'skiy.
RUSSIAN, per, Vest Sel'skokhoz Nauk, Vol IV,
No 5, 1959, pp 110-113. 9046380

USDA

Eleventh All-Union Conference on High-Molecular
Compounds, by N. F. Bakeyev, (DC-3448).
RUSSIAN, per, Vysokomolekulyarnyye Soyedineniya,
No 12, 1959, pp 1877-1891.

*JPRS

The Effectiveness of the Biopreparation
Trichodermin-3, by M. S. Fedorinchik.
RUSSIAN, per, Zash Rast, No 5, 1959, pp 32, 33.

*USDA

Scientific
Chemistry (Contd)

Arrangement of Research on Insecto-
Fungicides in the Chinese People's
Republic, by K. A. Gar.
RUSSIAN, per, Zash Rast, No 1, 1960,
pp 45, 46.

*USDA

Storage of Poisonous Chemicals, by P. V.
Zaring.
RUSSIAN, per, Zash Rast, No 1, 1960, p 53.

*USDA

Device for Determining the Apparent Density
of Porous and Surface-Cracked Substances,
by N. A. Figurovskiy.
RUSSIAN, per, Zavod Lab, Vol VII, No 7,
1938, pp 800, 801.

EB 4637

Chemical Analysis of Chromites, by N. V.
Lazarev.
RUSSIAN, per, Zavod Lab, Vol IX, 1940,
p 152.

DSIR LLU M.1174

Kinetics of Addition of Hypochlorous Acid
at the Double Bend. V. Formation of
Ethylene Dichloride From Ethylene and HOCl
at Low Concentrations of Hydrochloric Acid,
by E. A. Shilov, et al.
RUSSIAN, per, Zhur Fiz Khim, Vol XIII,
1939, pp 759-766.

DSIR LLU M.1061

Kinetics of the Addition of Hypochlorous
Acid at the Double Bend. VI. 1, 2-Dichloro-
ethane Formation at High Chloride Ion Con-
centrations, by E. A. Shilov, N. P.
Kanyayev.
RUSSIAN, per, Zhur Fiz Khim, Vol XIII, 1939,
pp 1242-1248.

DSIR LLU M.978

The Influence of Temperature on the Electro-
lytic Liberation of Chlorine, by S. V.
Gorbachev, N. P. Zhuk.
RUSSIAN, per, Zhur Fiz Khim, Vol XXV, No 7,
1951, pp 841-853.

DSIR LLU RTS 1332

Scientific
Chemistry (Contd)

Study of the Effect of Molecular Structure on the Velocity of the Ionic and Atomic Reactions of Isotope Exchange. I. The Effect of the Lengthening the Carbon Chain of the Alkyl Radical on the Rate of Isotope Exchange of an Alkyl Halide With Halide Ions, by M. B. Neyman, Yu. M. Shapovalov, V. B. Miller, (NY-3543).
RUSSIAN, per, Zhur Fiz Khim, Vol XXVIII, No 7, 1954, pp 1243-1256.

*JPRS

Study of the Effects of Molecular Structure on the Velocity of the Ionic and Atomic Reactions of Isotope Exchange. II. The Effect of Isomerization of the Radical and of the Introduction of a Double Bond on the Rate of Isotope Exchange of an Alkyl Halide With Halide Ions, by M. B. Neyman, V. B. Miller, Yu. M. Shapovalov, (NY-3544).
RUSSIAN, per, Zhur Fiz Khim, Vol XXIX, No 5, 1955, pp 892-897.

*JPRS

Study of the Influence of Molecular Structure on the Velocity of Ionic and Atomic Reactions of Isotope Exchange. IV. Investigation of the Radical Chain Reaction of Isotope Exchange of Iodide Alkyls With Elementary Iodine, by M. B. Neyman, V. B. Miller, Yu. M. Shapovalov, (NY-3649).
RUSSIAN, per, Zhur Fiz Khim, Vol XXX, No 3, 1956, pp 492-499.

*JPRS

The Production of Concentrates of N^{15} in a Cascade Apparatus by the Chemical Exchange Method, by B. V. Ottesen, M. E. Ayerov, (NY-3410).
RUSSIAN, per, Zhur Fiz Khim, Vol XXX, No 6, 1956, pp 1356-1366.

*JPRS

The Calculation of the Results of Experiments on the Isotopic Exchange of Hydrogen, by Ya. M. Varshavskiy, V. R. Kalinachenko, (NY-3409).
RUSSIAN, per, Zhur Fiz Khim, Vol XXX, No 6, 1956, pp 1376-1379.

*JPRS

Scientific
Chemistry (Contd)

The Concentration of Isotopes C^{13} and O^{18}
in Carbon Monoxide by the Thermal Diffu-
sion Method, by G. M. Panchenkov, V. D.
Moiseyev, (NY-3549).

RUSSIAN, per, Zhur Fiz Khim, Vol XXX,
No 7, 1956, pp 1662-1667.

*JPRS

The Concentration of a Heavy Isotope of Nitrogen
by Thermal Diffusion, by B. A. Geller, (NY-3548).
RUSSIAN, per, Zhur Fiz Khim, Vol XXX, No 8, 1956,
pp 1871-1876.

*JPRS

The Separation of Stable Isotopes of Carbon by
the Counter Flow Chemical Exchange Method in
the Gas Phase, I, by G. M. Panchenkov, I. A.
Semyokhin, A. G. Mayurina, N. P. Yershova,
(NY-3547).

RUSSIAN, per, Zhur Fiz Khim, Vol XXX, No 9,
1956, pp 2070-2076.

*JPRS

The Temperature Relationship of the Coefficient
of Nitrogen Isotope Separation During the
Chemical Exchange Between Ammonia and a Solu-
tion of Ammonium Nitrate, by V. Yu. Orlov,
N. N. Tunitskiy, (NY-3547).

RUSSIAN, per, Zhur Fiz Khim, Vol XXX, No 9,
1956, pp 2085-2089.

*JPRS

The Separation of Boron Isotopes by Thermo-
Diffusion, by G. M. Panchenkov, V. D.
Moiseyev, Yu. A. Lebedev, (NY-3546).

RUSSIAN, per, Zhur Fiz Khim, Vol XXX, No 10,
1956, pp 2348-2352.

*JPRS

A Method of Studying the Isotopic Exchange
Reaction of Hydrogen in a Liquid Deuterium
Fluoride Medium, by Ya. M. Varshavskiy,
M. G. Lozhkina, (NY-3575).

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 4,
1957, pp 911-914.

*JPRS

The Separation of Stable Isotopes of Nitrogen
by the Chemical Exchange Method. I., by G. M.
Panchenkov, I. A. Semyokhin, A. A. Renzayeva,
V. V. Molchanov, O. P. Kalashnikov, (NY-3552).
RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 6,
1957, pp 1352-1358.

*JPRS

Scientific
Chemistry (Contd)

- A Chemical Method for Separating the Boron Isotopes, by G. M. Panchenkov, V. D. Moiseyev, A. V. Makarov, (NY-3551).
RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 8, 1957, pp 1851-1860. *JPRS
- The Separation of Stable Nitrogen Isotopes by the Chemical Exchange Method. II., by G. M. Panchenkov, I. A. Semyokhin, O. P. Kalashnikov, (NY-3550).
RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 10, 1957, pp 2224-2228. *JPRS
- The Concentration of the Heavy Isotope of Carbon by a Chemical Method, by Yu. K. Shaposhnikov, (NY-3553).
RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 4, 1958, pp 869-874. *JPRS
- Influence of the Capacity of Sulphostyrene Cations on Ion-Exchange Equilibrium, by E. P. Cherneva, et al.
RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, 1958, pp 1423, 1424. DSIR LLU M.964
- The Computation of a Single Coefficient of the Separation of Isotopes for Equilibrium Processes, by Ye. M. Kuznetsova, A. V. Makarov, G. M. Panchenkov, (NY-3554).
RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 11, 1958, pp 2641-2643. *JPRS
- A New Method for Isotope Separation, by G. M. Panchenkov, A. M. Tolmachev, V. B. Kondratova, (NY-3545).
RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 3, 1959, pp 734, 735. *JPRS
- The Preparation of Ethylene Chlorohydrin, by E. A. Shilov.
RUSSIAN, per, Zhur Khim Prom, Vol V, 1928, pp 1273-1276. DSIR LLU M.1205

Scientific
Chemistry (Contd)

The Production of Deuterium Oxide and the Determination of Its Density, by A. I. Shtenshteyn, L. M. Yakimenko, V. R. Kalinachenko, Ye. A. Yakovleva, (NY-3574). RUSSIAN, per, Zhur Neorg Khim, Vol II, No 5, 1957, pp 985-994.

*JPRS

Study of Solubility and Phase Composition in the System Silicon-Carbon, by I. S. Brokhin, V. F. Funke, 11 pp. RUSSIAN, per, Zhur Neorg Khim, Vol III, No 4, 1958, pp 11-21.

AEC NP-Tr-312

Study of Phase Diagram of Nickel - Molybdenum - Caronium, by A. P. Smiryagin, A. Ya. Potemkin, R. P. Martynyuk, 14 pp. RUSSIAN, per, Zhur Neorg Khim, Vol III, No 4, 1958, pp 22-35.

AEC NP-Tr-312

Coprecipitation of Lanthanum, Cerium, and Americium With Potassium Sulfate, by V. I. Grebenshchikova, V. N. Bobrova, 10 pp. RUSSIAN, per, Zhur Neorg Khim, Vol III, 1958, pp 40-45.

AEC Tr-3682

Study of the Region of Separation Into Layers in the System Lead - Copper, by M. A. Abdeyev, O. G. Miller, 8 pp. RUSSIAN, per, Zhur Neorg Khim, Vol III, No 4, 1958, pp 134-141.

AEC NP-Tr-312

Study of the Physicochemical Properties of Plutonyl Fluoride, by I. F. Alenchikova, L. L. Zaitseva, L. V. Lipis, N. S. Nikolayev, V. V. Fomin, N. T. Chebotarev, 10 pp. RUSSIAN, per, Zhur Neorg Khim, Vol III, No 4, 1958, pp 190-198.

AEC NP-Tr-312

N-Substituted Amides of Salicylic Acid and Its Derivatives. I. Arylides of 3,5-Dichlorosalicylic and 5-Nitrosalicylic Acids, by I. S. Yoffe, M. Z. Zal'manovich, 6 pp. RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8, 1959, pp 2682-2685.

JPRS 3008

Scientific
Chemistry (Contd)

Adsorption of Another Gas From a Current of Air, by M. A. Shilov, L. K. Lepin', S. A. Voznesenskiy, 54 pp.

RUSSIAN, per, Zhur Russ Fiz-Khim Obshch, Vol LXI, 1929, pp 1107-1123.

AEC NP Tr 316

Summary of Accomplishments in Research in Polymer Chemistry in the Past Decade, by Wang Pao-jen, 8 pp.

CHINESE, per, Kao-fen-tzu T'ung-hsun, Vol III, No 5, Peiping, 1959, pp 193-195.

JPRS 2164-N

Report on Several Research Projects, 10 pp.
CHINESE, per, Kao-fen-tzu T'ung-hsun, Vol III, No 5, Peiping, Oct 1959, pp 297-300.

JPRS 2159-N

Scientific Conference in Communist China on Industrial Heat Energy, Heat Transfer, and Mass Transfer, by Ko Shao-yen, 4 pp.

CHINESE, per, K'o-hsueh T'ung-pao, No 17, Peiping, 11 Sep 1959, pp 561, 562.

JPRS 1162-D

Testing of Matter by Derivative Thermogravimetry, by Laszlo Erdey.

CZECH, per, Chemické Zvesti, Vol XII, 1958, pp 352-362.

*AEC

Titration With Sodium Nitrite in Organic Analysis, by Miroslav Matrka.

CZECH, per, Chemie, Vol X, 1958, pp 635-646.

*AEC

Beryllium, by P. Vachet, 15 pp.

FRENCH, per, Chimie et Industrie, Vol LXXXI, Paris, 1959, pp 64-77.

AEC IGIS-59(RD/S)

Porphyrine, by J. Brugsch, 7 pp.

GERMAN, bk(?), Leipzig, J. A. Barth Verlag, 1952, pp 121-124. Partial Tr.

NIH 1-14-60

The Needle Development of the Hematite Phase in Iron Oxide Films at High Temperature, by J. Paidassi.

GERMAN, per, Acta Metallurgica, Vol VI, No 12, 1958, pp 773-780.

TIL 4988

Scientific
Chemistry (Contd)

The Biochemical Function of Biotin,
by F. Lynen, J. Knappe, E. Lorch,
G. Jutting, E. Ringelmann, 27 pp.
GERMAN, per, Angewandte Chemie, Vol
LXXI, No 15/16, 21 Aug 1959, pp 481-486.

NIE 1-1-60

Contribution to the Reduction Behaviour
of Several Oxides and Oxide Compounds at
the Fractionated Hot Vacuum Extraction in
a Carbon Crucible, by H. Schenck, K. D.
Unger.

GERMAN, per, Arch Eisenhuettenwesen, Sep 1959,
pp 549-552.

BISI 1523

Evaporation of Iron Oxides (II, III), Manganese
Oxides (II, III) and Chromium Oxides (II, III),
by H. von Wartenberg.

GERMAN, per, Arch Eisenhuettenwesen, Oct 1959,
pp 585-587.

*BISI 1554

Preparation of Very Pure Silicon, by K. Pactz,
8 pp.

GERMAN, per, Monatsberichte der Deutschen
Akademie der Wissenschaften zu Berlin, Vol I,
No 5, 1959, pp 290-296.

USASIA SC-73/59

Determination of Hydroxyl Groups in Epoxide
Resins, by A. Bring, Fn. Kadlecsek.

GERMAN, per, Plaste und Kautschuk, Vol V,
No 2, 1958, pp 43-48.

*AEC

The Vanal Process, by A. Staerker, 6 pp.

GERMAN, per, Sprechsaal fuer Keramik-Glass-
Email, No 15, 1957, pp 365-367. 9045369.

ACSIL 1078

Fundamental Japanese Studies of Structure and
Properties of Hot Galvanized Coatings, by
D. Horstmann.

GERMAN, per, Stahl u Eisen, No 25, 1959,
pp 1869-1872.

*HB 4733

Nitrogen Absorption During Electric Arc
Welding, by F. Bischof.

GERMAN, per, Technik, May 1949, pp 229-234.

*BISI 1556

Scientific
Chemistry (Contd)

The Modifications of Na_2BeF_4 and Their Relationships to Those of Ca_2SiO_4 . Investigations of Silicate-Type Struggles III., by Erich Thilo, Friedrich Liebau, 32 pp.

GERMAN, per, Z Phys Chem, Vol CXIX, 1951, Leipzig, pp 125-141.

AEC NP Tr 293

The Graphitization of Carbon: Part I, by O. Hauser.

GERMAN, per, Z Phys Chem, Vol CCIX, No 5/6, 1958, pp 335-351.

RAE 839

The Use of the Pulfrich Photometer for Nitrogen Determination With Micro-Kjeldahl Method, by M. Marzadro, 4 pp.

ITALIAN, per, Annali di Chimica Applicata, Vol XXXV, 1945, pp 231-235.

NIH 1-38-60

The Structure Determination of Organic Compounds, by Sumio Umezawa, 40 pp.

JAPANESE, per, Bunseki Kagaku, Vol VIII, 1959, pp 471-484.

AEC Tr 3898

Chemistry of Ferromagnetic Iron Oxides, by Alfons Krause, 7 pp.

POLISH, per, Przemysl Chemiczny, Vol XXXVIII, No 10, 1958, pp 637-639.

Navy Tr 2405/NRL 767

The Ultraviolet Yield From a Discharge Tube in Air, by I. Agarbiceanu, N. Stanesco, A. Popa, I. Vierosanu, 9 pp.

RUMANIAN, per, Bul Inst Politehnic Bucuresti, Vol XIX, No 2-3, 1957.

AEC Tr 3899

Effect of Iodination on the Stability of the Macro-Structure of Egg Albumin, by V. Lobachevskaya, (NY-3661).

UKRAINIAN, per, Ukrain Biokhim Zhur, Vol XXXI, No 6, Kiev, 1959, pp 799-805.

*JPRS

The Effect of Ionizing Radiation on the Liquid Composition of the Blood and Liver of the Rat, by V. V. Nikol'skiy, N. A. Nekovaleva, L. M. Chumakova, (NY-3661).

UKRAINIAN, per, Ukrain Biokhim Zhur, Vol XXXI, No 6, Kiev, 1959, pp 877-882.

*JPRS

Scientific
Chemistry (Contd)

Conversions of Phosphoric Esters of
Choline, Ethanolamine and Serine in
the Brain. by P. A. Komstiani, L. K.
Tkeshelashvili, (NY-3661).
UKRAINIAN, per, Ukrain Biokhim Zhur,
Vol XXXI, No 6, Kiev, 1959, pp 913-936.

*JPRS

Hydrogen Exchange in Solutions, by A. I.
Brodskiy (NY-3559).
UKRAINIAN, per, Ukrain Khim Zhur, Vol XXII,
No 1, Kiev, 1956, pp 11-18.

*JPRS

The Role of the Oxygen in Vanadium Oxide
Catalysts in Oxidations, by V. A. Roiter,
et al.
UKRAINIAN, per, Ukrain Khim Zhur, Vol XXIV,
No 1, 1958, pp 37-45.

DSIR LLJ RTS 1261

The Photocatalytic Activation of Zinc Oxide,
by A. V. Panfilov, R. Ya. Mushii, Ya. S.
Mazurkevich, 4 pp.
UKRAINIAN, per, Ukrain Khim Zhur, Vol XXIV,
1958, pp 599-601.

AEC NP Tr 320

Scientific
Electronics

Electric Automatic Control of Aircraft
Electromechanical Installations, by L. V.
Rabinovich, 514 pp.
RUSSIAN, bk, Elektroavtomatika AviatSIONnykh
Elektromekhanicheskikh Ustanovok, Moscow,
1957, 422 pp.

ATIC F-TS-9825/V

Electronic Computers and Their Application,
by F. V. Mayorov.
RUSSIAN, bk, Elektronnyye Vychislitelnyye
Mashiny i ikh Primeneniye, 1959, pp 160-235.

*ATIC MCL-506/III

A Point-Contact Transistor Pulse Shaper, by
Yu. I. Senatorov, (NY-3555).
RUSSIAN, brochure, Formirovatel' Impul'sov
na Tochechnom Triode, 1958, 22 pp.

*JPRS

A Program of Automatic Differentiation for
BESM Computer, by L. M. Vega, L. N. Korolev,
N. V. Kukhikh, T. S. Frolova, (NY-3557).
RUSSIAN, brochure, Programma Avtomaticheskogo
Differentsirovaniya dlya Mashiny BESM, 1959,
19 pp.

*JPRS

Auxiliary Testing Equipment for Construct-
ing BESM-II Magnetic Operating Storage
Unit, by M. P. Sycheva, A. S. Fedorov, (NY-
3556).
RUSSIAN, brochure, Vspomogatel'noye Oborudo-
vaniya Dlya Izgotovleniya MOZU BESM-II, 1958,
25 pp.

*JPRS

Location of Cable Envelope Ruptures by Means
of Radioactive Isotopes, by A. V. Alekseyev,
5 pp.
RUSSIAN; per, Avtomat Telemekh i Svyaz',
No 9, 1957, pp 3-5.

USASIA SC-99a/59

Semiconductors, by Yu. A. Chebotaryevskiy,
7 pp.
RUSSIAN, per, Avtomat Telemekh i Svyaz',
No 9, 1957, pp 17-19.

USASIA SC-99c/59

Scientific
Electronics (Contd)

Maintenance of Line-Cable Communication Facilities, by N. M. Petrukhin, V. S. Burshin, 10 pp.

RUSSIAN, per, Avtomat Telemekh i Svyaz, No 10, 1957, pp 18-22.

USASIA EG-100/59

Effect of Contact-Trolley Network on Communications Lines and Central Signal Blocking, by A. A. Snarskiy, 14 pp.

RUSSIAN, per, Avtomat Telemekh i Svyaz, No 3, 1959, pp 11-15.

JPRS 1170-D

Ways of Reducing the Influence of the Catenary Network on Communications Lines, by A. A. Snarskiy, 18 pp.

RUSSIAN, per, Avtomat Telemekh i Svyaz, No 4, 1959, pp 13-19.

JPRS 2275

On Characteristic Intervals of Pulsations of Diminishing Periods (10-1 Sec) in the Electromagnetic Field of the Earth and Their Connection With Phenomena in High Atmosphere, by V. A. Troitskaya, M. V. Mel'nikova, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5, 1959, pp 917-920.

JPRS L-1190-N

Split-Phase Operation of 400 kv Line Under Icing Conditions, by P. A. Dolin.

RUSSIAN, per, Elek Stants, Vol XXIX, No 8, 1958, pp 63-66.

DSIR LLU M.1271

Aluminum-Steel Conductor Joints, by N. M. Boyev.

RUSSIAN, per, Elek Stants, No 1, 1959, pp 65-70.

DSIR LLU M.1203

Measurement of Power by the Method of Equal Temperatures, by V. S. Popov.

RUSSIAN, per, Elektrichestvo, No 9, 1958, pp 63-66.

DSIR LLU RTS 1266

Scientific
Electronics (Contd)

Relay Protection Based on the Hall Effect,
by V. K. Sirotko.

RUSSIAN, per, Elektrichestvo, No 11, 1958,
pp 69-71.

DSIR LLU RTS 1216

Maximum Energy Output of an Induction Motor
When Feeding Into the Network, by V. S.
Mogilnikov.

RUSSIAN, per, Elektrichestvo, No 12, 1958,
pp 52-55.

DSIR LLU M.936

Switchgear for HV DC Transmission Lines, by
G. A. Kukekov, et al.

RUSSIAN, per, Elektrichestvo, No 3, 1959,
pp 24-27.

DSIR LLU M.981

Some Observations on the Parallel Operation
of DC and AC Lines, by S. R. Buachidze.

RUSSIAN, per, Elektrichestvo, No 5, 1959,
pp 54-56.

DSIR LLU M.1273

Back-Scatter Observations and Problems of
Long-Distance Radio Communication and Broad-
casting, by K. M. Kosikov, (DC-3450).

RUSSIAN, per, Elektrosvyaz', No 7, 1959,
pp 10-16.

*JPRS

Evaluation of Calculation Methods for Finding
Maximum Usable Frequencies, by E. M. Gaspar'-
yants, (DC-3425).

RUSSIAN, per, Elektrosvyaz', No 11, 1959,
pp 17-23.

*JPRS

One Way to Increase the Effectiveness of
VHF Meteor-Burst Communication, by A.

Magazanik, (DC-3425).

RUSSIAN, per, Elektrosvyaz', No 11, 1959,
pp 74-77.

*JPRS

Semiconductor Thermocouples for High Temper-
ature Uses, by P. S. Kislyy, G. V. Samsonov,
(NY-3656).

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Metal i Top, No 6, 1959, pp 133-137.

*JPRS

Scientific
Electronics (Contd)

Fresnel Coefficient for Rough Terrain, by
S. I. Brande, (NY-3467).

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Radiofiz, Vol II, No 5, Gor'kiy, 1959,
pp 691-696.

*JPRS

Static and Dynamic Characteristics of
Discharge With Oscillating Electrons in a
Magnetic Field, by E. M. Reykhrudel', G. M.
Smirnitakaya, 16 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Radiofiz Otdel Ottisk, Vol I, No 2, 1958,
pp 36-44.

ATTC MCL-171/V

Peculiarities of Ignition From a Discharge
in a High Vacuum in a Magnetic Field, by
E. M. Reykhrudel', G. V. Smirnitakaya, 11 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Radiofiz Otdel Ottisk, Vol I, No 2, 1958,
pp 45-50.

ATTC MCL-171/V

Radio Electronics and Warfare, by A. I.
Leonov, 4 pp.
RUSSIAN, np, Krasnaya Zvezda, 7 May 1959,
p 2.

USASIA SC-101/59

Long-Range Propagation of Ultrashort Radio
Waves, by M. P. Dolukhancv, 11 pp.
RUSSIAN, per, Priroda, No 5, 1959, pp 29-34.

USASIA SC-47a/59

The Electrets, by A. N. Gubin, 10 pp.
RUSSIAN, per, Priroda, No 5, 1959, pp 77-81.

USASIA SC-47c/59

Recent Representations of the Electron,
by D. I. Blokbintsov, 9 pp.
RUSSIAN, per, Priroda, No 9, 1959, pp 25-29.

USASIA SC-51a/59

In the World of Radio Electronics, by V. I.
Shamsur, 13 pp.
RUSSIAN, per, Priroda, No 9, 1959, pp 61-68.

USASIA SC-51c/59

Radio Communications Between the Antipodes,
by Sh. Shlyonskiy, 3 pp.
RUSSIAN, per, Radio, No 1, 1959, p 25.

USASIA SC-53a/59

Scientific
Electronics (Contd)

Elimination of Hum in AF Amplifiers, by V. Morozov, 8 pp. RUSSIAN, per, <u>Radio</u> , No 1, 1959, pp 45-47.	USASIA SC-53b/59
Display Oscilloscopes, 6 pp. RUSSIAN, per, <u>Radio</u> , No 1, 1959, pp 40, 49.	USASIA SC-53c/59
Radio Electronics and Cosmic Flight, 6 pp. RUSSIAN, per, <u>Radio</u> , No 2, 1959, pp 6, 7.	USASIA SC-41a/59
The 6A3P Tube, by Ye. Sorvin, 6 pp. RUSSIAN, per, <u>Radio</u> , No 2, 1959, pp 52-54.	USASIA SC-41b/59
Heater Power Characteristics for 1B1P and 1B2P Tubes, by A. Artemyev, 3 pp. RUSSIAN, per, <u>Radio</u> , No 2, 1959, pp 54, 55.	USASIA SC-41c/59
High-Frequency Cables, 7 pp. RUSSIAN, per, <u>Radio</u> , No 2, 1959, pp 57-59.	USASIA SC-41d/50
New Methods of Ultrashort Wave Radio Communication, by A. Gassnov, 8 pp. RUSSIAN, per, <u>Radio</u> , No 6, 1959, pp 10-12, 20.	USASIA SC-55/59
Beyond the Polar Circle, by V. Pol'skiy, G. Tsirs, 4 pp. RUSSIAN, per, <u>Radio</u> , No 6, 1959, pp 13, 14.	USASIA SC-55/59
Voice Spectrum Compression, by V. Murav'yev, 8 pp. RUSSIAN, per, <u>Radio</u> , No 6, 1959, pp 37-40.	USASIA SC-55/59
Stabilization of Operation of Semiconductor Triodes, by V. Lugvin, 10 pp. RUSSIAN, per, <u>Radio</u> , No 6, 1959, pp 45-47, 50.	USASIA SC-55/59
Selenium Rectifiers, 4 pp. RUSSIAN, per, <u>Radio</u> , No 6, 1959, pp 59-61.	USASIA SC-55/59
Television During the Seven Year Plan, 5 pp. RUSSIAN, per, <u>Radio</u> , No 7, 1959, pp 3, 4.	USASIA SC-56a/59
Multichannel System "Vesna," by G. Agrikelyanskiy, 6 pp. RUSSIAN, per, <u>Radio</u> , No 7, 1959, pp 6, 7.	USASIA SC-56a/59

Scientific
Electronics (Contd)

"KRU-40" Rediffusion Station ("Radio Knot"), by A. Muz'pan, 6 pp. RUSSIAN, per, <u>Radio</u> , No 7, 1959, pp 17-19.	USASIA SC-56b/59
Silicon Stabilitrans, by V. Mein, C. Vedeneyev, 13 pp. RUSSIAN, per, <u>Radio</u> , No 7, 1959, pp 42-46.	USASIA SC-56a/59
In the Radio Technology Pavilion, 7 pp. RUSSIAN, per, <u>Radio</u> , No 8, 1959.	USASIA SC-57b/59
Along the Road to Semiconductor Devices, 2 pp. RUSSIAN, per, <u>Radio</u> , No 8, 1959, p 6.	USASIA SC-57a/59
A Semiconductor Triode Used as a Key, by O. Lavrov, 10 pp. RUSSIAN, per, <u>Radio</u> , No 8, 1959, pp 7-9.	USASIA SC-57a/59
The Application of Silicon Stabilitrans, by V. Vershin, 8 pp. RUSSIAN, per, <u>Radio</u> , No 8, 1959, pp 10, 11.	USASIA SC-57a/59
An Avometer (Volt-Mil-Ammeter) Using Semi- conductor Triodes, by N. Krushkov, 9 pp. RUSSIAN, per, <u>Radio</u> , No 8, 1959, pp 12, 13, 15.	USASIA SC-57a/59
The Elimination of Radio Interference Due to Internal Combustion Engines, by E. Bornovolokov, 7 pp. RUSSIAN, per, <u>Radio</u> , No 8, 1959, pp 32, 33.	USASIA SC-57b/59
Color Television Transmissions Are on the Way, 5 pp. RUSSIAN, np, <u>Sovet Aviatsiya</u> , No 43 (3213), 21 Feb 1959, p 4.	USASIA SC-37/59
Research on the Flow of Electric Current of the Model of an Electrolyzer, by M. F. Dogramadzshi. RUSSIAN, per, <u>Tsvetnyye Metally</u> , No 8, 1959, pp 44-50.	*AEC

Scientific
Electronics (Contd)

Work on Wave Guide Communication, USSR, by
Yu. I. Kaznacheyev, 5 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, No 10, 1959,
pp 68-71.

JPRS 11-2-D

Technology Development of the Transmitting
Television Network, 9 pp.
RUSSIAN, per, Vest Svyazi, No 1 (226), 1959,
pp 6-9.

USASIA SC-42a/59

New Telephone Instrument TsB-ATC [Common
Battery-Automatic Office], by B. Ya.
Dalbin'sh, 10 pp.
RUSSIAN, per, Vest Svyazi, No 1 (226),
1959, pp 20-22.

USASIA SC-42b/59

Experience in the Reception of USW FM Stations
at Radio Rediffusion Points in Moscow Oblast,
by L. Ya. Kantor, G. P. Krutsko, 8 pp.
RUSSIAN, per, Vest Svyazi, No 1 (226), 1959,
pp 34-36.

USASIA SC-42d/59

Automated and Stabilized Germanium Rectifier
VSG-1, 2 pp.
RUSSIAN, per, Vest Svyazi, No 5, 1959, inner
front cover.

USASIA SC-43a/59

Perfecting the Work of Facilities for Radio
Communication Broadcasting, Television and
Radio Installation, 5 pp.
RUSSIAN, per, Vest Svyazi, No 5, 1959,
pp 1, 2.

USASIA SC-43b/59

Radio Station RS-25, 9 pp.
RUSSIAN, per, Vest Svyazi, No 5, 1959,
pp 3-5.

USASIA SC-43c/59

Increasing the Range and Performance Quality
of RDP Equipment, by B. Ya. Gertsenshtein,
7 pp.
RUSSIAN, per, Vest Svyazi, No 5, 1959, pp 7-9.

USASIA SC-43d/59

Scientific
Electronics (Contd)

Converting Devices for Phototelegraph Radio
Links, by A. V. Gorbunov, S. O. Malnik, 9 pp.
RUSSIAN, per, Vest Svyazi, No 5, 1959, pp 15-17. USASIA SC-43f/59

UHF Group Delay Time Meter for the "Vesna"
Radio Relay System (IVZ-1 Unit), 1 p.
RUSSIAN, per, Vest Svyazi, No 8 (233), 1959. USASIA SC-45a/59

Automatic Long-Distance Telephone Service
Between Moscow and Leningrad, by V. A.
Godlevskiy, 4 pp.
RUSSIAN, per, Vest Svyazi, No 8 (233),
1959, pp 4, 5. USASIA SC-45b/59

Noise Reduction in the Speech Channel of an
Automatic Office (ATS), by N. R. Belopitov,
6 pp.
RUSSIAN, per, Vest Svyazi, No 8 (233), 1959,
pp 7-9. USASIA SC-45c/59

USW FM Receiver for Rediffusion Stations
("Radio-Knots"), by L. Ya. Kantor, 5 pp.
RUSSIAN, per, Vest Svyazi, No 8 (233), 1959,
pp 9, 10. USASIA SC-45d/59

Radioelectronics and Communications at the
Exhibition of Achievements of the National
Economy of the USSR, 7 pp.
RUSSIAN, per, Vest Svyazi, No 8 (233), 1959,
pp 11-13. USASIA SC-45e/59

Waveguide Sections of the "Vesna" Radio
Relay Line, by A. A. Metrikin, V. K.
Paramonov, 7 pp.
RUSSIAN, per, Vest Svyazi, No 10, 1959,
pp 8-10. USASIA SC-4a/60

Course Indicator for the Mechanization of
Work on Underground Cable Lines, by G. A.
Arkhangelsky, 4 pp.
RUSSIAN, per, Vest Svyazi, No 10, 1959,
pp 11-13. USASIA SC-4b/60

Scientific
Electronics (Contd)

Ion Protection System for Antenna Transmission
Line, by V. D. Galevsky, 4 pp.
RUSSIAN, per, Vest Svyazi, No 10, 1959,
pp 13, 14.

USASIA SC-4c/60

Lamellar Discharge, by G. V. Gorderov,
18 pp.
RUSSIAN, per, Zapiski Leningrad, Ordenov
Lenina i Trud Krasnogo Znameni Gornogo Inst :
imeni G. V. Plekhanova, Vol XXXVI, No 3, 1958,
pp 65-73.

ATIC MCL-169/III

Characteristics of Detectors for the Chemical
Recording of High Frequency Electric Fields on
Paper, by B. Arkad'yev, E. Chernyavskaya, 13 pp.
RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol
VII, No 1, 1937, pp 107-113.

JPRS 2264

Temperature-Resistant Semiconductor Materials,
3 pp.
RUSSIAN, per, Znaniye-Sila, No 8, 1959,
pp 28-32.

AID/SIR-3140

Finding New Materials for Semiconductors, by
Lin Lan-ying, (DC-3439).
CHINESE, per, K'o-hsueh T'ung-pao, No 3,
11 Feb 1959, pp 86, 87.

*JPRS

The Development of Wave-Guide Long-Distance
Multiplex Communications, by Huang Hung-chia,
(DC-3439).
CHINESE, per, K'o-hsueh T'ung-pao, No 11,
Peiping, 11 Jun 1959, pp 359-362.

*JPRS

The Direction of Cathode Electronics, by
Chang En-ch'iu, (DC-3439).
CHINESE, per, K'o-hsueh T'ung-pao, No 13,
Peiping, 11 Jul 1959, pp 420-422.

*JPRS

Czechoslovakia's Teleprinter, (DC-3439).
CHINESE, per, Tien-hsin Chi-shu T'ung-hsueh,
No 4, 1957, p 22.

*JPRS

Scientific
Electronics (Contd)

China's First Micro-Wave Circuit, (DC-7439).
CHINESE, per, Wu-hsien-tien, No 2, Peiping,
1958.

*JPRS

The Use of Electron Microscopy for the Study
of Kinetic Phenomena in Previously Selected
Areas, by M. Molcik, M. Klesnil.
CZECH, per, Hutnicke Listy, No 8, 1959,
pp 688-692.

BISI 1510

News of the World, 5 pp.
CZECH, per, Sdelovaci Technika, No 1, 1959,
pp 2, 24, 33.

USASIA SC-93a/59

Sensational News From Russia, 4 pp.
CZECH, per, Sdelovaci Technika, No 1, 1959,
pp 10, 11.

USASIA SC-93b/59

The First Television Transmitter For TV Zone
III in the CSR: Test Run Started, 3 pp.
CZECH, per, Sdelovaci Technika, No 1, 1959,
p 14.

USASIA SC-93c/59

News of Interest From Everywhere, 2 pp.
CZECH, per, Sdelovaci Technika, No 1, 1959,
p 38.

USASIA SC-93d/59

Czechoslovak Television Transmitter for the
Third Band, by Jiri Bednar.
CZECH, per, Sdelovaci Technika, No 2, 1959,
pp 41, 42.

USASIA SC-94a/59

What Is New in the World.
CZECH, per, Sdelovaci Technika, No 2, 1959,
p 43.

USASIA SC-94c/59

One-Hundred Thousand Television Sets at Tesla
Pardubice.
CZECH, per, Sdelovaci Technika, No 2, 1959,
p 43.

USASIA SC-94b/59

A Code Selector and Its Function.
CZECH, per, Sdelovaci Technika, No 2, 1959,
pp 64, 65.

USASIA SC-94d/59

Scientific
Electronics (Contd)

Long-Distance Communications Through Atmospheric Scatter in the USSR.

CZECH, per, Sdelovaci Technika, No 2, 1959, p 67.

USASIA SC-94e/59

Notes of Interest From Everywhere.

CZECH, per, Sdelovaci Technika, No 2, 1959 p 75.

USASIA SC-94f/59

What's New in the World, 4 pp.

CZECH, per, Sdelovaci Technika, No 3, 1959, pp 82, 102, 106, 109.

USASIA SC-95b/59

Silicon Photo Cells and the Conversion of Solar Energy, by Eva Kryslava, 11 pp.

CZECH, per, Sdelovaci Technika, No 3, 1959, pp 83, 84.

USASIA SC-95c/59

Items of Interest From Everywhere, 7 pp.

CZECH, per, Sdelovaci Technika, No 3, 1959, pp 114, 115.

USASIA SC-95f/59

News of the World, 2 pp.

CZECH, per, Sdelovaci Technika, No 4, 1959, pp 126, 149.

USASIA SC-96a/59

Items of Interest From Everywhere, 10 pp.

CZECH, per, Sdelovaci Technika, No 4, 1959, pp 126, 149.

USASIA SC-96c/59

News of the World, 4 pp.

CZECH, per, Sdelovaci Technika, No 5, 1959, pp 162, 172, 186.

USASIA SC-97a/59

Items of Interest From Everywhere, 13 pp.

CZECH, per, Sdelovaci Technika, No 5, 1959, pp 193-195.

USASIA SC-97c/59

Pictorial Report, 4 pp.

CZECH, per, Sdelovaci Technika, No 5, 1959.

USASIA SC-97d/59

New Goals Perceived, 7 pp.

GERMAN, per, Armee Rundschau, No 1, 1959.

USASIA SC-61b/59

Scientific
Electronics (Contd)

Remote Control and Regulation: Now Electronic.
GERMAN, per, Deutsche Export, No 7, Berlin,
1958, p 51.

USASIA SC-6a/60

New Electronic Measuring Devices.
GERMAN, per, Deutsche Export, No 7, Berlin,
1958, pp 51-53.

USASIA SC-6b/60

From Stagecoach to Decimeter Tower, by Hans
Gradecki.
GERMAN, per, Die Deutsche Post, Vol II, No 1/2,
1957, pp 29, 30.

USASIA SC-7/60

Construction of a Long-Wave U-Adcock Direction,
Finder, by H. J. Zetzmann, R. A. Wendlinger,
27 pp.
GERMAN, per, Deutsche Versuchsanstalt fuer
Luftfahrt E. V., No 37, 1957, pp 1-23.

ATIC F-TS-9896/V

Applied Ultrasonics, by H. J. Martin, 21 pp.
GERMAN, per, Feingerate Technik, Vol VII,
No 6, Berlin, 1958, pp 265-273.

USASIA SC-10a/60

New Developments of the VEB Funkwerk in
Kopenick, 2 pp.
GERMAN, per, Feingerate Technik, Vol VII,
No 6, Berlin, 1958, pp 290, 291.

USASIA SC-10b/60

Hungarian Instrument Exhibition Within the
Imeko, in 1958, by Ruhl.
GERMAN, per, Feingerate Technik, No 5, Berlin,
1959, pp 219-221.

USASIA SC-12/60

New Fluorescence Colorimetry With Diaphragms,
by M. I. Nasser.
GERMAN, per, Feingerate Technik, Vol VIII,
No 11, Berlin, 1959, pp 505-510.

USASIA SC-13/60

Improvement on the Remote Control Set of the
FK 50 Radio Equipment, by Dietrich.
GERMAN, per, Fleibige Hande und Findige Kopfe,
No 9, 1959, pp 1-7.

USASIA SC-105/69

Scientific
Electronics (Contd)

A New Standard for Extremely Small Noise Powers in the Microwave Range, by H. Jung, 9 pp.

GERMAN, per, Hochfrequenztechnik und Elektroakustik, Vol LXV, No 2, Leipzig, 1956, pp 50-52.

USASIA SC-17a/60

A New Method of Investigation of Tube Microphony, by Ivan Peter Valko, 18 pp.

GERMAN, per, Hochfrequenztechnik und Elektroakustik, Vol LXV, No 2, Leipzig, 1956, pp 59-65.

USASIA SC-17b/60

Coaxial-Trochotron, by W. Rentsch, 10 pp.

GERMAN, per, Hochfrequenztechnik und Elektroakustik, Vol LXV, No 2, Leipzig, 1956, pp 68-72.

USASIA SC-17a/60

The Refraction of Decimeter Waves in the Troposphere, by O. Hachenberg, R. Schachenmeier, 17 pp.

GERMAN, per, Hochfrequenztechnik und Elektroakustik, No 1, May 1959, pp 1-7.

USASIA SC-67a/59

Fundamentals of Electric Signal Theory, by F. H. Lange, 13 pp.

GERMAN, per, Hochfrequenztechnik und Elektroakustik, No 1, May 1959, pp 25-27.

USASIA SC-67b/59

The Horn-Antenna, by M. Prochazka.

GERMAN, per, Hochfrequenztechnik und Elektroakustik, Vol LXVIII, No 3, Leipzig, 1959, pp 93-104.

USASIA SC-20/60

A Method of Determining the Diffusion Constant of the Drift Mobility and Minority Carriers in Semiconductors by Means of Transit Time Measurements, by G. Richter. GERMAN, per, Monatsberichte der Deutschen Ak der Wissenschaften zu Berlin, Vol I, No 1, Berlin, 1959, pp 8, 9.

USASIA SC-72a/59

Scientific
Electronics (Contd)

On the Theory of the Excitation of Metal
Electrons by Primary Electrons, by H. W.
Streitwolf.

GERMAN, per, Monatsberichte der Deutschen
Ak der Wissenschaften zu Berlin, Vol I,
No 1, Berlin, 1959, pp 20-22.

USASIA SC-72b/59

Allowing for Amplification in the Diffusion
Theory of Running Layers, by K. Wojaczek.

GERMAN, per, Monatsberichte der Deutschen
Ak der Wissenschaften zu Berlin, Vol I,
No 1, Berlin, 1959, pp 23-27.

USASIA SC-72d/59

Climatic Strain on Communication Equipment,
by W. Nann, 9 pp.

GERMAN, per, Nachrichtentechnik, Vol VI[?],
No 2, 1955, pp 77-80.

USASIA SC-25/60

The Deviation of the Radiation Diagram of
Horizontally Polarized Short-Wave Directional
Antennas, by R. V. Gurevich, 7 pp.

GERMAN, per, Nachrichtentechnik, Vol V, No 4,
1955, pp 158-160.

USASIA SC-1/59

The Problem of Ice Deposits on Overhead Lines,
by Ulemann.

GERMAN, per, Nachrichtentechnik, Vol V, No 8,
1955, p 350.

USASIA SC-27/60

Surface Problems of Barrier Layer Semiconductors,
by H. H. Plagemann.

GERMAN, per, Nachrichtentechnik, Vol IX, No 7,
1959, pp 292-295.

USASIA SC-77a/59

Radio Frequency Equivalent Circuits of Tran-
sistors, by R. Paul.

GERMAN, per, Nachrichtentechnik, Vol IX, No 7,
Berlin, 1959, pp 296-300.

USASIA SC-77b/59

Problems of Anode Production for Electrolytic
Capacitors, by W. Prang.

GERMAN, per, Nachrichtentechnik, Vol IX, No 7,
1959; pp 300-303.

USASIA SC-77c/59

Scientific
Electronics (Contd)

Electrolytic Capacitors With Adipinic Acid
Electrolytes, by G. Bahn.

GERMAN, per, Nachrichtentechnik, Vol IX, No 7,
1959, pp 303-306.

USASIA SC-77d/59

Deposited Carbon Resistors, Quality Class
0,25, by H. Henninger, W. Markscheffel.

GERMAN, per, Nachrichtentechnik, Vol IX,
No 7, 1959, pp 306-309.

USASIA SC-77e/59

Noise of Deposited Carbon Resistors, by
K. Biebach.

GERMAN, per, Nachrichtentechnik, Vol IX,
No 7, 1959, pp 310-313.

USASIA SC-77f/59

Modern Ultrasonics Image Conversion, by H. J.
Martin.

GERMAN, per, Nachrichtentechnik, Vol IX, No 7,
1959, pp 333-336.

USASIA SC-77g/59

A Contribution to Measurements in the Nano-
second Range, by W. Meinel, 20 pp.

GERMAN, per, Nachrichtentechnik, Vol IX, No 9,
1959, pp 405-410.

USASIA SC-78a/59

Automatic Substitute Circuits for Directional
Radio Links, by E. Rempt, 14 pp.

GERMAN, per, Nachrichtentechnik, Vol IX, No 9,
1959, pp 411-414.

USASIA SC-78e/59

Investigation of the Technical Application
of Cylindrical Surface-Wave Antennas as
Radar Antennas, by R. Jahn, 28 pp.

GERMAN, per, Nachrichtentechnik, Vol IX, No 9,
1959, pp 418-426.

USASIA SC-78f/59

The Electronical Analog Computer Ilmenau
Eari, by H. Winkler, D. Schreier.

GERMAN, per, Nachrichtentechnik, Vol IX, No 10,
1959, pp 437-441.

USASIA SC-79a/59

Periodically Inhomogenous Coaxial Cables for
Filter Systems in the Decimeter (S-Band), by
H. Loele.

GERMAN, per, Nachrichtentechnik, Vol IX, No 10,
1959, pp 465-470.

USASIA SC-79b/59

Scientific
Electronics (Contd)

A New Tube Testing Automation, by M. Jansen,
H. Wiesemann.

GERMAN, per, Nachrichtentechnik, Vol IX, No 10,
1959, pp 471-476.

USASIA SC-79c/59

The Storage of Radar Pictures With Bandwidth
Compression, 27 pp.

GERMAN, per, Nachrichtentechnische Z, No 3,
1959.

ID 2128524

The Lubatle Electric Reduction Method, by
A. Pecurari.

GERMAN, per, Radex Rund, No 4/5, 1954,
pp 152-164.

*BISI 1598

Microwave Directional Radio Links for Multi-
plex Telephony, by H. G. Wanderfeld, 5 pp.

GERMAN, per, Radio und Fernsehen, Vol V, No 8,
1956, pp 245, 246.

USASIA SC-12/59

Long Distance Traffic Over Cable and Direc-
tional Radio Systems, 2 pp.

GERMAN, per, Radio und Fernsehen, Vol V,
No 15, Aug 1956, p 448.

USASIA SC-13a/59

Interesting Data on Television and UHF Radio
in the Sixth Five-Year Plan of the Soviet
Union, 4 pp.

GERMAN, per, Radio und Fernsehen, Vol V,
No 15, Aug 1956, pp 449, 450.

USASIA SC-13b/59

Directional Radio Sets for the Transmission
of Video and Radio Sound Signals, by W.
Mansfeld, 17 pp.

GERMAN, per, Radio und Fernsehen, Vol VII,
No 4, Feb 1958, pp 105-110.

USASIA SC-14/59

Soviet Semiconductor Components, by Hans-
Joachim Fischer, 16 pp.

GERMAN, per, Radio und Fernsehen, Vol VII,
No 5, 1958, pp 151-154.

USASIA SC-15/59

Scientific
Electronics (Contd)

Novel Information Storage on Magnetic Tape
for Program-Controlled Electronic Computers,
by Erhardt Schultze.

GERMAN, per, Radio und Fernsehen, Vol VII,
No 6, Mar 1958, pp 194-196.

USASIA SC-16/59

Some Considerations Concerning the Spacistor,
by J. Pahrendholz, 11 pp.

GERMAN, per, Radio und Fernsehen, Vol VII,
No 7, Apr 1958, pp 216-218.

USASIA SC-17/59

Properties and Applications of Thermistors,
by Horst Franke, 15 pp.

GERMAN, per, Radio und Fernsehen, Vol VII,
No 13, 1958, pp 406-410.

USASIA SC-22/59

A Pictorial Report of the New Moscow TV
Center, 3 pp.

GERMAN, per, Radio und Fernsehen, No 19,
Oct 1958, pp 578, 579.

USASIA SC-26a/59

Some New Semi-Conductor Construction Elements
of the CSR, by Hans-Joachim Fischer, 5 pp.

GERMAN, per, Radio und Fernsehen, No 19,
Oct 1958, pp 582, 583.

USASIA SC-26b/59

Hungarian Broadcasting Stations, 1 p.

GERMAN, per, Radio und Fernsehen, No 19,
Oct 1958, p 586.

USASIA SC-26c/59

From the Hungarian High-Vacuum Industry, by
Fritz Kunze, 2 pp.

GERMAN, per, Radio und Fernsehen, No 19,
Oct 1958, pp 586, 587.

USASIA SC-26d/59

State of Transmitting Tube Engineering in
the DDR, by Rolf Goebel, 9 pp.

GERMAN, per, Radio und Fernsehen, Vol VIII,
No 2, Jan 1959, pp 59-61.

USASIA SC-31/59

"Sarya" -- A Valuable TV Set From the Soviet
Union, by A. Blueschke, 5 pp.

GERMAN, per, Radio und Fernsehen, No 10,
May 1959, pp 303, 304.

USASIA SC-80a/59

Scientific
Electronics (Contd)

New Technical Points of Interest of Western
German TV Sets, by Werner Taeger, 10 pp.
GERMAN, per, Radio und Fernsehen, No 10,
May 1959, pp 305-308.

USASIA SC-80b/59

TV Link Systems From France, 7 pp.
GERMAN, per, Radio und Fernsehen, No 10,
May 1959, pp 311-313.

USASIA SC-80c/59

New Applications of Photoconductive Cells
in the Field of Photoelectric Relays and
Recording, by Rudolf Strohl, 12 pp.
GERMAN, per, Radio und Fernsehen, Vol VIII,
No 12, Jun 1959, pp 384-387.

USASIA SC-82/59

Radio Observations of Artificial Earth
Satellites, by S. Gejer, O. Rue.
GERMAN, per, Radio und Fernsehen, No 13,
Jul 1959, pp 402-406.

USASIA SC-83c/59

Radar Echoes From the Aurora Borealis, by
Peter Glode.
GERMAN, per, Radio und Fernsehen, No 13,
Jul 1959, pp 415-417.

USASIA SC-83g/59

Some Thoughts on Interplanetary Navigation
and Communication.
GERMAN, per, Radio und Fernsehen, No 13, Jul
1959, pp 418, 419.

USASIA SC-83h/59

Ranges of Signal and Radar Communications in
Interplanetary Space, by Hans-Joachim Fischer.
GERMAN, per, Radio und Fernsehen, No 13,
Jul 1959, pp 419, 420.

USASIA SC-83i/59

Communications Between Space Ship and Earth,
by Heinz Lange.
GERMAN, per, Radio und Fernsehen, No 13,
Jul 1959, pp 421, 422.

USASIA SC-83j/59

The Sarong Cathode, by Fritz Kunze, 3 pp.
GERMAN, per, Radio und Fernsehen, No 15,
Aug 1959, pp 485, 486.

USASIA SC-75c/59

Scientific
Electronics (Contd)

The Goniometer Direction Finder FOS 330,
Type 1310.6 A1, 20 pp.

GERMAN, per, Radio und Fernsehen, No 16,
Aug 1959, pp 492-496.

USASIA SC-86a/59

New Broadcasting Transmission Line Equipments,
by K. Gengelbach, E. Rothe, 19 pp.

GERMAN, per, Radio und Fernsehen, No 16,
Aug 1959, pp 513-517.

USASIA SC-86b/59

Radio and Television in China.

GERMAN, per, Radio und Fernsehen, Vol VIII,
No 17, Sep 1959, pp 540, 541.

USASIA SC-87a/59

Simple Measurements of the Quadripole Char-
acteristics of Transistors. by Ernst Bottke.

GERMAN, per, Radio und Fernsehen, Vol VIII,
No 17, Sep 59, pp 548-551.

USASIA SC-87b/59

Level Conditions in Broadcast Transmission
Lines, by Erwin Rothe, 11 pp.

GERMAN, per, Radio und Fernsehen, No 18,
Sep 1959, pp 576-578.

USASIA SC-88/59

Transistors, by Koeppen, 4 pp.

GERMAN, per, Die Technik, Berlin, 1955,
pp 27-29.

USASIA SC-3/59

Products and Research in the Field of Tele-
vision Engineering in the German Democratic
Republic, by P. Neidhardt.

GERMAN, per, Die Technik, No 9, Berlin, 1959,
pp 617-620.

USASIA SC-6/59

URF-TV Antennas in Practice, by O. Morgenroth.

GERMAN, per, Technische Gemeinschaft, No 8,
1959, pp 287-291.

USASIA SC-106a/59

163 m Height TV Tower in a Height of 1,013 m.

GERMAN, per, Technische Gemeinschaft, No 8,
1959, p 303.

USASIA SC-106b/59

Scientific
Electronics (Contd)

A New Instrument for Recording Global Radiation
in the Ultraviolet-A and Ultraviolet-B Spectral
Range, by Karl Heinz Grasnick, 10 pp.

GERMAN, per, Z fuer Meteorologie Vol XII,
No 1/2, 1958, pp 26-31.

USASIA SC-11/59

Telephone Exchange CB-50, 14 pp.

POLISH, per, Przegląd Łączności, No 10, 1955,
pp 15-26.

525th MI Gp, H-4547

Properties of the Cable Carrier Telephony,
10 pp.

POLISH, per, Przegląd Łączności, No 10, 1955,
pp 42-49.

525th MI Gp, H-4547

The Telephone Exchange CB-50, 12 pp.

POLISH, per, Przegląd Łączności, No 11, 1955,
pp 30-40.

525th MI Gp, H-4548

Diagram of the Sixty-Fold Carrying Telephone,
the K-60, by Antoni Kilinski, 9 pp.

POLISH, per, Tele-Radio Przegląd Zagadnień
Przemysłowych i Eksploatacyjnych, No 1, Aug
1956, pp 29-37.

525th MI Gp, H-4549

The Penetration of Electrolytes Into Cellulose
Fibers, by B. Anderson, O. Samuelson, 23 pp.

SWEDISH, per, Svensk Papperstidning, Vol LXII,
No 21, Nov 1959, pp 775-784.

Natl Bu of Standards

Scientific
Engineering

Dynamic Problems of Cybernetics, by A. S.
Kel'zon, 27 pp.

RUSSIAN, bk, Dinamicheskiye Zadachi
Kibernetiki, publ by Sudpromgiz, Leningrad,
1959, pp 4-19.

JPRS 2283

A Discussion of Reports, 26 pp.

RUSSIAN, bk, Ispol'zovaniye Topograficheskikh
Kart pri Geograficheskikh Issledovaniyakh,
Moscow, 1958, pp 95-116.

JPRS-L-1204-N

Kinetics and Propagation of Flames, by N. L.
Khitrin (Editor), (DC-3435).

RUSSIAN, pamphlet, Kinetika i Rasprostraneniye
Plameni, Moscow, 1959, 51 pp.

*JPRS

Complex Automatization and Mechanization in
Machine Construction, Collection of Articles.

RUSSIAN, bk, Kompleksnaya Avtomatizatsiya
i Mekhanizatsiya v Mashinostroyenii, Sbornik
Statey, Moscow, 1959, pp 60-147.

*ATIC MCL-520/III

Certain Problems in Mechanics.

RUSSIAN, bk, Nekotoryye Voprosy Mekhaniki,
Moscow, 1958, pp 5-54, 55-75, 144-155, 156-161.

*ATIC MCL-518/V

Basic Technology of Hot Forging, by Ya. M.
Okhrimenko, 370 pp.

RUSSIAN, bk, Osnovy Tekhnologii Goryachey
Shtampovki, Moscow, 1957, 328 pp.

ATIC F-TS-9650/V

Semiconductors, by D. N. Nasledov.

RUSSIAN, bk, Poluprovodniki, Moscow, 1959,
pp 22, 23, 27, 29, 30, 42, 44.

*ATIC MCL-500/III

Control of Gas Turbine and Ram Jet Engines,
by L. A. Zalmanzon, B. A. Cherkasov.

RUSSIAN, bk, Regulirovaniya Gazoturbinnnykh
i Pryamotochnnykh Vozdushno-Reaktivnykh
Dvigatelyey, Moscow, 1956, pp 276-279,
279-287, 297-301, 335-339.

*ATIC MCL-501/V

Scientific
Engineering (Contd)

Welding -- Collection of Articles.

RUSSIAN, bk, Svarka -- Sbornik Statey,
Leningrad, 1958, pp 3-15, 166-174, 175-186,
187-193, 201-214.

*ATIC MCL-496/III

Protective-Decorative and Special Metal
Coatings.

RUSSIAN, bk, Zashchitno-Dekorativnyye i
Spetsial'nyye Pokrytiya Metallov, Moscow,
1959, pp 55-61, 95-107.

*ATIC MCL-519/III

Concerning Panels Made of Glass-Fiber
Materials for Heat Insulation of Aircraft
Working Compartments, by A. M. Krutikov.
RUSSIAN, per, Aviatsionnaya Prom, No 1,
1958, pp 7-9.

*ATIC MCL-514/III

Organic Safety Glass, by Z. I. Mikhayeva,
M. M. Gudimov.

RUSSIAN, per, Aviatsionnaya Prom, No 1,
1958, pp 64-66.

*ATIC MCL-514/III

From Experience in X-Ray Inspection of
Large-Scale Parts, by E. V. Borshchev.
RUSSIAN, per, Aviatsionnaya Prom, No 1,
1958, pp 77, 78.

*ATIC MCL-514/III

Electromagnetic Stroke Counter, by V. I.
Semenov.

RUSSIAN, per, Aviatsionnaya Prom, No 1,
1958, p 94.

*ATIC MCL-514/III

Concerning Standardization of Geometric
Elements of Blades, by V. A. Maksimov,
I. I. Nayumov.

RUSSIAN, per, Aviatsionnaya Prom, No 2,
1958, pp 3-6.

*ATIC MCL-515/III

On the Problem of Standardizing Blueprints
for Turbine Blades of Gas Turbine Engines
and of Determination of Dimensional
Accuracies, by S. P. Bardashev.

RUSSIAN, per, Aviatsionnaya Prom, No 2,
1958, pp 6-14.

*ATIC MCL-515/III

Scientific
Engineering (Contd)

Standardization of Longitudinal Beams of
Jigs, by B. D. Protopopov.

RUSSIAN, per, Aviatsionnaya Prom, No 2,
1958, pp 24-26.

*ATIC MCL-515/III

Unification of Technological Equipment-
Important Reserve of Production, by G. B.
Deych, V. N. Shakhurin.

RUSSIAN, per, Aviatsionnaya Prom, No 2,
1958, pp 27-32.

*ATIC MCL-515/III

Vacuum Device for Impregnation of Parts With
Liquid Glass, by Yu. I. Sokolov.

RUSSIAN, per, Aviatsionnaya Prom, No 2,
1958, pp 35-40.

*ATIC MCL-516/III

Control of Temperatures of Plates of Hydraulic
Presses With Aid of Correcting Adapters, by
G. A. Gusev.

RUSSIAN, per, Aviatsionnaya Prom, No 2,
1958, pp 63, 64.

*ATIC MCL-515/III

Combination of Materials During Pressing
of Parts From Plastic, by I. G. Gurtovnik.

RUSSIAN, per, Aviatsionnaya Prom, No 2,
1958, p 73.

*ATIC MCL-515/III

Grouping Multi-Purpose Lathes for Production
of Parts of Devices, by Ya. V. Libov.

RUSSIAN, per, Aviatsionnaya Prom, No 5,
1958, pp 46-54.

*ATIC MCL-517/III

Assembly and Control of Floated-Type
Gyroscopes, by V. A. Berezenstev.

RUSSIAN, per, Aviatsionnaya Prom, No 5,
1958, pp 58, 59.

*ATIC MCL-517/III

Devices for Inspection of Parts of Plunger
and of Slide Couples, by O. P. Belovskaya.

RUSSIAN, per, Aviatsionnaya Prom, No 5,
1958, pp 60-64.

*ATIC MCL-517/III

Scientific
Engineering (Contd)

Flat Coiled Thin-Walled Electrically Welded
Tubes, by G. V. Rayevskiy.

RUSSIAN, per, Avtomat Svarka, No 5, 1956,
pp 22-30.

DSIR LLU RTS 1282

Desulphurizing Capacity of Fluxes in
Electro-Slag Welding, by Yu. M. Zaitsev,
G. S. Tyagun-Belous.

RUSSIAN, per, Avtomat Svarka, No 11, 1958,
pp 57-60.

HB 4685

Scientific Seminar on Pneumatic-Hydraulic
Automation, by A. I. Semikova, 8 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XX,
No 10, 1959, pp 1435-1438.

JPRS-2214-N

Should Cable Be Protected by Brick?, 2 pp.
RUSSIAN, per, Avtomat Telemekh i Svyaz, No 9,
1957, p 39.

USASIA SC-99b/59

Infra-Red Heating in the Production of
Concrete, by B. V. Spektor.

RUSSIAN, per, Beton i Zhalezobeton, No 7,
Moscow, 1956, pp 264-266.

Dept of Interior
Bu of Reclam
Tech Lib
Denver, Colo.

Hydroturbine Noise, by S. B. Stopskiy.
RUSSIAN, per, Elek Stants, No 4, 1958,
pp 22-25.

DSIR LLU RTS 1300

Measuring Blade Damping Decrement in a
Turbine Rotor With an Electric Timer, by
A. S. Kosman.

RUSSIAN, per, Elek Stants, Vol XXIX, No 12,
1958, pp 35-38.

DSIR LLU M.1272

Cavitation Erosion in the Blades of High-
Power Hydraulic Turbines, by I. R. Kryanin.
RUSSIAN, per, Energomash, No 3, 1955,
pp 14-18.

DSIR LLU M.943

The Effect of Flow Rotation and Angle of
Attack on the Inlet Side of a Centrifugal
Compressor Rotor, by S. P. Livshits.
RUSSIAN, per, Energomash, No 12, 1958,
pp 15-20.

DSIR LLU RTS 1219

Scientific
Engineering (Contd)

Conference on the Static Strength of Turbo-
Machine Elements, by V. I. Rozenblyum, 3 pp.
RUSSIAN, per, Energomash, No 6, 1959, p 30.

JPRS-2153-N

Transportable Gas Appliances and the Filling
of Small-Capacity Gas Cylinders, by N. I.
Ryabtsev, V. G. Elkin, 6 pp.
RUSSIAN, per, Gaz Prom, No 7, 1959, pp 24-27.

LLU Tr Bul
Dec 59

Determination of Permeability by the Electrical
Resistance Method, by L. A. Buryakovskiy.
RUSSIAN, per, Geol Neft i Gaza, Vol III,
No 1, 1959, pp 47-51.

ATS RJ-1829

Session on Convective Heat Exchange, by
G. D. Rabinovich, 4 pp.
RUSSIAN, per, Inzhenemo-Fiz Zhur, No 9,
1959, pp 111, 112.

JPRS-2122-N

Stresses in a Rotating Disc During Creep,
by A. G. Kostyuk.
RUSSIAN, per, Inzhenernyi Sbornik, Vol XV,
1953, pp 15-20.

DSIR LLU M.942

The Influence of Pressure and Temperature on
the Viscosity of Aqueous Solutions of
Electrolytes and of Oil-Field Waters, by
T. P. Zhuze, V. I. Sergeyevich.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, No 5, 1956, pp 156-163.

ATS RJ-1831

Peculiarities of the Neutral Load Curve, by
A. M. Zhukov.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, No 8, 1958, pp 32-40.

DSIR LLU RTS 1329

Flow Around a Conic Body During Motion of a
Gas With High Supersonic Speed, by A. L.
Gonor, 10 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Mekh i Mash, No 1, Jan/Feb 1959, pp 34-40.

JPRS-L-1188-N

Scientific
Engineering (Contd)

Calculation of Axisymmetric Jet Nozzle of
Least Weight, by L. Ye. Sternin, 9 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Mekh i Mash, No 1, 1959, pp 41-45.

JPRS-L-1188-N

Experimental Investigation of Self-Oscillations
of Square Plates in Supersonic Flow, by G. N.
Mikishev, 8 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Mekh i Mash, No 1, 1959, pp 154-157.

JPRS-L-1188-N

Self-Oscillating Systems in the Presence of
Slowly Changing External Influences, by
A. A. Pervozvanskiy, 7 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Mekh i Mash, No 1, 1959, pp 158-161.

JPRS-L-1188-N

One Approximation Method of Investigating
Self-Oscillating Systems in the Presence of
Slowly Changing External Influences, by
V. I. Sergeyev, 5 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Mekh i Mash, No 1, 1959, pp 162-164.

JPRS-L-1188-N

On the Motion of a Slender Solid Body Under
the Action of a Strong Shock Wave, by S. S.
Grigoryan, 4 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Mekh i Mash, No 1, 1959, pp 165, 166.

JPRS-L-1188-N

Useful Interference of an Airfoil and
Fuselage in Hypersonic Velocities, by G. L.
Grodzovskiy, 6 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Mekh i Mash, No 1, 1959, pp 170-173.

JPRS-L-1188-N

Flow Around Bodies by a Non-Ideal Gas Flow
With High Supersonic Velocities, by G. A.
Lyubimov, 5 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Mekh i Mash, No 1, 1959, pp 173-175.

JPRS-L-1188-N

Scientific
Engineering (Contd)

Nonlinear Problems of Stability of Flat Panels at High Supersonic Speeds, by V. V. Bolotin, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 3, May/Jun 1959, pp 59-64.

JPRS-L-1188-N

Supersonic Flow Around Flat Quasitriangular Wings of Small Length, by P. O. Zheludev, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 3, May/Jun 1959, pp 202, 203.

JPRS-L-1188-N

One Form of Equations of Supersonic Gas Flow, by F. S. Churikov, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 3, May/Jun 1959, pp 204-206.

JPRS-L-1188-N

Estimation of the Permissible Irregularity of Rotation of a Reversible Table for Testing Floated Integrating Gyroscopes for Drift, by G. A. Slomyanskiy, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 3, May/Jun 1959, pp 211, 212.

JPRS-L-1188-N

All-Union Conference on Static Stability of Turbomachinery, by Ye. I. Boldyrev, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 3, May/Jun 1959, pp 213, 214.

JPRS-L-1188-N

On the Effect of the Bright Strip Upon the Strength of the Weld Metal in Resistance Butt Welding, by A. M. Dzhafarov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Neft i Gaz, No 8, 1958, pp 115-119.

DSIR LIU RTS 1264

Conference on the Theory and Practice of the Use of Transistors, by A. A. Shorstoboyev, 4 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved - Radiotekh, No 4, Kiev, Jul 1959, pp 501, 502.

JPRS-2143-N

Scientific
Engineering (Contd)

Improved Resistance of Stainless Steel
Welds to Intergranular Corrosion, by
G. G. Pochepstova.
RUSSIAN, per, Khim Mash, No 6, Nov/Dec 1959,
pp 38-40.

HB 4727

Hydrotape Method for Film Copy Printing,
by V. Zabello, 6 pp.
RUSSIAN, per, Kinomekhanik, No 4, 1959,
pp 30, 31.

Patent Office

An Instrument for Determining Dust Concentra-
tion in Coke Oven Gas, by T. P. Varshavsky,
et al.
RUSSIAN, per, Koks i Khim, No 8, 1958,
pp 18-20.

DSIR LLJ M.655

Pressure Die Casting Under Vacuum, by M. L.
Zaslavskiy.
RUSSIAN, per, Lit Proiz, No 7, 1958, pp 6-8.

HB 4612

Friction Welding Machines, by V. I. Vill,
L. A. Shternin.
RUSSIAN, per, Mashinostroitel, No 6, 1958,
pp 38, 39.

TIL 4978

Investigation of the Process of Automatic
Driving of a Tractor, by S. A. Litinskiy.
RUSSIAN, per, Mekh i Elek Sotsial Sel'skogo
Khoz, No 2, 1958, pp 25-31.

DSIR LLJ RTS 1212

Calculations in the Design of Jibs Suspended
on Flexible Cords, by V. M. Korobov.
RUSSIAN, per, Mekh Stroitel, Vol IX, No 2,
1952, pp 6-9.

DSIR LLJ M.946

Effect of Temperature and Preceding Heat
Treatment on Rupture Strength of an As-Cast
and Wrought [Magnesium] Alloy, by A. A.
Bochvar, et al.
RUSSIAN, per, Metal i Obra Metallov, No 11,
1958, pp 32-37.

HB 4430

Scientific
Engineering (Contd)

Influence of Construction Details of
D'iakonov's Apparatus Upon Its Inter-
ceptive Capacity, by A. E. Vershigora.
RUSSIAN, per, Mikrobiol Zhur, Vol XX, No 1,
1958, pp 60-63.

*USDA

Mechanized Charging of Furnaces For the
Production of Ferroalloys, by V. M. Grebenik,
et al.

RUSSIAN, per, Nauch Dok Vysshey Shkoly,
Metal, No 1, Jan/Mar 1959, pp 68-72.

HB 4688

Computer Engineering and Cybernetics in the
Ukraine, by V. Glushkov, 4 pp.
RUSSIAN, np, Pravda Ukrainy, No 265 (5377),
Kiev, 14 Nov 1959, p 3.

JPRE-1149-D

A Theory of Transient Creep, by L. M.
Kachanov.

RUSSIAN, per, Prik Matemat i Mekh, Vol XIII,
1949, pp 381-390.

DSIR LLU M.945

New Type of Dryer for the Ceramic Industry,
by M. F. Zonnenberg, S. A. Demashkin.
RUSSIAN, per, Prom Stroitel Matemat, Vol II,
No 12, 1940, p 33-.

DSIR LLU M.1220

New Continuous Mechanized Installation for
Fish Smoking, by A. A. Kalitin.

RUSSIAN, per, Rybnoye Khoz, No 2, 1959,
pp 61-64.

DSIR LLU RTS 1304

Engines for Space Ships, by Yu. Nechayev, 4 pp.
RUSSIAN, np, Sovet Aviatsiya, 9 Oct 1959, p 4.

AF 1256351

Energy Problems of Blast Furnace Operation
at Elevated Pressures, by N. E. Kunakov.
RUSSIAN, per, Stal, Jul 1955, pp 637-639.

*BISI 1583

Works Method for Determining the Reducibility
of Sinter, by T. A. Kramnik.

RUSSIAN, per, Stal (Blast Furnace Production
Supplement), 1958, pp 16-25.

*HB 4731

Scientific
Engineering (Contd)

A Rational Plant Control Method for the Reducibility of Sinter, by A. G.

Meyasov.

RUSSIAN, per, Stal (Blast Furnace Production Supplement), 1958, pp 26-43.

*HB 4732

Roll Pass Design for the Manufacture of Special-Section Welded Tubes, by E. M. Krichevskiy.

RUSSIAN, per, Stal (Rolling and Tube Manufacture Supplement), 1959, pp 160-170.

BISI 1521

New Methods of Determining the Forces in Cylindrical Grinding, by M. I. Dabchinitsers.

RUSSIAN, per, Stanki i Inst., No 2, 1941, pp 20-22.

DSIR LLU M.1101

Arrangement of Portals for Vertical Lathes, Planing Machines and Plano-Milling Machines, by V. V. Kaminskaya, R. M. Pralusevich.

RUSSIAN, per, Stanki i Inst., Vol XXVIII, No 6, 1957, pp 1-4.

DSIR LLU RTS 1237

Cast Saggars, by R. T. Makhl.

RUSSIAN, per, Steklo i Keramika, Vol XII, No 4, 1936, p 26-.

DSIR LLU M.1180

The Casting of Saggars, by G. P. Filintzev.

RUSSIAN, per, Steklo i Keramika, Vol XIV, No 6, 1938, p 23-.

DSIR LLU M.1181

Experience With a Tunnel Kiln, by G. A. Biriukov.

RUSSIAN, per, Steklo i Keramika, Vol VI, No 2, 1949, p 15-.

DSIR LLU M.1196

Toggle-Lever Presses for the Pressing of Tiles, by L. Ya. Mishulovich.

RUSSIAN, per, Steklo i Keramika, Vol VI, No 10, 1949, p 20-.

DSIR LLU M.1197

Designing Houth-Pieces for Perforated Bricks, by V. I. Kordyukov.

RUSSIAN, per, Steklo i Keramika, Vol VI, 1949, p 17-.

DSIR LLU M.1202

**Scientific
Engineering (Contd)**

Tunnel Kiln in the Brick and Pottery Industries, by M. M. Naumov.
RUSSIAN, per, Steklo i Keramika,
Vol VII, No 9, 1950. pp 13-.

DSIR LLU M.198

The Rapid Firing of Bricks by Duvanov's Method, by B. N. Gak, G. A. Kalantar.
RUSSIAN, per, Steklo i Keramika, Vol XVIII,
No 3, 1951, p 17-.

DSIR LLU M.1199

The Firing of Bricks With Fuel Introduced Into the Raw Mix During Shaping, by M. M. Naumov.
RUSSIAN, per, Steklo i Keramika, Vol IX,
No 8, 1952, p 17-.

DSIR LLU M.1201

The Building of Large Fishing Trawlers, by E. M. Gorbenko, 14 pp.
RUSSIAN, per, Sudostroyeniye, No 5, 1959,
pp 33-37.

LLU Tr Bul
Jan 60

Cooling of Thin Steel Sheets in Spot Welding, by S. A. Adasinskiy.
RUSSIAN, per, Svaroch Proiz, No 8, 1955,
pp 6-8.

DSIR LLU M.577

The Effect of Low-Frequency Vibrations on Metal Crystallization in the Weld Pool and on the Properties of the Weld Metal, by V. L. Russo, P. N. Efimov.
RUSSIAN, per, Svaroch Proiz, No 11, 1958,
pp 10-12.

DSIR LLU RTS 1200

Ultrasonic Testing of the Weld Seams of Welded Cast Steel Structures, by I. N. Ermolov.
RUSSIAN, per, Svaroch Proiz, No 11, 1958,
pp 29-32.

DSIR LLU RTS 1265

Some Methods, and Their Effectiveness, for Prevention of Deformation During the Welding of Overhead Crane Bridges, by N. O. Okerblom, I. P. Baikova.
RUSSIAN, per, Svaroch Proiz, No 12, 1958,
pp 1-5.

DSIR LLU RTS 1206

**Scientific
Engineering (Contd)**

The Fatigue Strength of Butt-Jointed
I-Beams, by R. Z. Manilova.

RUSSIAN, per, Svaroch Proiz, No 12, 1958,
pp 9-13.

DSIR LLU RTS 1208

Development of the Technology and Equip-
ment for Welding Unrotated Butt Joints
of Large Diameter Pipes, by A. S. Fal'kevich,
Yu. I. Marchenko.

RUSSIAN, per, Svaroch Proiz, No 2, 1959,
pp 8-12.

DSIR LLU RTS 1423

A Method for Calculating the Sensitometric
Parameters for Colour Correction With
Separate Masks, by L. F. Artyushin.

RUSSIAN, per, Tekh Kino i Televideniya, No 2,
1958, pp 13-21.

DSIR LLU RTS 1277

The Automatic Motorman, by V. Pospelov.

RUSSIAN, per, Tekhnika Molodezhi, No 12,
1958, pp 35, 36.

DSIR LLU RTS 1313

A Fragment of the Sun (Silicon Solar Batteries),
by F. Nabyullin.

RUSSIAN, per, Tekhnika Molodezhi, No 10,
1959, pp 18-21.

*ATIC MCL-502/III

Dyeing of Staple Fibre With Vat Dyes in
Centrifugal Apparatus, by K. Z. Altman.

RUSSIAN, per, Tekstil Prom, Vol XVIII, No 4,
1958, pp 58, 59.

DSIR LLU M.634

The Energy Consumed in the Process of Cutting
Coal With Mining Machines, by N. N. Ignatov.

RUSSIAN, per, Tekstil Prom, No 1, 1959,
pp 16-19.

DSIR LLU RTS 1317

An Aerodynamic Method of Hot-Damping Tops
and Roving, by A. I. Dudnik.

RUSSIAN, per, Tekstil Prom, No 1, 1959,
pp 31-33.

DSIR LLU RTS 1368

Scientific
Engineering (Contd)

The Smoothing of Air Flow in the Humidifying Section of Pressure Humidifying Chambers, by S. A. Klyugin.

RUSSIAN, per, Tekstil Prom, No 1, 1959, pp 59, 60.

DSIR LLU RTS 1378

Twin-Tape Drawing Mechanisms of Cotton Spinning Machines and Ways of Improving Their Operation, by E. V. Shmakov.

RUSSIAN, per, Tekstil Prom, No 1, 1959, pp 65-69.

DSIR LLU RTS 1381

The Reconstruction of ChT-21-Sh Hackling Machines, by V. P. Varzha, A. A. Piktis.

RUSSIAN, per, Tekstil Prom, No 1, 1959, pp 71-73.

DSIR LLU RTS 1383

On the Operation of a Reducing Ager, by A. A. Naddachin.

RUSSIAN, per, Tekstil Prom, No 1, 1959, pp 88, 89.

DSIR LLU RTS 1390

The Inspection of Fast-Rotating Parts of Spinning and Twisting Machines to Prevent Vibration, by A. E. Zhidovich.

RUSSIAN, per, Tekstil Prom, No 1, 1959, pp 89-91.

DSIR LLU RTS 1391

Measurement of Pulverized Coal Flow in an Air Stream, by P. A. Antikain.

RUSSIAN, per, Teploenergetika, Vol III, No 12, 1956, pp 35-37.

DSIR LLU M.554

The Effect of the Moved Back Transition Zone in Uniflow Boilers Operating at Supercritical Pressures, by M. A. Styrikovich, et al.

RUSSIAN, per, Teploenergetika, No 8, 1959, pp 33-37.

DSIR LLU RTS 1349

A Folding Press for Seaming Sheet Metal, by B. S. Khomyak.

RUSSIAN, per, Traktory i Sel'khoz mash, No 1, 1958, pp 36, 37.

TIL 4999

Scientific
Engineering (Contd)

Researches in the Field of Rolling Contact Bearings, by N. A. Spitsyn.

RUSSIAN, per, Vest Mash, Vol XXXVIII, No 3, pp 3-8.

DSIR LLU RTS 1301

Automized Diesel-Generator Installations for Radio Relay Lines and Communications Enterprises, by G. S. Lyubskiy, 6 pp.

RUSSIAN, per, Vest Svyazi, No 7, 1959, pp 7, 8.

USASIA SC-44b/59

Coefficients of Resistance of Large Diameter Valves and Throttle Valves, by L. E. Rode.

RUSSIAN, per, Vodosnabzheniye i San Tekh, No 9, 1958, pp 10-14.

DSIR LLU RTS 1267

Preparing Motor Vehicles for the Winter.

RUSSIAN, per, Za Bezopasnost' Dvizheniya, No 6, 1958, pp 14, 15.

DSIR LLU RTS 1284

Principles of Design of Laboratory Electric Furnaces With Carbon Tube Elements, by

A. S. Mikulinskiy, P. V. Gel'd.

RUSSIAN, per, Zavod Lab, Vol X, No 5, 1941, p 523.

DSIR LLU M.1176

An Unusual Girder, by V. Golovinskiy.

RUSSIAN, per, Znaniye-Sila, No 10, 1959, p 29.

*ATIC MCL-503/III

Development of the High Quality Seamless Tubes Manufacture for the Exploitation of Petroleum and for Geological Research, by O. Pejcoch, J. Cervený.

CZECH, per, Hutnicke Listy, No 1, 1958, pp 2-8.

BISI 1504

The Surfacing of Pilger Rolls of Rolling Mills, by O. Pejcoch, J. Kuznik.

CZECH, per, Hutnicke Listy, No 2, 1959, pp 173-184.

BISI 1507

~~Scientific~~
Engineering (Cont)

Electrical Engineering in the Soviet Cosmic Rocket, by A. Halek, 1 pp.

CZECH, per, Sdelovaci Technika, No 3, 1959, pp 82.

USASIA SC-95a/59

Information Engineering, by Jiri Wanke, 14 pp.
CZECH, per, Sdelovaci Technika, No 3, 1959, pp 85-88.

USASIA SC-95d/59

Soft Magnetics of Soviet Production, by Zdenek Tischer, 7 pp.
CZECH, per, Sdelovaci Technika, Vol VII, No 4, 1959, pp 131, 132.

USASIA SC 96b/59

Selection of Blowers for Cupolas.
FRENCH, per, Jour d'Information Tech Ind Fonderie, Jan 1959, pp 1-3.

BISI 1502

Problems Relating to Wheels, by P. Ravenet, J. Bouley.
FRENCH, per, Rev Gen Chemins de Fer, Nov 1959, pp 684-686.

BISI 1536

Problems Relating to the Braking of Trains, by M. Laplaiche.
FRENCH, per, Rev Gen Chemins de Fer, Nov 1959, pp 687-697.

BISI 1537

Sintering Considerations -- An Example of Application -- Sintered Alumina Cutting Tools, Part I, by L. Gion.
FRENCH, per, Silicates Ind, May 1958, pp 241-247.

*BISI 1558

Sintering Considerations -- An Example of Application -- Sintered Alumina Cutting Tools, Part II, by L. Gion.
FRENCH, per, Silicates Ind, Jun 1958, pp 327-332.

*BISI 1559

Suspension Device for Motor Vehicles Provided With Telescopic Shock Absorbers, by Gustavo Ogliari, 3 pp.
FRENCH, Patent No 1,044,393.

Patent Office

Scientific
Engineering (Contd)

Improvements in Telescopic Shock Absorbers
for Vehicles, 3 pp.

FRENCH, Patent No 1,059,988, Societe a
Responsibilite Limitee Dite.

Patent Office

Portable Partition Unit and Locking Means
Therefor, by William Gerald French, 15 pp.
FRENCH, Patent No 1,142,370.

Patent Office

Flat Car Utilizable for the Transportation
of Vehicles, 7 pp.
FRENCH, Patent No 1,175,883, Societe Anonyme
Dite: Societe Nouvelle des Ateliers de
Venissieux.

Patent Office

Nondestructive Materials Testing According
to the Magnetic Particle Technique. III.
Recent Technical Innovations, by H. J.
Marschall.

GERMAN, per, Archiv fuer Technisches Messen
u Industrielle Messtechnik, Aug 1959,
pp 161-164:

*BISI 1590

Recent Developments and Applications of
Prestressed Concrete With Examples of
Structures Built, by Hans Wittfoht.
GERMAN, per, Beton- und Stahlbetonbau,
Vol LIII, No 4, 1958, pp 73-85.

Dept of Interior
Bu of Reclam
Tech Lib
Denver, Colo.

Electrolytic Polishing of Tube Bores, by
E. Stoeckl.
GERMAN, per, Blech, Oct 1959.

*BISI 1620

Automatization and Mechanization of Measuring
Technology in the Czechoslovak Republic, by
A. Grim.
GERMAN, per, Feingeraete Technik, No 1, 1955,
Berlin, pp 17, 18.

USASIA SC-9a/60

A New Diaphragm Colorimeter, by M. I.
Nasser, 18 pp.
GERMAN, per, Feingeraete Technik, No 9, 1959,
pp 396-401.

USASIA SC-63/59

**Scientific
Engineering (Contd.)**

The Dresden Technical College Institute of Electrical and Mechanical Precision Instrument Construction, A Success of the GDR, by S. Hildebrand, 13 pp.
GERMAN, per, Feingeraete Technik, No 10, 1959, pp 430-433.

USASIA SC-65b/59

Meyer-Optics, A World-Renowned Name for Products of the Goerlitz VEB Precision Optics Plant, by D. Juetjens, 5 pp.
GERMAN, per, Feingeraete Technik, No 10, 1959, pp 452, 453.

USASIA SC-65a/59

Porosity in Steels Castings, by R. Wlodawer.
GERMAN, per, Giesserei, 14 Jan 1960, pp 1-7.

*BISI 1608

A New Photomultiplier M 12 FS, by Jens Joachim Pohl, Gottfried Wolf, 17 pp.
GERMAN, per, Jenaer Rundschau, Vol IV, Aug 1959, pp 113-119.

USASIA SC-71/59

Instrument for the Observation of Protuberances, by Ludwig Meier, 6 pp.
GERMAN, per, Jenaer Rundschau, Vol IV, Aug 1959, pp 122, 123.

USASIA SC 71/59

Stainless Steel Bolts for Aircraft, by E. Richter.
GERMAN, per, Luftfahrttechnik, 15 Feb 1959, pp 58-60.

BISI 1525

Recent Developments in the Construction of Pistons for Internal Combustion Engines, by K. Schneider, A. Nitsch.
GERMAN, per, Metall, No 5/6, 1956, pp 205-211.

Aluminium Lab, Ltd

On the Dependence of Measured Physical Characteristics on the Sintering Temperature for Ferrites, by H. Hultschig, 7 pp.
GERMAN, per, Nachrichtentechnik, Vol IX, No 9, 1959, Berlin, pp 390, 391.

USASIA SC-78a/59

**Scientific
Engineering (Contd)**

Electrical Measurements of Soft Magnetic Ferrites, by H. Henninger, H. Rudloff, G. Engelhardt, 14 pp.

GERMAN, per, Nachrichtentechnik, Vol IX, No 9, 1959, Berlin, pp 392-395.

USASIA SC-786/59

Basic Roofs for Heavy Duty Furnaces, by L. Huetter.

GERMAN, per, Radex Rund, No 5, 1959, pp 629-639.

*BISI 1601

Measuring and Control Plant at the Experimental Converter of Phoenix Rheinrohr at Duisburg Ruhrort, by K. Ewe.

GERMAN, per, Regelungstechnik, Jul 1959, pp 248-253.

BISI 1485

Internal Stresses in Hot-Rolling Rolls Induced by Service Stress, by H. Buehler. GERMAN, per, Stahl u Eisen, 28 Nov 1957, pp 1740-1747.

*BISI 1595

Development of Drives and Electrical Machines in Rolling Mills, by W. Nuernberg.

GERMAN, per, Stahl u Eisen, 14 May 1959, p 694.

*BISI 1550

Measuring the Degree of Deformation in Skin-Pass Rolling, by J. Billigmann, et al.

GERMAN, per, Stahl u Eisen, 9 Jul 1959, pp 977-989.

*BISI 1412

Determination of Time Standards and Production, Control in the Grinding and Deseaming of Billets on the Basis of Statistical Analysis of Performance, by J. Wolf.

GERMAN, per, Stahl u Eisen, 23 Jul 1959, p 1075.

*BISI 1548

Tests to Determine Roll Forces and Power Requirements in a Mannesmann Oblique Rolling Mill, by A. Geleji, et al.

GERMAN, per, Stahl u Eisen, 17 Sep 1959, pp 1352-1356.

BISI 1490

Scientific
Engineering (Contd)

Fatigue Cracks in Composite Back-Up

Rolls for Cold Mills, by P. Funke.

GERMAN, per, Stahl u Eisen, 1 Oct 1959,
pp 1430, 1431.

BISI 1560

Construction and Operation of Rolling Mill

Furnaces in Four Decades, by K. O. Borchers.

GERMAN, per, Stahl u Eisen, 29 Oct 1959,
pp 1591-1601.

*BISI 1552

Surface Roughness of Hot-Drawn (Ehrhardt
Process) and Cold-Drawn Steel Tubes, I and II,
by H. Muehlenweg.

GERMAN, per, Stahl u Eisen, 26 Nov 1959,
pp 1792-1800.

*BISI 1586

Surface Roughness of Hot-Drawn (Ehrhardt
Process) and Cold-Drawn Steel Tubes, Part
III, by H. Muehlenweg.

GERMAN, per, Stahl u Eisen, 10 Dec 1959,
pp 1844-1852.

*BISI 1586

Ring Rolling and the Construction of Ring
Mills, by K. H. Weber.

GERMAN, per, Stahl u Eisen, 24 Dec 1959,
pp 1912-1923.

*BISI 1555

The Design of the Outlines and of the Charging
Equipment of Blast Furnaces, by H. T. Brandt.

GERMAN, per, Stahl u Eisen, 21 Jan 1960.

*BISI 1605

The Determination of the Operating Conditions
of Steelworks Cranes and Checking the Basis
for Selecting the Dimensions, by O. Svenson,
W. Schweer.

GERMAN, per, Stahl u Eisen, 21 Jan 1960,
pp 79-90.

*BISI 1621

Rockets in the Past, Present, and Future (Part
II), by H. A. Vilter, 17 pp.

GERMAN, per, Die Technik, No 6, Berlin 1959,
pp 393-398.

USASIA SC-89/59

Engineering (Contd)

Appropriate Depth of Hardening in Surface Hardening Gear Teeth, by H. Glaubitz.
GERMAN, per, VDI Zeit, 21 Feb 1958, pp 216-226.

BISI 1342

Dismountable Wall With Vertical Metal Posts, by Ernst Koller, 11 pp.
GERMAN, Swiss Patent No 291,053.

Patent Office

Adjusting Device for the Rolls of Rolling Mills, 5 pp.
GERMAN, Patent No 583,257, Fried Krupp Grusonwerk Akt.-Ges.

Patent Office

Arrangement in Repeater Set for Optical Superimposition of a Radar Image Without Fixed Target Echo Elimination Onto a Radar Image With Fixed Echo Target Elimination, Inventor Hans Heinrich Meinke, 7 pp.
GERMAN, Patent No 1,040,625, Pintsch-Electro G.m.b.H.

Patent Office

Results of Power Measurements Made During Production of Tubes by the Ehrhardt Process, by A. Geleji, et al.
HUNGARIAN, per, Acta Techn Acad Scient Hungaricae, No 3-4, 1958, pp 395-412.

*BISI 1564

The Grinding of Coal for the Production of Coke. II. Disintegrating and Impact Hammer Type Mills, by Vl. Charvat.
ITALIAN, per, Paliva, No 6, 1956, pp 185-192.

*BISI 1581

Test Report on Sound Wave Propagation Testing Mechanisms, 11 pp.
JAPANESE, rpt, pp 1-12.

ATIC F-TS-9565/V

Effect of Vacuum Melting on Mechanical Properties of Cast Iron, by M. Kikuchi, I. Iitaka.
JAPANESE, per, Imono, Vol XXX, No 4, 1958, pp 231, 232.

HB 4312

Scientific
Engineering (Contd)

Reduction Reactions in the Blast Furnace,
by K. Wakabayashi.
JAPANESE, per, Tetsu to Hagane, Vol XLV,
No 3, 1959, pp 183-185.

HB 4723

Contributions Towards the Establishment
of a Method for the Calculation of the
Capacity of Grinding Machinery, by I.
Huber Panu, Emil Popa, 30 pp.
RUMANIAN, per, Acad Rep Populare Romine,
Cercetari Met, Vol II, 1957, pp 499-522.

AEC NP Tr 319

Evaluation of the Plans for an Interoceanic
Canal by Way of the Napipi and the Truando
Rivers, on Geological Considerations, by
E. Hubach, 57 pp.
SPANISH, per, Bol Minas y Petrol (Mexico),
Vol III, No 13, 1930, pp 15-34.

AEC SCL T-223

Process and Apparatus for Separating or
Fractionating Dispersions, by N.A.L. Wikdahl,
6 pp.
SWEDISH, Patent No 154,758.

Patent Office

Scientific
Fuels

Oils for Gas Turbine Engines (Lubricants for Aviation Gas Turbine Engines), by V. V. Panov, Yu. S. Sobolev, 46 pp.
RUSSIAN, bk, Masla Dlya Aviatsionnykh Gazo-
turbinnykh Dvigatelyey, Moscow, 1958, pp 44-
82.

ATIC MCL-185/V

Deeromatization and Desulfurization of Diesel Fractions by Diethylene Glycol, by I. L. Gurevich, 18 pp.
RUSSIAN, monograph, Pererabotka Nefti, Vol II, 1958, pp 172-187.

AF 1256378

Dispersion of Insoluble Sediment Forming in Fuels Upon Heating.
RUSSIAN, per, Khim i Tekh Top i Masel, No 11, 1959, pp 23-28.

*AID

Dielectric Heating. High-Frequency Sintering of Coal Preforms, by Yu. B. Tyutyunnikov.
RUSSIAN, per, Koks i Khim, No 12, 1957, pp 22-26.

DSIR LLU M.789

A Method of Analyzing and Predicting the Structural Strength of Coke, by N. S. Gryaznov.
RUSSIAN, per, Koks i Khim, No 7, 1958, pp 16-22.

DSIR LLU M.654

Fundamental Factors in the Pressing of Naphthalene Oils, by V. M. Tamarin.
RUSSIAN, per, Koks i Khim, No 8, 1958, pp 40-44.

DSIR LLU M.865

The Quality of Benzole Wash Oil, by V. N. Shevlyagin.
RUSSIAN, per, Koks i Khim, No 9, 1958, pp 32-36.

DSIR LLU M.866

Information on the Physicochemical Properties of Pitch Distillates, by A. N. Chistyakov, I. Ya. Boyev.
RUSSIAN, per, Koks i Khim, No 9, 1958, pp 39-42.

DSIR LLU M.863

Scientific
Fuels (Contd)

Greater Attention to Peat as a Local Fuel,
by E. D. Penkovoy.
R MAH, per, La Ekho Topliva, No 2, 1951,
pp 36-.

DSIR LLU M.996

The Burning of Ash-Bearing Coal, by L. A.
Vulis.
RUSSIAN, per, Zhur Tekh Fiz, Vol X, 1940,
p 1959.

DSIR LLU M.1218

Scientific
Geophysics

Laws Governing the Physical Processes
in the Boundary Layer of the Atmosphere
in the Arctic, by D. L. Laikhtman, 24 pp.
RUSSIAN, bk, 1958, pp 26-42, (of 232 pp.).

Amer Meteorol Soc
AF Cambridge Res Center

Surface Active Plan on the Sea, by V. V.
Shuleykin.
RUSSIAN, bk, Fizika Moria, Part VIII, Moscow,
1953, pp 786-810.

*NRL

Current Measurements in the Southwestern Part
of the Indian Ocean by the Electromagnetic
Method, by K. V. Morozhkin.
RUSSIAN, bk, Informatsionnyi Byulleten' Sovet-
skoy Aktarkticheskoy Ekspeditsii, No 7, Leningrad,
1959, pp 22-25.

*Navy/RO 95

Correlation Method of Refracted Waves, by
G. Gamburtsev, et al, (NY-3563).
RUSSIAN, bk, Korrelyatsionnyy Metod
Prelomlennykh Voln, Moscow, 1952, 239 pp.

*JPRS

Scientific Conference on Problems of Antarctic
Meteorology, (DC-3446).
RUSSIAN, pamphlet, Nauchnaya Konferentsiya po
Probleмам Meteorologii Antarktiki, 1959,
pp 3-48.

*JPRS

Glaciological Investigations According to the
Program of the IGY on Franz Josef Land, by
M. G. Grosswald, Sukhodrovskiy, (NY-3628).
RUSSIAN, bk, Opisaniye Ob'yektov Glyatsiologi-
cheskikh Issledovaniy, Provodimykh Po Programme
Mezhdunarodnogo Geofizicheskogo Goda Na
Territorii Sovetskogo Soyuz, 1958, pp 4-18.

*JPRS

Description of the Points of Observation of the
Novaya Zemlya Glaciological Expedition, by
N. M. Svatkov, (NY-3628).
RUSSIAN, bk, Opisaniye Ob'yektov Glyatsiologi-
cheskikh Issledovaniy, Provodimykh Po Programme
Mezhdunarodnogo Geofizicheskogo Goda Na Ter-
ritorii Sovetskogo Soyuz, 1958, pp 19-41.

*JPRS

Scientific
Geophysics (Contd)

Glaciological Investigations of the
Institute of Geography at the Academy
of Sciences of the USSR According to
the Program of the IGY in Polar Ural,
by R. Yu. Venier, L. S. Troitskiy,
(NY-3628).

RUSSIAN, bk, Opisaniye Ob'yektov Glyatsiolo-
gicheskikh Issledovaniy, Provodimykh Po
Programme Mezhdunarodnogo Geofizicheskogo
Goda Na Territorii Sovetskogo Soyuza, 1958,
pp 42-56.

*JPRS

A Brief Description of the Objects of Invest-
igation and a List of Works of the Elbrus Ex-
peditions, by G. K. Tushinskiy, (NY-3628).

RUSSIAN, bk, Opisaniye Ob'yektov Glyatsiolo-
gicheskikh Issledovaniy, Provodimykh Po Pro-
gramme Mezhdunarodnogo Geofizicheskogo Goda
Na Territorii Sovetskogo Soyuza, 1958,
pp 139-150.

*JPRS

Principal Works, Astrobotany and Astrophysics,
1912-1957, (NY-3599).

RUSSIAN, bk, Osnovnyye Trudy, Astrobotanika i
Astrofizika (1912-1957), Vol IV, Alma-Ata,
1957, pp 3-256.

*JPRS

Principal Works, Astrophysics, 1912-1956,
(DC-3418).

RUSSIAN, bk, Osnovnyye Trudy, Astrofizika
(1912-1956), Vol III, Alma-Ata, 1957,
pp 3-234.

*JPRS

Drifting Station North Pole-2; Drifting
Stations North Pole-3, North Pole-4 and
North Pole-5; Foreign Investigations in
the Central Arctic, by A. F. Laktionov,
38 pp.
RUSSIAN, 1955, pp 306-346.

Amer Meteorol Soc
AF Cambridge Res Center

Selected Papers in Oceanography [on the
Author's 70th Birthday], by N. N. Zubov,
3 pp.
RUSSIAN, 1955.

Amer Meteorol Soc
AF Cambridge Res Center

Scientific
Geophysics (Contd)

Seismic and Microseismic Observations at the Soviet Stations During the International Geophysical Year, by F. I. Monakhov, I. P. Pasechnik, N. V. Shebalin, 42 pp.
RUSSIAN, 1959, 60 pp.

Amer Meteorol Soc
AF Cambridge Res Center

Spectral, Electrophotometric and Radar Research on Aurorae and Night Airglow, by V. I. Krasovskiy, 65 pp.
RUSSIAN, 1959, 47 pp.

(see above)

On the Problem of Investigating Atmospheric Ozone by Photometry of Lunar Eclipses, by V. G. Fesenkov, 14 pp.
RUSSIAN, per, Astron Zhur, Vol XXXVI, No 4, Jul/Aug 1959, pp 564-572.

JPRS-2308

Mean Hourly Number of Meteors Recorded by a Radar Set. I. Streams, by Ye. I. Fialko, 6 pp.
RUSSIAN, per, Astron Zhur, Vol XXXVI, No 4, Jul/Aug 1959, pp 626-628.

JPRS-2308

A Molecular Time and Frequency Standard, by A. Ya. Leykin, 8 pp.
RUSSIAN, per, Astron Zhur, Vol XXXVI, No 4, Jul/Aug 1959, pp 734-738.

JPRS-2308

Observation of the Crab Nebula With the Large Radio Telescope of the Main Astronomical Observatory at Pulkovo, by G. P. Apushkinskiy, Yu. N. Pariyskiy, 3 pp.
RUSSIAN, per, Astron Zhur, Vol XXXVI, No 4, Jul/Aug 1959, pp 739, 740.

JPRS-2308

On A Method for Determining the Earth's Figure, by N. F. Neklyudov, 10 pp.
RUSSIAN, per, Byul Inst Teoret Astron, 1950, pp 408-413. 652385

ATIC MCL-35/V

Hydrooptical Apparatus and the Method of Marine Hydrophotometric Research, by V. M. Kozlyaninov, 3 pp.
RUSSIAN, per, Byul Okeanograf Komissii, No 2, 1958, pp 57-60.

JPRS 2129-N

Scientific
Geophysics (Contd)

Use of Airplanes for Oceanographic Research
in the Arctic, by A. F. Laktionov, V. A.
Shamot'yev, 10 pp.
RUSSIAN, per, Byul Okeanograf Komissii, No 2,
1958, pp 65-74.

JPRS 2129-N

Full Translation of "Bulletin of the All-
Union Astronomy-Geodetic Society," (NY-3541).
RUSSIAN, per, Byul Vses Astron Geo Obschch,
No 20, (27), 1957, pp 1-72.

*JPRS

Differences in the Periods of Seismic Waves
Stimulated During Underground Explosions
and Earthquakes, by S. D. Kogan, I. P.
Pasechnik, D. D. Sultanov, (DC-66/110).
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 6, 1959, pp 1283-1286.

*JPRS

Synchrotonic Radiation in Cometary Nebulas,
by G. A. Gurzadyan, (NY-3621).
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,
No 1, 1960, pp 47-50.

*JPRS

Ultraviolet Radiation and Excitation of
Oxygen Lines in the Chromosphere, by G. M.
Nikol'skiy, (NY-3621).
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,
No 1, 1960, pp 51, 52.

*JPRS

Gravitational Instability in Plane Rotating
Systems Having Axial Symmetry, by V. S.
Safronov, (NY-3621).
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,
No 1, 1960, pp 53-56.

*JPRS

Quantitative Distribution of Bottom Fauna
in the Abyssal Areas of the World Ocean,
by L. A. Zenkevich, (NY-3621).
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,
No 1, 1960, pp 183-186.

*JPRS

Scientific
Geophysics (Contd)

Astronomic Determination on the Continent
of the Antarctic During the International
Geophysical Year, by V. Kh. Galeev.

RUSSIAN, per, Geodeziya i Kartografiya, No 8,
1958, pp 22-30.

ATIC MCL-163/V

Structure of Signs for Areas With Long-
Lasting Frosts, by M. S. Uspenskiy.

RUSSIAN, per, Geodeziya i Kartografiya, No 8,
1958, pp 31-39.

ATIC MCL-163/V

Problem Relating to the Deformation of Aerial
Negatives, by V. Ya. Mikhaylov.

RUSSIAN, per, Geodeziya i Kartografiya, No 8,
1958, pp 44, 45.

ATIC MCL-163/V

Geodesy in the People's Republic of Poland,
by N. I. Modrinskiy, 12 pp.

RUSSIAN, per, Geodeziya i Kartografiya, No 6,
1959, pp 61-67.

JPRS L-1158-N

The Luminescence of the Lunar Surface and
the Intensity of Solar Corpuscular Radiation,
by N. A. Kozyrev, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Krymskaya
Astrofiz Observ, Vol XVI, 1956, pp 148-158.

Amer Meteorol Soc
AF Cambridge Res Center

Determination of the "Quiescent" Atmosphere,
by I. N. Odintsova, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Krymskaya
Astrofiz Obser, Vol XVII, 1957, pp 232-241.

Amer Meteorol Soc
AF Cambridge Res Center

Some Properties of Turbulent Transfer in the
Lowest Kilometre Layer of the Atmosphere, by
V. N. Kolesnikova.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz-Mat
Nauk, No 3, 1957, pp 87-90.

DSIR LLU M.578

Formulae for Calculating the Errors of the
Gravimetric Link Between Two Points in the
Case of Multiple Measurements by a Series
of Gravimeters, by Yu. D. Bulanzhe, 12 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 7, 1956, pp 755-754.

ATIC MCL-24/V

Scientific
Geophysics (Contd)

Some Results of Calibrating SN-3 Gravimeters, by K. Ya. Koz'yakova, 18 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 1, 1956, pp 765-775.

ATIC MCL-24/V

On the Accuracy of Measurements With Quartz Gravimeters With a Horizontal Torsional Thread, by Yu. D. Bulanzhe, 22 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 6, 1956, pp 927-939.

ATIC MCL-23/V

The Reduction of Gravity Anomalies, by V. A. Kuzivanov, 19 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 10, 1956, pp 1161-1173.

ATIC MCL-22/V

Fluctuations in the Heat Balance of the Atlantic Ocean, by V. V. Shuleikin, V. F. Gushchlin, P. I. Peshkov, 15 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 6, 1958, pp 729-740.

Amer Meteorol Soc
AF Cambridge Res Center

Computation of the Horizontal Wind Components When Calculating the Internal Friction and Non-linear Terms of Acceleration, by V. R. Tkachuk, 4 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 12, 1958, pp 1517-1519.

Amer Meteorol Soc
AF Cambridge Res Center

Duhamel's Principle and Asymptotic Solutions of the Dynamic Equations for the Theory of Elasticity, Part I, by G. A. Skuridin.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 1, 1959, pp 3-10.

Navy 2404/NRL 766

Character of the Temperature Field in a City and the Occurrence of Anomalous Lateral Reflection, by A. S. Zyuzin, 8 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 2, 1959, pp 326-329.

JPRS L-2012-D

Scientific
Geophysics (Contd)

Penetration of Fast Particles From the Upper Atmosphere Into the Ionosphere, by V. D. Pletnev.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 8, 1959, pp 1164-1166.

Navy 2409/NRL 771

Sixth USSR Conference on Problems of the Study of Clouds, Precipitation and Weather Modification, by E. L. Aleksandrov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 10, 1959, pp 1526, 1527.

JPRS 1148-D

Investigations of the Seismicity of the Territory of the People's Republic of China, by B. A. Netrushevskiy, (DC-66/108).

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 12, 1959, pp 1729-1738.

*JPRS

Measurements at Sea With the "Gal" Gravitometer, by Ye. I. Popov, (DC-66/108).

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 12, 1959, pp 1793-1798.

*JPRS

The Nature of Corpuscular Radiation in the Upper Atmosphere, by I. S. Shklovskiy, V. I. Krasovskiy, Yu. I. Gal'perin, (DC-3452).

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 12, 1959, pp 1799-1805.

*JPRS

Interferometric Measurements of the Width of the 5577 Å [OI] Line in Aurorae, by T. M. Mulyarchik, (DC-66/110).

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 12, 1959, pp 1902-1923.

*JPRS

Scheme of General Circulation of the Pacific Ocean Waters, by A. M. Miromtsev, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geograf, No 4, 1958, pp 24-32.

Amer Meteorol Soc
AF Cambridge Res Center

Works of the Institute of Geography of the Academy of Sciences USSR in 1958, by D. B. Kravchenko, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geograf, No 2, 1959, pp 143-146.

JPRS 3003

Scientific
Geophysics (Contd)

Conference on the Problem Heat and Water
Regime of the Earth's Surface, Its Role in
the Dynamics of Natural Phenomena and Methods
of Transforming It for Practical Purposes,
by A. P. Gal'tsov, (NY-3578).

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geograf,
No 5, Sep/Oct 1959, pp 130-134.

*JPRS

Problems of the Physical Geography of the
Amur Basin at the Third Session of the Joint
Scientific Council of the Amur Expedition of
the Academy of Sciences USSR and the Heilung-
kiang Expedition of the Chinese Peoples Re-
public, by V. P. Chichagov, (NY-3578).

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geograf,
No 5, Sep/Oct 1959, pp 136-139.

*JPRS

Types of Carbonatite Deposits and Their
Connection With Ultrabasic-Alkali Rock Com-
plexes, by L. S. Borodin.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol, No 5,
1957, pp 3-16.

DSIR LLU RTS 1234

Slight Atmospheric Variations and the Adapta-
tion of Meteorological Fields, by A. S. Monin,
A. M. Obukhov, 18 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol, No 11,
1958, pp 1360-1373.

Amer Meteorol Soc
AF Cambridge Res Center

The Formation of the Wind Field, by N. A.
Bulinskaya, 16 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol, No 11,
1958, pp 1406-1417.

(see above)

Consideration of the Change in Vertical Velocity
With Height in Computing Adiabatic Temperature
Changes, by A. I. Burtsev, 7 pp.

RUSSIAN, per, Met i Gid, No 7, 1957, pp 26-30.

(see above)

The Role of the Surface Heat Balance in the Water
Temperature Regime of the Northern Part of the
Atlantic Ocean, by L. I. Skriptunova, 10 pp.

RUSSIAN, per, Met i Gid, No 7, 1957, pp 40-45.

(see above)

Scientific
Geophysics (Contd)

The Hydrometeorological Service of the USSR
on the Fortieth Anniversary of the Great
October Socialist Revolution, 68 pp.
RUSSIAN, per, Met i Gid, No 11 1957, pp 7-40.

Amer Meteorol Soc
AP Cambridge Res Center

Experimental Data on the Growth of Ice in
By-Pass Canals, by A. I. Bereza, 4 pp.
RUSSIAN, per, Met i Gid, No 10, 1958, pp 40-42.

(see above)

The Problem of Defining the Gradient Wind, by
B. Ya. Slobodov, 4 pp.
RUSSIAN, per, Met i Gid, No 11, 1958, pp 27,
28.

(see above)

Initial Growth of Ice and Underice Sludge,
by I. Ya. Liser, 2 pp.
RUSSIAN, per, Met i Gid, No 11, 1958, pp 30,
31.

(see above)

The Calculation of Saturation With Regard to
Ice When Forecasting Radiation Fogs and Cloudi-
ness, by P. F. Shevchenko, 4 pp.
RUSSIAN, per, Met i Gid, No 12, 1958, pp 30-32.

(see above)

Investigation of the Effect of Radiation Tem-
perature on Snowmelt in a Field and in a Forest,
by A. I. Subbotin, O. A. Miliukova, 7 pp.
RUSSIAN, per, Met i Gid, No 12, 1958, pp 33-37.

(see above)

The Graphic Method of Forecasting Fog (Short-
Term), by I. T. Ugreninov, 2 pp.
RUSSIAN, per, Met i Gid, No 12, 1958, pp 44,
45.

(see above)

The Influence of Condensation Heat Influx on
Pressure Change With Time, by R. L. Kagan,
11 pp.
RUSSIAN, per, Met i Gid, No 2, 1959, pp 7-14.

(see above)

Winter Sea of Okhotsk Cyclone - A Seasonal
Center of Atmospheric Activity, by V. L.
Arkhangel'skiy, 7 pp.
RUSSIAN, per, Met i Gid, No 4, 1959, pp 21-25.

(see above)

Scientific
Geophysics (Contd)

Diurnal Temperature Variations According
to Aerological Observational Data, by
Yu. A. Belogurov, 5 pp.
RUSSIAN, per, Met i Gid, No 4, 1959,
pp 39-42.

Amer Meteorol Soc
AF Cambridge Res Center

Wind Load on Engineering Constructions,
by G. A. Savitskiy, 5 pp.
RUSSIAN, per, Met i Gid, No 5, 1959, pp 30-
32

(see above)

Forecasting Cyclo- and Anticyclogenesis
Using a Computer, by P. K. Dushkin, E. G.
Lomolosoov, M. S. Tatarskaya, 9 pp.
RUSSIAN, per, Met i Gid, No 6, 1959, pp 11-
16

(see above)

The Question of the Role of Ageostrophic
Wind Deviations in the Formation of Fields
of the Absolute Geopotential, by I. I.
Peshkova, 5 pp.
RUSSIAN, per, Met i Gid, No 6, 1959, pp 39-
41.

(see above)

The Effect of Pressure Topography on Sea
Level and on Vergence Phenomena, by N. N.
Zubov, 5 pp.
RUSSIAN, per, Met i Gid, No 6, 1959, pp 52-
54.

(see above)

The Richardson Number as a Function of
Altitude, by V. N. Mamakin, 3 pp.
RUSSIAN, per, Met i Gid, No 7, 1959, pp 29,
30.

(see above)

Determination of the Amount of Evaporation,
by N. I. Afanas'ev, 4 pp.
RUSSIAN, per, Met i Gid, No 7, 1959, pp 48,
49.

(see above)

Determination of Evaporation by the Penman
Method, by M. I. Dud'ko, 4 pp.
RUSSIAN, per, Met i Gid, No 7, 1959, pp 49,
50.

(see above)

Scientific
Geophysics (Contd)

The Influence of Cloudiness on Atmospheric Radiation, by B. M. Gal'perin, L. S. Kuchumova, 10 pp.

RUSSIAN, per, Met 1 Gid, No 8, 1959, pp 19-24.

Amer Meteorol Soc
AF Cambridge Res Center

At the Chief Geophysical Observatory Imeni A. I. Voyeykov, by A. N. Lebedev, (NY-3606).
RUSSIAN, per, Met 1 Gid, No 9, 1959.

*JPRS

In the Administration of Hydrometeorological Service of Estonian SSR, by A. G. Smirnov, (NY-3606).

RUSSIAN, per, Met 1 Gid, No 9, 1959.

*JPRS

Character of the Air Currents Over the Pamir and West Tien Shan Mountains, by M. I. Morozova, A. Petrosyants, O. N. Chernysheva, 15 pp.
RUSSIAN, per, Met 1 Gid, No 9, 1959, pp 3-12.

JPRS L-1180-N

Causes of the Oscillations in the Intensity of the Zonal Circulation of the Atmosphere, by D. A. Ped', T. V. Sidochenko, 11 pp.
RUSSIAN, per, Met 1 Gid, No 9, 1959, pp 20-24.

JPRS L-1183-N

Atmospheric Fronts in the West Antarctic, by P. D. Astapenko, 11 pp.
RUSSIAN, per, Met 1 Gid, No 9, 1959, pp 24-29.

JPRS L-1184-N

On the Relation of the Hydrometeorological Service Subdivisions With Industrial Organizations, by M. N. Kostyanitsyn, 3 pp.
RUSSIAN, per, Met 1 Gid, No 9, 1959, pp 39, 40.

JPRS L-1168-N

Determination of the Elements of Surface Sea Currents by the Method of Radioactive Tracers, by N. V. Averbakh, 10 pp.
RUSSIAN, per, Met 1 Gid, No 9, 1959, pp 41-45.

JPRS 2129-N

Development of Hydrology in the Chinese People's Republic, by A. A. Sokolov, 8 pp.
RUSSIAN, per, Met 1 Gid, No 9, 1959, pp 46-49.

JPRS L-1179-N

Scientific
Geophysics (Contd)

On Radar Surveying Sea Currents and Ice,
by V. V. Dremlyug, 5 pp.
RUSSIAN, per, Met 1 Gid, No 10, 1959, pp 38,
39.

JPRS L-1200-N

Certain Problems of Dynamics of Deep-Sea
Currents, by P. S. Lineykin, 11 pp.
RUSSIAN, per, Met 1 Gid, No 10, 1959, pp 45-
49.

JPRS L-1201-N

Atmospheric Flow in the Stratosphere, by
V. R. Dubentsov, (NY-3562).
RUSSIAN, per, Met 1 Gid, No 11, 1959, pp 3-
15.

*JPRS

Influence of the Central Asiatic Mountains on
the Formation of the Jet Stream, by Kh. P.
Pogonyan, K. F. Ugarova, (NY-3562).
RUSSIAN, per, Met 1 Gid, No 11, 1959, pp 16-
26.

*JPRS

Works of the Scientific Research Establish-
ment of the Hydrometeorological Service for
1958, (NY-3562).
RUSSIAN, per, Met 1 Gid, No 11, 1959, pp 62-
66.

*JPRS

The Formation and Evolution of the Summer
Stratospheric Anticyclone in the Northern
Hemisphere, by I. G. Pchelko, (NY-3561).
RUSSIAN, per, Met 1 Gid, No 12, 1959, pp 3-
10.

*JPRS

Towards a Theory of the Heat Regime in the
Upper Atmosphere, by K. Ya. Kondrat'yev,
O. P. Filopovich, (NY-3561).
RUSSIAN, per, Met 1 Gid, No 12, 1959, pp 41-
48.

*JPRS

Literature for Meteorology, Hydrology, and
Oceanography, in 1958, (NY-3561).
RUSSIAN, per, Met 1 Gid, No 12, 1959, pp 55-
58.

*JPRS

Scientific
Geophysics (Contd)

Contents of the Journal "Meteorology and Hydrology" for 1959, (NY-3561).
RUSSIAN, per, Met i Gid, No 12, 1959, pp 64-69.

*JPRS

The Plan of Conduct of Observations According to the Program of the International Geophysical Year in 1959, 26 pp.
RUSSIAN, per, Mezhdunarodnyy Geofiz God, Informatsionnyy Byul, No 7, 1959, pp 3-20.

JPRS 2176-N

Third Regional Conference of the Representatives of Countries of the European-Asiatic Region, by S. V. Solov'yev, 6 pp.
RUSSIAN, per, Mezhdunarodnyy Geofiz God, Informatsionnyy Byul, No 7, 1959, pp 21-24.

JPRS 2176-N

Resolutions of the Conference of Representatives of the Countries of the European-Asian Region, 21 pp.
RUSSIAN, per, Mezhdunarodnyy Geofiz God, Informatsionnyy Byul, No 7, 1959, pp 25-38.

JPRS 2176-N

The All-Union Conference on the Publication of Materials of the International Geophysical Year, by B. I. Silkin, 5 pp.
RUSSIAN, per, Mezhdunarodnyy Geofiz God, Informatsionnyy Byul, No 7, 1959, pp 39-41.

JPRS 2176-N

The Dependency of the Frequency of Appearances of Noctilucent Clouds on the Date and Geographical Latitude, by V. V. Sharonov, 6 pp.
RUSSIAN, per, Mezhdunarodnyy Geofiz God, Informatsionnyy Byul, No 7, 1959, pp 42-45.

JPRS 2176-N

Study of Variations in Sea Level, by Ye. S. Selitskaya, 8 pp.
RUSSIAN, per, Mezhdunarodnyy Geofiz God, Informatsionnyy Byul, No 7, 1959, pp 60-64.

JPRS L-1166-N

Registration of Geomagnetic Pulsations With a Magnetograph of High Sensitivity, by S. P. Bakalinskiy, B. Ye. Bryunelli, N. F. Krotevich, 5 pp.
RUSSIAN, per, Mezhdunarodnyy Geofiz God, Informatsionnyy Byul, No 7, 1959, pp 65-67.

JPRS 2176-N

Scientific
Geophysics (Contd)

Control for the Transparency Constant of Night Airglow, by L. M. Fishkova, 3 pp.
RUSSIAN, per, Mezhdunarodnyy Geofiz God, Informatsionnyy Byul, No 7, 1959, pp 68, 69.

JPRS 2176-N

The Study of Drifts (Winds) in the Layer F2 by the Phase Method With the Observance of the Anisotropy of the Form and Modification of Heterogeneities, by V. D. Gusev, S. F. Mirkotan, 6 pp.
RUSSIAN, per, Mezhdunarodnyy Geofiz God, Informatsionnyy Byul, No 7, 1959, pp 70-73.

JPRS 2176-N

In the Soviet Union, 3 pp.
RUSSIAN, per, Mezhdunarodnyy Geofiz God, Informatsionnyy Byul, No 7, 1959, pp 103, 104.

JPRS 2176-N

Three Years of Drift of the Floating Ice Island North Pole-6, by K. A. Sychev, 6 pp.
RUSSIAN, per, Morskoy Flot, Vol XIX, No 4, 1959, pp 21-23.

Amer Meteorol Soc
AF Cambridge Res Center

Three Days in the Fight With Clouds, by V. Belotserkovskiy, (NY-3542).
RUSSIAN, per, Moskva, No 9, 1958, pp 160-170.

*JPRS

Results of a Regional Survey in the Caspian Sea With Underwater Gravimeters, by A. M. Lozinskaya, I. O. Tsimel'zon, V. V. Laskina, 16 pp.
RUSSIAN, per, Prik Geofiz: Sbornik Statey, No 14, 1956, pp 115-129.

ATIC MCL-19/V

The Basis of the Resolving Power of Controlled Directional Reception (CDR) of Seismic Waves, by L. A. Ryabinkin.
RUSSIAN, per, Prik Geofiz: Sbornik Statey, No 16, 1957, pp 3-36.

DSIR LLU RTS 1306

Scientific
Geophysics (Contd)

Piezo Crystal Pressure Detectors in Seismic
Prospecting, by G. I. Rudakovskiy, S. M.
Zverev.

RUSSIAN, per, Prik Geofiz: Sbornik Statey,
No 19, 1958, pp 3-22.

DSIR LLU RTS 1307

The Annual Water Balance of the Arctic Ocean,
by V. T. Timofeyev, 3 pp.

RUSSIAN, per, Priroda, No 1, 1956, pp 89-91.

Amer Meteorol Soc
AF Cambridge Res Center

Meteorology and Seismology in China, by Chao
Chiu-chang, (NY-3516).

RUSSIAN, per, Priroda, No 10, 1959, pp 27-34.

*JPRS

Determination of the Ephemerides of Small
Planets, by N. S. Yakhontova, (NY-3516).

RUSSIAN, per, Priroda, No 10, 1959, pp 87-89.

*JPRS

Preliminary Analysis of Radio Beacon Drift
in the Arctic Seas, by N. P. Shesterikov,
8 pp.

RUSSIAN, per, Problemy Arktiki, No 2, 1957,
pp 85-91.

Amer Meteorol Soc
AF Cambridge Res Center

Long-Service Independent Automatic Stations
for Observations of Currents in the Open Sea,
by G. A. Baskakov, N. F. Kudryavtsev, 5 pp.
RUSSIAN, per, Problemy Arktiki, No 2, 1957,
pp 93-96.

Amer Meteorol Soc
AF Cambridge Res Center

Extent of Clouds Over Arctic Seas and Central
Arctic, by M. V. Zavarina, M. K. Romasheva,
8 pp.

RUSSIAN, per, Problemy Arktiki, No 2, Lenin-
grad, 1957, pp 127-132.

JPRS L-2019-D

A Method of Underwater Stereophotography in
Oceanographic Investigations, by V. S. Loshchi-
lov, 20 pp.

RUSSIAN, per, Problemy Arktiki, No 2, 1957,
pp 205-218.

Amer Meteorol Soc
AF Cambridge Res Center

Scientific
Geophysics (Contd)

The Use of Ultrasonic Vibrations in Hydro-
logical Investigations, by V. V. Bogorod-
skiy, A. V. Gusev, 12 pp.
RUSSIAN, per, Problemy Arktiki, No 3, 1958,
pp 69-78.

Amer Meteorol Soc
AF Cambridge Res Center

New Models of Oceanographic Apparatus, by
E. I. Chaplygin, 2 pp.
RUSSIAN, per, Problemy Arktiki, No 3, 1958,
pp 105-108.

(see above)

The Hydrometeorological Regime of the
Northern Part of the Atlantic Ocean, by V.
M. Ivanov, 13 pp.
RUSSIAN, per, Problemy Arktiki, No 4, 1958,
pp 5-14.

(see above)

Arctic. Soviet Drifting Stations and Ex-
peditions 1956-1957, 14 pp.
RUSSIAN, per, Problemy Arktiki, No 4, 1958,
pp 103-110.

(see above)

Determination of the Age of Arctic Ice
Islands [on the Basis of Foreign Research
Data], by B. A. Savel'ev, 7 pp.
RUSSIAN, per, Problemy Severa, No 1, 1958,
pp 341-345.

(see above)

Space Laboratories, by S. Matveyev, (DC-3427).
RUSSIAN, per, Radio, No 11, 1959, pp 8-11.

*JPRS

Absorption of Microwaves in Laminated Atmos-
phere, by S. A. Zhevakin, V. S. Troitskiy.
RUSSIAN, per, Radiotekh i Elektron, Vol IV,
No 1, 1959, pp 21-27.

Navy 2412/APL T-92

Determination of Electromagnetic Field
Strength of UHF Waves Appearing in a Region
of Deep Shadow Because of Coherent Scatter-
ing in the Atmosphere, by L. M. Ponomarenko.
RUSSIAN, per, Radiotekh i Elektron, Vol IV,
No 6, 1959, p 930.

*Navy/APL

Scientific
Geophysics (Contd)

On Results of the Work of the Scientific-
Technical Geophysical Conference, by A. S.
Shirokov, (DC-3426).

RUSSIAN, per, Razvedka i Okhrana Nedr,
No 12, 1959, pp 54-59.

*JPRS

On the Question of the Division of the
Ordovician System, by T. N. Alikhova.
RUSSIAN, per, Sovet Geol. No 55, 1957,
pp 113-113.

DSIR LLU RTS 1083

Outlook for Development of Geophysical
Prospecting for Useful Mineral Deposits in
the USSR in 1959-1965, by V. V. Fedynskiy,
18 pp.

RUSSIAN, per, Sovet Geol. No 8, 1959, pp 3-
13.

JPRS L-1193-N

The All-Union Geophysical Conference, by
A. I. Kyukov, 12 pp.

RUSSIAN, per, Sovet Geol. No 8, 1959, pp 160-
165.

JPRS L-1194-N

Results of the First All-Chinese Conference
on Geology and Useful Minerals, by Hsu Chieh,
(NY-3601).

RUSSIAN, per, Sovet Geol. No 9, 1959, pp 3-
19.

*JPRS

Geomagnetic Problems and the Internal Struc-
ture of the Earth, by V. A. Uspenskiy, 2 pp.
RUSSIAN, per, Trudy Ak Nauk SSSR, Geofiz
Inst, No 26 (153), 1954, pp 208-210.

Amer Meteorol Soc
AF Cambridge Res Center

Quartz Gravimeter for Determination of Base
Gravimetric Points, by Yu. D. Bulanzhe, Ye.
I. Popov, 14 pp.

RUSSIAN, per, Trudy Geofiz Inst Ak Nauk SSSR,
Sbornik Statey, No 30, 1955, pp 240-249.

ATIC MCL-28/V

Processing of Observations Carried Out With
the SN-3 Gravimeter, by G. I. Karatayev, 6 pp.

RUSSIAN, per, Trudy Geofiz Inst Ak Nauk SSSR,
Sbornik Statey, No 30, 1955, pp 250-255.

ATIC MCL-28/V

Scientific
Geophysics (Contd)

Certain Deviations of the Zero Point in
Quartz Gravimeters, by P. F. Shokin, 20 pp.
RUSSIAN, per, Trudy Geofiz. i. Ak Nauk
SSSR, Sbornik Statey, No 30, 1955, pp 255-
271.

ATIC MCL-28/V

Propagation Velocities for Elastic Waves in
Sedimentary Rocks, by N. I. Khalevin, 27 pp.
RUSSIAN, per, Trudy Gorno-Geol. Inst, No 30,
1957, pp 121-131.

MEB

Statistical Theory and Calculation of Sea
Waves, Part I, II, by Yu. M. Krylov.
RUSSIAN, per, Trudy Gosudarstvennogo Okeano-
graf. Inst, Vol XXXIII (45), 1956, pp 5-79,
Vol XLII, 1958, pp 1-87.

*Navy/BO 97

Successes in Geology in China, by P. N.
Kropotkin, 8 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXIX,
No 9, 1959, pp 60-64.

JPRS 2233-N

Geophysical Prospecting Work in the People's
Republic of China, by A. G. Ivanov, (DC-3438).
RUSSIAN, per, Vest Ak Nauk SSSR, No 11, 1959,
pp 74-78.

*JPRS

The Hydrological Regime of Lepsa Glaciers in
the Dzhungarskiy Ala-Tau, by K. G. Makarevich,
24 pp.
RUSSIAN, per, Vest Ak Nauk Kazakh SSR, No 9,
Alma-Ata, 1958, pp 48-60.

JPRS 2212

Battle With Aerial Giants, by V. Belotserkovskiy,
(DC-3398).
RUSSIAN, per, Vokrug Sveta, No 8, 1959, pp 1-5.

*JPRS

Development of Meteorological Science in China,
8 pp.
CHINESE, np, Jen-min Jih-pao, 14 Sep 1959.

AF 1236286

Scientific
Geophysics (Contd)

The Results and Future of Scientific Research in Geophysical Prospecting in Communist China, by Chou Chin-han, 15 pp.
CHINESE, per, Ti-ch'iu Wu-li K'an-t'ian, No 9, Peiping, 22 Sep 1959, pp 8-12.

JPRS 1119-D

Microclimatic Regimes in Irrigated Areas in Communist China, by Lu Ch'i-yao, 21 pp.
CHINESE, per, Ti-li Hsueh-pao, Vol XXIII, No 4, Peiping, Nov 1957, pp 437-445.

JPRS 1099-D

Czechoslovak Work Program for International Geophysical Cooperation 1959, 9 pp.
CZECH, per, Vestnik Ceskoslovenske Akademie Ved, Vol LXVIII, No 2, Prague, 1959, pp 253-256.

JPRS 1028-D

The Astronautical Commission of the Czechoslovak Academy of Sciences, 3 pp.
CZECH, per, Vestnik Ceskoslovenske Akademie Ved, Vol LXVIII, No 2, Prague, 1959, pp 265, 266.

JPRS 1028-D

Contribution to the Study of Ice Lens Formation in the Ground, by J. P. Davelhofer, 30 pp.
FRENCH, per, Bulletin Technique de la Suisse Romande, Vol XXII, Lausanne, 1946, pp 3-10.

Bu of Reclam
Denver, Colo.

Investigations of the Vertical Exchange in the Lower Decameters of the Atmosphere, by E. Frankenberger, 26 pp.
GERMAN, per, Annalen der Meteorologie, Vol IV, No 7, 9, 1951, pp 358-374.

Amer Meteorol Soc
AF Cambridge Res Center

Radiosondes for Atmospheric-Electric Measurements, by R. Muhleisen, H. J. Fischer, 13 pp.
GERMAN, per, Archiv fuer Technisches Messen, No 274, 1958, pp 229-232.

(see above)

Experimental Investigations of the Plasticity of Ice, by S. Von Steinemann, 3 pp.
GERMAN, per, Beitrage zur Geologie der Schweiz, Hydrologie, No 10, 1958, 72 pp.

(see above)

Scientific
Geophysics (Contd)

The Dynamics of Cumulus Clouds, by H. Christians, 15 pp.

GERMAN, per, Beitrage zur Physik der Freien Atmosphere, Vol XXII, No 3, 1935, pp 149-160.

Amer Meteorol Soc
AF Cambridge Res Center

New Work of the Institute, by F. Gerecke, H. Martin, W. Sponheuer, (DC-66/110).

GERMAN, per, Monatsberichte der Deutschen Akademie der Wissenschaften zu Berlin, Vol I, No 11, 1959, pp 712-714.

*JPRS

The Radiation Zone Around the Earth, by J. Taubenheim.

GERMAN, per, Radio und Fernsehen, No 13, Jul 1959, Berlin, pp 410, 411.

USASIA SC-83e/59

Sun-Flare Effects in the Lower Ionosphere, by K. H. Schmelovsky.

GERMAN, per, Radio und Fernsehen, No 13, Jul 1959, Berlin, pp 412-414.

USASIA SC-83f/59

Consideration of Flow Separation in Determining Resistance by Means of Model Tests, by E. G. M. Petersohn.

GERMAN, per, Schiffstechnik, Vol IV, No 20, Hamburg, 1957, pp 71-74.

Bu of Reclam
Denver, Colo.

Is There a Dividing Line Between Nonfrost-Susceptible and Frost Susceptible Soils?, by Alfred Ducker, 18 pp.

GERMAN, per, Strasse und Autobahn, No 3, Koeln-Deutz, 1956, pp 78-82.

(see above)

Further Results of Tropospheric Drift Observations With Regard to the Question of the Mechanism of Long-Range Propagation at Meter Wavelengths, by L. Klinker, 13 pp.

GERMAN, per, Z. fuer Meteorologie, Vol XI, No 10, 11, 1957, pp 339-344.

Amer Meteorol Soc
AF Cambridge Res Center

Scientific
Mathematics

One Method of Automatic Programming, by
V. M. Glushkov, 7 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 2,
Moscow, 1959, pp 181-184.

JPRS 2243

Operative Storage Device Using Cathode-Ray
Tubes, by A. N. Myamlin, V. K. Smirnov, 18 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 2,
Moscow, 1959, pp 191-201.

JPRS 2252

A Bioelectric Control System, by M. G. Breydo,
V. S. Gurfinkel', A. Ye. Kobrinskiy, A. Ya.
Sysin, M. L. Tsetlin, Ya. S. Yakobson, 16 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 2,
1959, pp 203-212.

JPRS 2240-N

On Statisticity and the Principle of Amplifier
in Biology, by N. V. Timofeyev-Resovski, y,
R. R. Rompe, 25 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 2,
1959, pp 213-228.

JPRS 2241

Formula for Calculating the Length of a Counter-
Flow Tunnel Dryer, by A. V. Yaroshevsky.

RUSSIAN, per, Prom Stroitel Mat, Vol II, No 12,
1940, pp 36-.

DSIR LLU M.1219

Analytical Method of Calculating Coke Rates
for Blast Furnace, by G. V. Ksendzyk.

RUSSIAN, per, Stal, (Blast Furnace Production
Supplement) 1958, pp 125-137.

*EB 4730

Scientific
Medicine

Combines Preventive Preparations Against Wound Infections, 228 pp.

RUSSIAN, bk, Assotsirovannyye Profilakticheskiye Preparaty Protiv Ranevykh Infektsii, Moscow, 1959, pp 1-251, publ by Acad of Med Sci USSR, N. F. Gamaleye Inst for Epid and Microbiol.

ACSI, H-6089

Electric Sleep (A Clinical-Physiological Investigation), by V. A. Gilyarovskiy, I. M. Liventsev, Yu. Ye. Segal', Z. A. Kirillova, 234 pp.

RUSSIAN, bk, Elektroson (Kliniko-Fiziologicheskoye Issledovaniye), Moscow, 1958, pp 3-170.

JPRS 2278

The Respiration of Brain Tissue During Hypoxia, by Ye. M. Kreps, 5 pp.

RUSSIAN, bk, Fiziologiya i Patologiya Dykhaniya, Gipoksiya i Oksigenoterapiya, 1958, pp 40-43.

JPRS L-1988-D

Some Physiological Mechanisms of the Adaptation of an Organism to Oxygen Insufficiency, by Ye. N. Domontovitch, 17 pp.

RUSSIAN, bk, Fiziologiya i Patologiya Dykhaniya, Gipoksiya i Oksigenoterapiya, 1958, pp 67-74.

JPRS L-1988-D

Respiratory Insufficiency and Oxygen Starvation, by L. L. Shik, 16 pp.

RUSSIAN, bk, Fiziologiya i Patologiya Dykhaniya, Gipoksiya i Oksigenoterapiya, 1958, pp 108-117.

JPRS L-1988-D

The Influence of Interoceptive Reflexes on the Respiration and Blood Circulation of an Organism Under Conditions of Oxygen Insufficiency, by M. D. Chirkin, 15 pp.

RUSSIAN, bk, Fiziologiya i Patologiya Dykhaniya, Gipoksiya i Oksigenoterapiya, 1958, pp 126-134.

JPRS L-1988-D

Concerning Resistance to Hypoxia in Dogs With Experimentally Produced Infarcts in the Ventricles of the Heart, by A. I. Smirnov, V. S. Rayevskiy, Ye. I. Kuznets, T. P. Rolich, 12 pp.

RUSSIAN, bk, Fiziologiya i Patologiya Dykhaniya, Gipoksiya i Oksigenoterapiya, 1958, pp 160-166.

JPRS L-1988-D

The Effect of Environmental Temperature Conditions on the Consumption of Oxygen Through the Skin and Lungs, by N. M. Petrun', 8 pp.

RUSSIAN, bk, Fiziologiya i Patologiya Dykhaniya, Gipoksiya i Oksigenoterapiya, 1958, pp 181-185.

JPRS L-1988-D

Scientific
Medicine (Contd)

An Analysis of the Changes of Respiration
and Blood-Circulation Functions During Great
and Swift Drops in Atmospheric Pressure, by
F. I. Pozharisskiy, D. Ye. Rozenblyum, I. M.
Khazen, 15 pp.

RUSSIAN, bk, Fiziologiya i Patologiya Dykhaniya,
Gipoksiya i Oksigenoterapiya, 1958, pp 189-199.

JPRS L-1988-D

The Comparative Importance of Pressure and the
Oxygen Content of the Blood in the Development
of Hypoxemia Symptoms, by S. I. Vinogradov,
P. M. Gramenitskiy, A. F. Kulev, P. V. Oblapenko,
10 pp.

RUSSIAN, bk, Fiziologiya i Patologiya Dykhaniya,
Gipoksiya i Oksigenoterapiya, 1958, pp 204-215.

JPRS L-1988-D

Oxygen Insufficiency in Burns and Its Treatment,
by G. V. Derviz, V. N. Smidovich, 9 pp.

RUSSIAN, bk, Fiziologiya i Patologiya Dykhaniya,
Gipoksiya i Oksigenoterapiya, 1958, pp 295-300.

JPRS L-1988-D

The Effect of Hyperoxia on Higher Nervous Ac-
tivity, by N. N. Sirotinin, 4 pp.

RUSSIAN, bk, Fiziologiya i Patologiya Dykhaniya,
Gipoksiya i Oksigenoterapiya, 1958, pp 315-317.

JPRS L-1988-D

Artificial Hypothermia as a Means of Oxygen
Starvation Prophylaxis, by I. P. Petrov, E. V.
Gubler, 15 pp.

RUSSIAN, bk, Fiziologiya i Patologiya Dykhaniya,
Gipoksiya i Oksigenoterapiya, 1958, pp 404-413.

JPRS L-1988-D

Air Ionization and Its Hygienic Importance, by
A. A. Minkh.

RUSSIAN, bk, Ion-Zatatsiya Vozdukha i ee Gигi-
nicheskoe Znachenie, Moscow, 1958.

Navy 2397/ONI 628

Sanitary Protection of the Environment From Con-
tamination With Radioactive Substances, by A. N.
Marzeyev, 26 pp.

RUSSIAN, bk, Kommunal'naya Gигiyena, 1958, Chap
XXV, pp 510-529.

JPRS L-2015-D

The Study of Personality Development by Hypnotic
Inhibition, by V. M. Gakkebush.

RUSSIAN, bk, Materialy I. Vsesoyuznyi S'ezd
Izucheniya Povedeniya Cheloveka, 1930.

*Navy/API

Scientific
Medicine (Contd)

Myth of the Soul: Present Day Science Concerning the Psychic Activities of Man, by D. A. Biryukov, 177 pp.

RUSSIAN, bk, Mif o Dushe; Sovremennaya Nauka o Psikhicheskoy Deyatel'nosti Cheloveka, No 2, Moscow, 1958, pp 1-168.

JPRS L-1143-N

Acceleration of the Elimination of Radioactive Isotopes from the Organism Under the Effect of Complex-Forming Compounds, by V. S. Balabukha, G. Ye. Fredkin, 42 pp.

RUSSIAN, bk, Nakopleniye Radioaktivnykh Elementov v Organizme i ikh Vyvedeniye, Moscow, 1958, pp 44-85.

JPRS L-1169-N

Neuroses, Psychopathy and Reactive Psychoses, USSR, by V. K. Fedorov, 62 pp.

RUSSIAN, pamphlet, Nevrozy, Psikhopatii i Reaktivnyye Psikhozy, Moscow, 1959, p 73.

JPRS L-2003-D

Ways of Further Developing Chemical Combined and Depot Forming Vaccines, by N. N. Aleksandrov, N. Ye. Gefen, (NY-3564).

RUSSIAN, bk, Polivaktsina, Moscow, 1956, pp 24-58.

*JPRS

The Industrial Preparation of the NIISI Polyvaccine and an Experimental Study of the Typhoid Component, by O. G. Filippova, (NY-3564).

RUSSIAN, bk, Polivaktsina, Moscow, 1956, pp 169-183.

*JPRS

The Effect of Drying Procedures on the Quality of "Whole" Antigens, by Ye. A. Petrosyan, A. K. Kossova, F. A. Tokarena, A. V. Lysenkova, (NY-3564).

RUSSIAN, bk, Polivaktsina, Moscow, 1956, pp 245-276.

*JPRS

Investigation of Nutrient Media for Deep Culturing of Typhoid Fever and Flexner Dysentery Microorganisms, by V. I. Shanina-Vagina, A. N. Zamukhovskaya, L. K. Kas'yanova, (NY-3564).

RUSSIAN, bk, Polivaktsina, Moscow, 1956, pp 277-285.

*JPRS

Scientific
Medicine (Contd)

The Accumulation of "Whole" Antigen When Typhoid Fever Bacteria Are Grown Under Aerated Conditions, by A. S. Nechayeva, A. K. Vargina, (NY-3564).

RUSSIAN, bk, Polivaktsina, Moscow, 1956, pp 322-330.

*JPRS

The Accumulation of Flexner Dysentery Bacteria Antigen When Grown Under Aerated Conditions, by A. S. Nechayeva, A. K. Vargina, (NY-3564).
RUSSIAN, bk, Polivaktsina, Moscow, 1956, pp 331-339.

*JPRS

A Comparative Study of Corpuscular Vaccines and "Whole" Antigens Obtained From Aerated Bouillon Cultures, by A. K. Kossova, Ye. A. Petrosyan, F. A. Tokareva, (NY-3564).
RUSSIAN, bk, Polivaktsina, Moscow, 1956, pp 344-357.

*JPRS

The Chemical Composition and Structure of the Complex Antigen of the Cholera Vibrion, Obtained by Various Methods, by Ye. A. Petrosyan, K. D. Merimson, A. A. Yefimova, (NY-3564).
RUSSIAN, bk, Polivaktsina, Moscow, 1956, pp 471-484.

*JPRS

Data on the Determination of the Period of Usability of Polyvaccine, by O. G. Filippova, (NY-3564).
RUSSIAN, bk, Polivaktsina, Moscow, 1956, pp 497-499.

*JPRS

The Effect of Depot Forming Substances on the Immunogenicity of Polyvaccine, by O. G. Filippova, (NY-3564).
RUSSIAN, bk, Polivaktsina, Moscow, 1956, pp 591-596.

*JPRS

A Study of the Effectiveness of the NIISI Polyvaccine in an Epidemiological Experiment, by G. P. Slavin, (NY-3564).
RUSSIAN, bk, Polivaktsina, Moscow, 1956, pp 686-694.

*JPRS

Scientific
Medicine (Contd)

A Study of the Epidemiological and Immunological Effectiveness of the Polyvaccine on the Basis of Data From Seven Cities, by N. A. Yablokov, (NY-3564). RUSSIAN, bk, Polivaktsina, Moscow, 1956, pp 695-713.

*JPRS

The NIISI Polyvaccine, Its Evaluation, and Prospects for Its Further Utilization, by V. Ye. Korostylev, I. N. Rogosin, A. L. Siroko, V. D. Belinov, (NY-3564). RUSSIAN, bk, Polivaktsina, Moscow, 1956, pp 758-768.

*JPRS

Reaction to the Administration of Polyvaccine and Immunological Indices in Vaccinated Persons, by A. Ya. Lavrova, (NY-3564). RUSSIAN, bk, Polivaktsina, Moscow, 1956, pp 747-757.

*JPRS

Determination of the Immunological Indices in Persons Vaccinated With the NIISI Polyvaccine, by N. A. Khomenko, (NY-3564). RUSSIAN, bk, Polivaktsina, Moscow, 1956, pp 739-746.

*JPRS

Results of the Study of the Effectiveness of the Polyvaccine in an Epidemiological Experiment, by I. F. Pers, V. G. Feschanskiy, A. Ya. Lavrov, M. N. Yermakova, A. N. Zamukhovskaya, N. F. Levitskaya, (NY-3564). RUSSIAN, bk, Polivaktsina, Moscow, 1956, pp 714-738.

*JPRS

Psychological Science in the USSR, (NY-3565). RUSSIAN, bk, Psikhologicheskaya Nauka v SSSR, Vol I, Moscow, 1959, 598 pp.

*JPRS

Radiobiology, by D. E. Grodzenskiy, 26 pp. RUSSIAN, monograph, Radiobiologiya, Moscow, 1958.

AF 1256229

Scientific
Medicine (Contd)

Novocain As a Stimulator of Visceral
Receptors, by M. R. Mogendovich, 21 pp.
RUSSIAN, bk, Reflektornoye Vzaimodeystviye
Lokomotornoy i Vistseral'noy Sistem,
Chap IV, Leningrad, 1958, pp 120-133.

JPRS-2229-N

The Effect of Muscular Reception on the
Cardio Vascular System, by M. R. Mogendovich,
58 pp.

RUSSIAN, bk, Reflektornoye Vzaimodeystviye
Lokomotornoy i Vistseral'noy Sistem,
Chap IV, Leningrad, 1958, pp 243-288.

JPRS-2230-N

Comparative Evaluation of Different Methods
of Active Therapy of Patients With Acute
Toxicoses, by O. S. Glozman, A. P. Kasatkina,
(DC-3436).

RUSSIAN, bk, Sovremennyye Metody Aktivnoy
Terapii Ostrykh Toksikozov, 1959, pp 233-245.

*JPRS

Problems of Infection, Immunity, and Allergy
in Acute Radiation Sickness, by N. N.
Klemparskaya, O. G. Alekseyeva, R. V. Petrov,
V. F. Sosova, 140 pp.

RUSSIAN, bk, Voprosy Infektsii, Immuniteta
i Allergii pri Ostroy Luchevoy Bolezni,
Moscow, 1959, 210 pp.

AEC Tr-3767

Biology and Isolation of the Antifungal
Antibiotic 26/1, by V. A. Tsyganov, P. N.
Golyakov, A. M. Bezborodov, V. P.
Namestnikova, et al, 10 pp.
RUSSIAN, per, Antibiotiki, No 1, 1959,
pp 21-26. 9046695

NIH 2-1-60

Determination and Plasticity of Skin Under
Normal, Experimental and Pathological
Conditions, by Ye. Sh. Gerlovin, (NY-3627).
RUSSIAN, per, Arkhir Anatom, Gistol i
Embriol, No 12, Moscow/Leningrad, 1959,
pp 104-118.

*JPRS

Scientific
Medicine (Contd)

Regulation of Physiological Processes, by
V. V. Voronin, 16 pp.
RUSSIAN, per, Arkhiv Patolog, No 5, 1959,
pp 3-11.

JPRS-2103-N

Disease of the Vegetative Nervous System
in Leukemias, by T. K. Tadyrova, (NY-3481).
RUSSIAN, per, Azerbaydzhanskiy Med Zhur,
No 12, Baku, 1959, pp 10-13.

*JPRS

Use of Electronic Equipment to Establish
Norms For Work Movements, by F. Borodkin,
6 pp.
RUSSIAN, per, Byul Nauch Informatsii; Trud
i Zarabotnaya Plata, No 2, 1959, pp 74-77.

JPRS-L-1163-N

Elastic and Electrical Phenomena in the
Nerve in the Propagation of Excitation, by
L. P. Kayushin, R. G. Lyudkovskaya, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CII,
No 4, 1955, pp 727, 728. 9045905

NIH 1-19-60

The Measurement of Natural Radicactivity
in Human Organs, by L. G. Shakhidzhanyan,
D. G. Fleishman, V. V. Glazunov, V. G.
Leont'ev, V. P. Nesterov, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV,
1959, pp 208, 209.

AEC NP Tr 315

Changes in the Morphological Composition of
Dogs of Various Higher Nervous Activity
Types Under the Influence of Chronic
External Radiation With Small Doses of
Gamma Rays (Co^{60}), by O. F. Makarchenko,
M. F. Sirotina, R. S. Zlatin, (NY-3658).
RUSSIAN, per, Fiziol Zhur, Vol V, No 6,
Kiev, 1959, pp 769-773.

*JPRS

Immunogenesis and Types of Higher Nervous
Activity, by S. I. Vovk, (NY-3658).
RUSSIAN, per, Fiziol Zhur, Vol V, No 6,
Kiev, 1959, pp 781-786.

*JPRS

Scientific
Medicine (Contd)

The Institutes of the Department of Biological Sciences Toward the December Plenum of the Central Committee of the CPSU, by A. Ozol, (DC-3451).

RUSSIAN, per, Iz Ak Nauk Latvyskoy SSR, Vol CXLVIII, No 11, Riga, 1959, pp 5-11.

*JPRS

The Determination of Partial Pressure of Cases of Arterial Blood in Certain Diseases of the Lungs, by E. Grants, (DC-3451).

RUSSIAN, per, Iz Ak Nauk Latvyskoy SSR, Vol CXLVIII, No 11, Riga, 1959, pp 169-177.

*JPRS

Scientific Institutions in the USA for the Search for and Study of Antibiotics, by C. K. Skryabin, (DC-3444).

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 6, 1959, pp 935-943.

*JPRS

Physiological Norms for Nutrition in the Light of the Decisions of the 21st Congress of the CPSU, by G. M. Makhkamov, (DC-3353).

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Med, No 6, Tashkent, 1959, pp 3-6.

*JPRS

Proceedings of the 1690th Meeting of the Surgical Society of Moscow and Moskovskaya Oblast, Held 24 Apr 1959, 7 pp.

RUSSIAN, per, Khirurgiya, No 11, 1959, pp 140-142.

JPRS 2215

Proceedings of the 1691st Meeting of the Surgical Society of Moscow and Moskovskaya Oblast, Held 8 May 1959, 10 pp.

RUSSIAN, per, Khirurgiya, No 11, 1959, pp 143-148.

JPRS 2216

First All-Russian Congress of Therapists, by G. N. Karapetyan, (DC-3389).

RUSSIAN, per, Klin Med, No 6, 1959, pp 6-14.

*JPRS

Allergy and the Nervous System, by A. D. Ado, 16 pp.

RUSSIAN, per, Klin Med, Vol XXXVII, No 12, 1959, pp 3-12.

JPRS 3030

Scientific
Medicine (Contd)

Sportsmen Pilots' Diet, by I. Pishchugin,
4 pp.

RUSSIAN, per, Kryl'ya Rodiny, No 10,
1959, p 31.

AF 1256365

On Scientific Research Work in the Institutes
of the Republic of Czechoslovakia, by L. N.
Yakhontov, V. V. Kolpakhova, Yu. N. Sheynker,
D. T. Pervacheva, 8 pp.
RUSSIAN, per, Med Prom SSR, Vol XIII, No 11,
1959, pp 55-58.

JPRS-2218-N

The Creatine and Creatinine Content of the
Urine of Rats Irradiated by X-Rays, by
T. A. Fedorova, M. S. Larina.
RUSSIAN, per, Med Radiol, Vol I, No 6, 1956,
pp 36-40.

DSIR LLU M.876

Physicochemical State of Plutonium (Pu^{239})
in Blood After Its Intravenous Administration,
by Yu. A. Beliayev, 9 pp.
RUSSIAN, per, Med Radiol, Vol IV, No 9,
1959, pp 45-51.

AEC Tr 3878

Changes in Permeability of Vascular Barriers
Following the Action of Ionizing Radiation
on the Organism, by N. V. Butomo, 9 pp.
RUSSIAN, per, Med Radiol, Vol IV, No 10,
1959, pp 9-13.

JPRS 2255

The Change in Certain Physicochemical Properties
of Blood Plasma Proteins in Animals in Acute
Radiation Sickness, by K. V. Gordeyeva, A. S.
Mozshukhin, 6 pp.
RUSSIAN, per, Med Radiol, Vol IV, No 10,
1959, pp 13-17.

JPRS 2254

Theory and Practice of Flowing Cultures of
Microorganisms (as Discussed at the Prague
Symposium), by N. D. Yerusalimskiy.
RUSSIAN, per, Mikrobiol, Vol XXVIII, No 1,
1959, pp 152-155.

*USDA

Scientific
Medicine (Contd)

The Brain and Cybernetics, by S. N. Braynes, A. V. Napalkov, 12 pp.
RUSSIAN, per, Nauka i Zhizn, No 6, 1959,
pp 17-21.

JPRS-2103-N

Defibrillation of the Heart With Low
Tension Currents in Experimental Con-
ditions, by V. K. Boyko, P. F. Demidyuk,
G. A. Sidorenko, (NY-3663).
RUSSIAN, per, Novyy Khir Arkh, No 6, Kiev,
1959, pp 13-17.

*JPRS

Hemobarostat--An Apparatus for Maintaining
Arterial Pressure at a Constant Level, by
Z. T. Samoylova, M. Ye. Rayskina, 7 pp.
RUSSIAN, per, Patolog Fiz i Eksper Terapiya,
Vol III, No 6, Nov/Dec 1959, pp 65-68.

JPRS-L-1178-N

Brain Development of Animals Irradiated by
Roentgen Rays at Early Stages of Extrauterine
Life, by Ye. N. Kosmarskaya, Yu. I. Barashnev,
8 pp.
RUSSIAN, per, Pediatrics, Vol XXVII, No 11,
1959, pp 33-37.

JPRS-L-1173-N

Characteristics of the Reaction of a Growing
Organism to the Effect of X-Rays, Experimentally,
by K. A. Moskacheva, 8 pp.
RUSSIAN, per, Pediatrics, Vol XXVII, No 11,
1959, pp 38-41.

JPRS-I-1172-N

Radioelectronics in Medicine, by V. V. Parin,
3 pp.
RUSSIAN, np, Pravda Severa, 26 Nov 1959.

Internatl Arts and
Sci Press
Soviet Highlights
Vol II, No 1

This Concerns Everyone: Medical Establishments
Lack Good Technical Equipment by A. Belulov,
I. Smirnov, 6 pp.
RUSSIAN, np, Pravda, 8 Dec 1959, p 2.

JPRS-2161-N

For the Welfare of Men (Development of
Medical Sciences in USSR), by V. V. Parin,
(NY-3558).
RUSSIAN, per, Priroda, No 10, 1959, pp 51-54.

*JPRS

Scientific
Medicine (Contd)

Important Results of Physiological
Investigations-9th All-Union Congress
Physiologists, Biochemists and
Pharmacologists, by L. L. Shik, (NY-3558).
RUSSIAN, per, Priroda, No 10, 1959,
pp 57-59.

*JPRS

Roentgeno-Sound Method for Investigation
of Heart, by I. I. Savchenkov, (NY-3558).
RUSSIAN, per, Priroda, No 10, 1959,
pp 85, 86.

*JPRS

Clinical-Epidemiological Characteristics
of Rickettsialpox, by R. I. Kiselev, V. M.
Zhdanov, N. N. Aleksandrova, 9 pp.
RUSSIAN, per, Sbornik Trudov Khar'kovskogo
Nauch-Issled Inst Vaktsin i Syvorotok imeni
Mechnikova, Virusnyye Infektsii, Vol XX,
1954, pp 253-257. 9046697

NIH 2-5-60

Study of the Biological Properties of Ricket-
tsial Strains "Zh" and "Z-M", by T. T.
Lavrushina, R. S. Korenblit, R. I. Kiselev,
10 pp.
RUSSIAN, per, Sbornik Trudov Khar'kovskogo
Nauch-Issled Inst Vaktsin i Syvorotok imeni
Mechnikova, Virusnyye Infektsii, Vol XX,
1954, pp 259-264. 9046696

NIH 2-6-60

Immunological Study of the Rickettsiae of
Rickettsialpox, by V. M. Zhdanov, R. S.
Korenblit, T. T. Lavrushina, 13 pp.
RUSSIAN, per, Sbornik Trudov Khar'kovskogo
Nauch-Issled Inst Vaktsin i Syvorotok imeni
Mechnikova, Virusnyye Infektsii, Vol XX,
1954, pp 265-271. 9046698

NIH 2-13-60

Cutaneous Reaction in Experimental Ricket-
tsialpox of the Guinea Pig, by R. S. Korenblit,
R. I. Kiselev, 9 pp.
RUSSIAN, per, Sbornik Trudov Khar'kovskogo
Nauch-Issled Inst Vaktsin i Syvorotok imeni
Mechnikova, Virusnyye Infektsii, Vol XX,
1954, pp 273-278. 9046699

NIH 2-15-60

Scientific
Medicine (Contd)

**Experimental Study of the Pathogenesis of
Rickettsialpox in House Mice, by R. I.**

Kiselev, 11 pp.

RUSSIAN, per, Sbornik Trudov Khar'kovskogo
Nauch-Issled Inst Vaktsin i Syvorotok imeni
Mechnikova, Virusnyye Infektsii, Vol XX,
1954, pp 279-284. 9046700

NIH 2-16-60

**Veterinary Service in Kirghizistan During the
Past 40 Years, by V. Balykin.**

RUSSIAN, per, Sel'skoye Khoz Kirgiz, Vol III,
No 11, 1957, pp 17-20.

*USDA

Physician Must Be Good Psychologist.

RUSSIAN, np, Sovet Aviatsiya, 27 Aug 1959, p 2.

*AID

**Seventh All-Union Congress of Roentgenologists
and Radiologists, by I. A. Pereslegin, 21 pp.**

RUSSIAN, per, Sovet Med, No 5, 1959, pp 144-151.

JPRS-2181-N

**Problems of Traumatology and Restorative
Surgery During the Seven-Year Plan, by I. M.
Grigorovskiy, (NY-3483).**

RUSSIAN, per, Sov Med, Vol XXIII, No 12,
1959, pp 3-7.

*JPRS

**Atherosclerosis (Certain Problems of Patho-
genesis, Prophylaxis and Treatment), by P. Ye.
Lukomskiy, (NY-3483).**

RUSSIAN, per, Sov Med, Vol XXIII, No 12,
1959, pp 8-25.

*JPRS

**The Mechanism of Hypertension of the Pulmonary
Circulation, by V. V. Parin, F. Z. Meyerson,
(NY-3483).**

RUSSIAN, per, Sov Med, Vol XXIII, No 12, 1959,
pp 26-33.

*JPRS

**Hypogalactia in Parturients Suffering From
Cardiovascular Diseases, by A. B. Sigalov,
(NY-3483).**

RUSSIAN, per, Sov Med, Vol XXIII, No 12,
1959, pp 64-67.

*JPRS

Scientific
Medicine (Contd)

The Use of Hypnotic Inhibition for the Study of Development of Personality, by V. M. Gakkebush.
 RUSSIAN, per, Sovremennaya Psikhoverologiya, No 7, 1928.

*Navy/APL

Compulsory Treatment as One of the Methods of Preventing the Repeated Socially Dangerous Actions of Mentally Deranged Patients, by Ya. Ye. Svirinovskiy, E. V. Shostakovich, 4 pp.

RUSSIAN, per, Sudebno Med Ekspertiza, No 3, 1959, pp 47-49.

JPRS-2294

An Attempt at a Study of Development of Personality With the Aid of Hypnosis, by V. M. Gakkebush.

RUSSIAN, per, Trudy Instituta Psikhonevrologii, No 2, 1930.

*Navy/APL

Principal Results and Problems of Veterinary Science in Kazakhstan at the Present Stage, by S. K. Kozhakin.

RUSSIAN, per, Trudy Vses Ak Sel'skok Nauk imeni V. I. Lenina. Kazakhskiy Filial, Inst Vet, No 6, 1954, pp 3-13.

*USDA

Problems of Inherited and Non-Inherited Ontogenetic Disturbances Produced by the Action of Radiation, by P. G. Svetlov, 15 pp.
 RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XIV, No 11, 1959, pp 29-37.

JPRS-L-1174-N

Thematic Plan for Medgiz Publications in 1960, by V. I. Mayevskiy, 10 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XIV, No 11, 1959, pp 46-51.

JPRS-L-1175-N

On Certain Biological Investigations in Medicine, by I. N. Mayskiy, M. S. Lomakin, 16 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XIV, No 11, 1959, pp 51-61.

JPRS-L-1176-N

Scientific
Medicine (Contd)

Survey of the Problem-Thematic Plan in
the Field of Neuropathology Throughout
the Soviet Union, by G. A. Maksudev, D. N.
Dzhibladze, 19 pp.
RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XIV,
No 11, 1959, pp 62-72.

JPRS-L-1177-N

Scientific Conference of the Institute of
Industrial Hygiene and Occupational Diseases,
Academy of Medical Sciences USSR, on Heat
Exchange Physiology and Industrial Micro-
climate Hygiene, by A. Ye. Malysheva, 10 pp.
RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XIV,
No 12, 1959, pp 36-41.

JPRS 3040

In the Presidium of the Academy of Medical
Sciences USSR, by M. A. Ivanova, 12 pp.
RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XIV,
No 12, 1959, pp 84-89.

JPRS 2208

Chronicle, (NY-3519).
RUSSIAN, per, Vest Otorino-Laringologii, No 5,
1959, pp 120-122.

*JPRS.

The Employment of Photographic Film for the
Individual Dosimetric Control of Beta-Particle
Fluxes, by N. S. Nikitin, 10 pp.
RUSSIAN, per, Vest Rentgenolog i Radiol,
Vol XXXIV, No 4, Jul/Aug 1959, pp 59-65.

JPRS-L-1161-N

Some Data on Echinopsin Alkaloid Treatment
of Patients for Chronic Radiation Sickness,
by G. P. Gubina, L. M. Omel'yanenko, 11 pp.
RUSSIAN, per, Vest Rentgenolog i Radiol,
Vol XXXIV, No 5, 1959, pp 29-33.

JPRS 2223

The Effect of Ionizing Radiation on Progeny
Following Irradiation of Animals During the
Last Days of Pregnancy, by Ye. Z. Zuikova,
M. Ya. Chaykovskaya, S. L. Petrosyan, 12 pp.
RUSSIAN, per, Vest Rentgenolog i Radiol,
Vol XXXIV, No 5, 1959, pp 34-41.

JPRS 2224

Scientific
Medicine (Contd)

Problem Concerning Trophic Changes in
Irradiated Tissues, by K. P. Mordvinova,
(DC-3370).

RUSSIAN, per, Vest Rentgenolog i Radiol,
Vol XXXIV, No 6, 1959, pp 58-62.

*JPRS

Urea (Carbamide) as Partial Substitute for
Protein in the Ration of Milch Cows, by
N. A. Shumanenkov, T. S. Mel'nikova, Ya. A.
Sokolov, E. Yu. Kotliar.

RUSSIAN, per, Vest Sel'skokh Nauk, Vol IV,
No 4, 1959, pp 58-63. 9046376

USDA

Veterinary Services in Kirgiz SSR, by V. .
Balykin.

RUSSIAN, per, Veterinariya, Vol XXXIV, No 12,
1957, pp 43-50.

*USDA

Veterinary Service in Turkmen SSR, by V. R.
Borodin.

RUSSIAN, per, Veterinariya, Vol XXXIV, No 12,
1957, pp 50-54.

*USDA

A Thermo-Installation for the Disinfection of
Sewage Infected With Brucella, by N. V.
Sofronov.

RUSSIAN, per, Veterinariya, No 10, 1959,
p 56.

*USDA

Antibiotics for the Service of USSR Animal
Husbandry, by A. G. Ginzburg.

RUSSIAN, per, Veterinariya, Vol XXXVI, No 11,
1959, pp 51-55. 9046391

USDA

Preventive Properties of Human and Animal
Blood Sera in Cases of Anthrax, by N. G.
Ipatenko.

RUSSIAN, per, Veterinariya, Vol XXXVI, No 12,
1959, pp 32, 33.

*USDA

On the Reflector Nature of Controlling
Machines, by I. I. Gal'perin, 19 pp.

RUSSIAN, per, Voprosy Filosof, No 4,
Jul/Aug 1957, pp 158-168.

JPRS-2103-N

Scientific
Meeting (Contd)

Are Classical Genetics Being Revived?, by
R. A. Dvoryankin.
RUSSIAN, per, Voprosy Filosof, No 12, 1959,
pp 128-138.

*USDA

Conference on the Problems of the Use of
Radioelectronics in Medicine and Biology,
by V. G. Yasnogorodskiy, 9 pp.
RUSSIAN, per, Voprosy Kurortolog, Fizioterap
i Lechebnoy Fizi Kul'tury, No 6, Nov/Dec 1959,
pp 563-567.

JPRS-3039-D

Fractionation of Brain Tumor Proteins by
Paper Electrophoresis, by A. V. Trufanov,
(DC-3373).
RUSSIAN, per, Voprosy Med Khim, Vol V, No 6,
1959, pp 403-408.

*JPRS

A Study of the Role of Amino Acids in
Streptomycin Formation, by V. A. Severina,
S. V. Gorskaya, I. V. Gracheva, (DC-3373).
RUSSIAN, per, Voprosy Med Khim, Vol V,
No 6, 1959, pp 448-457.

*JPRS

Account of the Joint Session of the
Scientific Councils of the Oncological
Institutes of Moscow and Leningrad (USSR)
and Warsaw, Krakow, and Gliwice (Poland
People's Republic), Held 6-15 Apr 1959 in
Moscow, by B. D. Kaufman, V. V. Gorodilova,
T. V. Shemyakina, Ye. A. Tsel', 18 pp.
RUSSIAN, per, Voprosy Onkologii, Vol V,
No 10, Leningrad, 1959, pp 498-505.

JPRS 2217

Psychological Problems of Outer-Space
Flight, by K. K. Platonov, 11 pp.
RUSSIAN, per, Voprosy Psikhol, No 3,
May/Jun 1959, pp 56-65.

AF 1256363

Reproduction of Emotional Experiences of
a Parachutist in Hypnosis, by L. P. Grimak,
5 pp.
RUSSIAN, per, Voprosy Psikhol, No 3, 1959,
pp 139-142.

AF 1256359

Scientific
Medicine (Contd)

First Congress of the Society of Psychologists,
by M. V. Gololov, 28 pp.

RUSSIAN, per, Voprosy Psikhol, No 5, 1959,
pp 170-180.

JPRS 2225

Scientific Conference on the Problem
of Space Perception and Illusions of
Space, by B. F. Lomov, (DC-3405).

RUSSIAN, per, Voprosy Psikhol, No 6, 1959,
pp 182-186.

*JPRS

Cybernetics and Control Problems of the
Medical Service, by A. N. Grigor'yev, O. K.
Gavrilov, L. B. Polyakov, K. V. Lashkov, 9 pp.
RUSSIAN, per, Voyenno-Med Zhur, No 6, 1959,
pp 76-80.

JPRS-2103-N

Use of Electronic Computers in Medicine,
by A. D. Voskresenskiy, A. I. Prokhorov,
16 pp.

RUSSIAN, per, Voyenno-Med Zhur, No 6, 1959,
pp 81-88.

JPRS-2103-N

Chronicle, (DC-3379).

RUSSIAN, per, Vrachebnoye Delo, No 3, 1959.

*JPRS

Chronicle, (NY-3519).

RUSSIAN, per, Vrachebnoye Delo, No 4, 1959,
p 444.

*JPRS

Foreign Medical Workers About the Achieve-
ments of Soviet Public Health, 8 pp.

RUSSIAN, per, Vrachebnoye Delo, No 11, Kiev,
1959, pp 1221-1224.

JPRS 2237

Concerning the Discussion About Silicate
Bacteria, by M. S. Kunin.

RUSSIAN, per, Zash Rast, No 5, 1959,
pp 29-32.

*USDA

The Problem of Immunity, by M. S. Dunin.

RUSSIAN, per, Zash Rast, No 1, 1960, pp 59, 60.

*USDA

Scientific
Medicine (Contd)

Chronicle, (NY-3519).

RUSSIAN, per, Zdravookhraneniye Belorussii,
No 7, 1959, pp 78, 79.

*JPRS

Concerning the Increase of Immunogenic
Properties of the Anti-Tularemic Living
Vaccine, by M. M. Faibich.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol
i Immunobiol, Vol XXX, No 10, 1959,
pp 3-8. 9046394

USDA

Notes on the Natural Plague Nidi and Anti-
Plague Work in the Chinese People's Republic
(Traveling Impressions), by B. K. Feniuk.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i
Immunobiol, No 10, 1959, pp 8-16.

*USDA

Success of the Patriotic Sanitary Movement of
1958 in China, by Den Chi-siu.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i
Immunobiol, Vol XXX, No 10, 1959, pp 16-20.
9046392

USDA

Determination of Spore Viability in the
Anthrax STI Vaccine With the Aid of Micro-
cultures, by P. A. Ivashkevich, B. Ya. Mikhailov,
G. I. Rozhkov, A. L. Tamarin.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i
Immunobiol, Vol XXX, No 10, 1959, pp 72-75.
9046393

USDA

Vaccinoprophylaxis in USA, by P. N. Burgasov,
K. G. Gapochko.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i
Immunobiol, Vol XXX, No 10, 1959, pp 130-136.

*USDA

The Scientific Conference of the Irkutsk Anti-
Plague Institute (USSR), by I. Ye. Trop, 4 pp.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i
Immunobiol, No 10, 1959, pp 155, 156.

JPRS-1175-D

Scientific
Medicine (Contd)

Concerning the Terms of the Efficacy of the STI Vaccine and the Methods for Controlling It, by P. A. Ivashkevich, B. Ya. Mikhailov, G. I. Rozhkov, A. L. Tamarin.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunobiol, No 11, 1959, pp 45-47.
 9046395

USDA

Changes in Higher Nervous Activity After Removal of the Adrenal Medulla in Dogs With Different Types of Nervous Systems, by M. M. Karimova, 19 pp.

RUSSIAN, per, Zhur Vysshey Nervnoy Deyatel'nosti, Vol VI, No 3, 1956, pp 415-425.

JPRS-L-1324-D

Automatic Control Panel for a Soundproof Room, by Yu. G. Kratin. B. Yu. Yuganson, (NY-3474).

RUSSIAN, per, Zhur Vysshey Nervnoy Deyatel'nosti imeni I. P. Pavlov, Vol IX, No 6, 1959, pp 941-947.

*JPRS

Brief Results of the Scientific Research Work of the Hygiene and Sanitation Sector, Kazakh Institute of Epidemiology, Microbiology and Hygiene Between 1952-1956, by G. F. Pollak, (NY-3570).

RUSSIAN, per, Zhur Zdravookhranyeniye Kazakh, Vol XVII, No 8, Kazakhstan, 1957, pp 11-15.

*JPRS

Communist China's Achievement in Clinical Radiology During the Past Decade, by Wang Shao-hsun, 34 pp.

CHINESE, per, Chung-hua Fang-she-hsueh Tsa-chih, Vol VII, No 5, 1959, pp 317-326.

JPRS 2282

Progress in the Use of Radioisotopes in the Field of Medicine Since Liberation, by Wang Shih-chen, Yeh Ken-yao, 26 pp.

CHINESE, per, Chung-hua Fang-she-hsueh Tsa-chih, Vol VII, No 5, 1959, pp 327-333.

JPRS 2280

Scientific
Medicine (Contd)

Acupuncture and Traditional Medicine in
the Treatment of Radiation Reaction, by
Ku Hsien-chih, Ch'in Feng-ko, Chang Li-chun,
26 pp.

CHINESE, per, Chung-hua Fang-she-hsueh Tsa-
chih, Vol VII, No 5, 1959, pp 379-383.

JPRS 2269

New China's Progress in Internal Medicine,
(DC-3382).

CHINESE, per, Chung-hua Nei-k'o Tsa-chih, No 9,
Peiping, 13 Sep 1959, pp 813-833.

*JPRS

China's Achievements in Hemopathology in
the Past Decade, by Sung Shao-chang, Yang
Ch'ung-li, (DC-3392).

CHINESE, per, Chung-hua Nei-k'o Tsa-chih,
Vol VII, No 10, Peiping, 13 Oct 1959,
pp 929-931.

*JPRS

Break Through the Obstacles to Infectious
Hepatitis Research, (NY-3518).

CHINESE, per, Chung-hua Nei-k'o Tsa-chih,
Vol VII, No 11, Peiping, 13 Nov 1959, p 1013.

*JPRS

China's Achievements in the Study of Liver
Diseases in the Ten Years Since the Founding
of the State, by P'an Ch'i-ying, et al,
(NY-3518).

CHINESE, per, Chung-hua Nei-k'o Tsa-chih,
Vol VII, No 11, Peiping, 13 Nov 1959, p 1028.

*JPRS

Results of Chinese Research Related to
Infectious Hepatitis in the Past Decade, by
Chia Ko-ming, (NY-3518).

CHINESE, per, Chung-hua Nei-k'o Tsa-chih,
Vol VII, No 11, Peiping, 13 Nov 1959,
pp 1044-1047.

*JPRS

Summary of China's Achievements in the
Medical Sciences in the Ten Years Since the
Founding of the State, by Ch'ien Hsin-chung,
(DC-3394).

CHINESE, per, Jen-min Pao-chien, Vol I, No 12,
Peiping, 1 Dec 1959, pp 1093-1099.

*JPRS

Scientific
Medicine (Contd)

Experimental Studies on Air-Borne
Influenza Infection and the Decontamina-
tion of Air, by Liu Yuan-yuan, Li
P'ei-yun, (NY-3645).
CHINESE, per, Jen-min Pao-chien, Vol I,
No 12, Peiping, 1 Dec 1959, pp 1100-1108.

*JPRS

Communist China's Achievements in Pavlov's
Theory During the Past Decade, by Chao I-ping,
11 pp.
CHINESE, per, Sheng-wu-hsueh T'ung-pao, No 10,
Peiping, 2 Oct 1959, pp 468-471, 475.

JPRS-1118-D

Vaccination Against Infectious Diseases, 6 pp.
CROATIAN, per, Jugoslovenski Pregled, Jun 1959.

ID 2127806

Medical Research in the Third Five-Year Plan
in Czechoslovakia, 10 pp.
CZECH, per, Casopis Lekarů Ceskyh, Vol XCIX,
No 1, 1959, pp 1-4.

JPRS 3010

Pharmacological Symposium, by R. Capek, M.
Hava, J. Vanecek, (DC-3360).
CZECH, per, Czeskoslovenska Fysiologie,
Vol VIII, No 6, Prague, 1959, pp 574-582.

*JPRS

Influence of Deserpidine, An Alcaloid From
Rauwolfia, on the Hypophysogenital System of
the Rat, by H. Tuchmann-Duplessis, L. Mercier-
Parot, 19 pp.
FRENCH, per, Annales d'Endocrinologie, Vol XIX,
No 6, 1958, pp 1143-1156.

NIH 1-31-60

Definitions, Criteria and Limits of Modern
Schizophrenia, by P. Abely, 13 pp.
FRENCH, per, Annales Medico Psychologiques,
Vol CXVI, No 2(3), Oct 1958, pp 562-566.

NIH 1-22-60

Transmissible Malignant Tumors of the Mouse,
Provoked by the Injection of Preparations
Containing Ribonucleic Acid. Biological and
Histological Study, by J. Harel, J. Huppert,
F. Lacour, J. Lacour, 18 pp.
FRENCH, per, Bulletin de l'Association
Francaise pour l'Etude du Cancer, Vol XLVI,
No 1, 1959, pp 75-91.

NIH 1-9-60

Scientific
Medicine (Contd)

Experimental Neurological Syndromes and Psychiatric Therapy. II. Psychic and Therapeutic Effects of a New Major Neuroleptic, 7843 RP. Polygraphic Study, by J. Delay, P. Deniker, R. Robert, H. Beek, R. Barance, M. Eurielt, 15 pp.
FRENCH, per, La Presse Medicale, Vol LXVII, No 6, 1959, pp 201-203.

NIH 1-28-60

Eosinophilia and Leukemia, by J. Bousser, 34 pp.

FRENCH, per, Le Sang, Vol XXVIII, No 6, 1957, pp 553-568.

NIH 1-4-60

Method of Quantitative Evaluation of Two Red Cell Populations in Four Persons Irradiated With High Doses and Treated With Bone Marrow Transfusions, by Ch. Salmon, 9 pp.
FRENCH, per, Revue Francaise d'Etudes Cliniques et Biologiques, Vol IV, No 3, 1959, pp 239-241.

NIH 1-35-60

Experiments on the Question of Lipoid Participation in the Structure of the Myeloid Leukemia Virus in the Mouse, by A. Graffi, H. Bielka, 4 pp.

GERMAN, manuscript, 3 pp.

NIH 1-7-60

Investigations to Further Characterize the Agent of Myeloid Leukemia in the Mouse, by A. Graffi, W. Krischke, 8 pp.

GERMAN, manuscript, 8 pp.

NIH 1-8-60

The Content of Sulfur and Water-Soluble Components in the Horny Epidermis in Normal and Pathological Cornification (Psoriasis), by Th. Grueneberg, A. Szakall, 25 pp.

GERMAN, per, Arch Klin Exper Dermatol, Vol CCI, 1955, pp 361-377.

NIH 1-36-60

The Distributional Pattern of Energy Producing Enzymes in the Flight Muscle, Springing Muscle and Fat Body of the Locusta Migratoria and Their Cytological Coordination, 13 pp.

GERMAN, per, Biochemische Z, Vol CCCXXI, 1959, pp 273-296, 281-289.

NIH 1-2a-60

Scientific
Medicine (Contd)

Liver Sarcoma Following Thorotrast, by
 F. J. Rosenbaum, 14 pp.
 GERMAN, per, Deutsche Medizinische
Wochenschrift, Vol LXXXIV, Feb 1959,
 pp 428-433.

NIH 1-10-60

Experimental Production of Large Vesicles
 of the Ciliary Epithelium of the Lung,
 With Contribution to the Knowledge of
 Infarct Formation, Adaptation and Pathogenesis
 of Tumors, by B. Fischer, 141 pp.
 GERMAN, per, Frankfurter Z fuer Pathologie,
 Vol XXVII, 1922, pp 98-182.

NIH 1-6-60

Investigations on the Prealbumin in Human
 Serum. First Report. Procedural Data on
 the Paper-Electrophoretic Detection of
 Prealbumin on Filter Paper. Quantitative
 Changes of the Prealbumin, by F. W. Aly,
 K. H. Niederhellmann, 22 pp.
 GERMAN, per, Klin Wochenschrift, Vol XXXVI,
 1958, pp 954-959.

NIH 1-3-60

The Hairpin-Counterflow Principle as the
 Basis of the Urine Concentration in the Kidney,
 by W. Kuhn, 30 pp.
 GERMAN, per, Klin Wochenschrift, Vol XXXVII,
 1959, pp 997-1003.

NIH 1-17-60

Leukemia and Virus. Tentative Interpretation
 of Animal and Human Findings, by F. Schmidt,
 43 pp.
 GERMAN, per, Die Naturwissenschaften, Vol XII,
 No 8, 1957, pp 337-349.

NIH 1-11-60

Some Basic Points in the Question Concerning
 the Psycho- and Endogenesis of Endogenous
 Psychoses, by G. Elsasser, 10 pp.
 GERMAN, per, Der Nervenarzt, Vol XII, 1957,
 pp 533-537.

NIH 1-24-60

Class Membership, Culture, and Schizophrenia,
 by F. C. Redlich, 12 pp.
 GERMAN, per, Psyche, Vol XII, No 7, Stuttgart,
 1958, pp 401-407.

NIH 1-26-60

Scientific
Medicine (Contd)

Social Therapy of Schizophrenia, by E. Krapf, 12 pp.

GERMAN, per, Psyche, Vol XII, No 7, Stuttgart, 1958, pp 408-414.

NIH 1-25-60

Correlations Between the Instinctual Drives of Young and Adult Animals, by M. Meyer-Holzappel, 39 pp.

GERMAN, per, Schweiz Z fuer Psychol u Ihre Anwendungen, Vol VIII, 1949, pp 32-60.

NIH 1-3a-60

On the Relations Between Virus and Tumor Formation, by A. Graffi, 38 pp.

GERMAN, per, Strahlentherapie, Vol CIV, No 2, 1957, pp 197-217.

ATTC F-TS-9658/III

Observations on Foundry Silicosis, by H. J. Schmid.

GERMAN, per, Z fuer Unfallmedizin u Berufskrankheiten, No 9, 1958, pp 221-231.

BISI 1517

The Natural Antibodies. Report II, Anti-Flexner Agglutinins and Protective Power, by M. Ceralu, Gullotti, 25 pp.

ITALIAN, per, Giorn Batteriol e Immunol, Vol XLVI, 1954, pp 381-397.

NIH 1-1a-60

Virological Aspects of Shope's Fibroma and Its Relations With Sanarelli's Myxoma, by V. Cilli, 14 pp.

ITALIAN, per, Giorn Malatt Infett e Parassit, Vol X, No 11, 1958, pp 20-24, 34-37.

NIH 1-5-60

Transformation and Elimination of Chlorpromazine. Lote II, by T. Berti, L. Cima, 10 pp.
ITALIAN, per, Il Farmaco, Vol XII, No 3, 1957, pp 159-165.

NIH 1-27-60

Report No 10. Electrophysiologic Study on Minamata Disease, by Y. Asano, 3 pp.

JAPANESE, report, Summary of Reports on the Study of Minamata Disease, 20 Aug 1959, pp 14, 15.

NIH 1-18-60

Scientific
Medicine (Contd)

Amniocaseous Embolism: A Case, by N. P. Luz.
 SPANISH, per, Anal. Facultad de Medicina,
Clinica Ginecologica, Vol V, 1959, pp 78-88.

*AEC

Amniocaseous Pulmonary Embolism, by J. R. Meyer.
 SPANISH, per, Brazil-Medico, Vol II, 1926,
 pp 301-303

*AEC

Evaluation of Phenothiazine Derivatives by
the Use of the Isolated Root of Raphanus
Sativus, by M. Solsona, A. Mora, 8 pp.
 SPANISH, per, Revista Espanola de Fisiologia,
 Vol VII, 1951, pp 221-224.

NIH 1-30-60

Cultural Factors in Schizophrenic States, by
 J. A. Bustamante, 30 pp.
 SPANISH, per, Revista Medica Cubana, Vol LXIX,
 No 6, 1958, pp 248-262.

NIH 1-23-60

Clinical Experiences With Marsilid in
Psychiatric Patients, by L. Norring, C. G.
 Gottfries, 13 pp.
 SWEDISH, per, Svenska Lakartidningen, Vol LVI,
 1959, pp 90-97.

NIH 1-29-60

Elimination of Radioactive Strontium From
the Organism Under the Influence of Certain
Complex-Forming Compounds, by O. A.
 Khomutovskiy, 15 pp.
 UKRAINIAN, per, Fiziol Zhur, Vol V, No 5,
 Kiev, 1959, pp 670-678.

JPRS 2256

At the IX Congress of the All-Union Society
of Physiologists, Biochemists and Pharma-
cologists, by E. G. Morgun, S. D. Kovtun,
 (DC-3468).
 UKRAINIAN, per, Fiziol Zhur, Vol V, No 6, Kiev,
 Nov/Dec 1959, pp 848-854.

*JPRS

A First Experiment in Studying the Psychology
of Polytechnical Education USSR, 7 pp.
 UKRAINIAN, per, Radyans'ka Shkola, Vol XXXVIII,
 No 5, 1959, pp 88-90.

JPRS-L-2034-D

Scientific
Minerals/Metals

Colloid Metals, by E. M. Natanson.
RUSSIAN, bk, Kolloidnyye Metally, Part 4, Kiev,
1959, pp 302-327.

*ATIC MCL-497/III

The Nature of Tensile Destruction, by V. A.
Pavlov, M. V. Yakutovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII,
No 1, 1951, pp 49-55.

*ATIC MCL-531/III

The Resistance of Plastic Metals to Brittle
Destruction, by G. V. Uzhik.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIX,
No 5, 1954, pp 685-687.

*ATIC MCL-534/III

Concerning the Nature of the Scale Effect
During the Destruction of Metals, by Ye. M.
Shevandin, et al.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,
No 5, 1957, pp 1057-1060.

*ATIC MCL-533/III

The Strength of Metal and Nonapplied Stresses
and Types, Caused by the Reduction of Tempera-
ture, by G. P. Zaytsev.
RUSSIAN, per, Fiz Metal i Metall, Vol II, No 3,
1956, pp 494-503.

*ATIC MCL-522/III

Carbide Eutectic in Nickel-Uglerod, by R. A.
Sidorenko.
RUSSIAN, per, Fiz Metal i Metall, Vol VIII,
No 4, 1959, pp 595-598.

*ATIC MCL-494/III

Hardness and Brittleness of Metalliferous
Compounds, by G. V. Samsonov, et al.
RUSSIAN, per, Fiz Metal i Metall, Vol VIII,
No 4, 1959, pp 622-630.

*ATIC MCL-494/III

Growth of the Physics of Metals and Physical
Metallurgy in CPR for Ten Years, by Chzhov
Chzhi-khun, Ko Tszun, Tszin Lin-chzhao,
(NY-3660).
RUSSIAN, per, Fiz Metal i Metall, Vol VIII,
No 6, 1959, pp 820-828.

*JPRS

Scientific
Minerals/Metals (Contd)

Rare Elements as Alloying Additions in a High-Temperature Steel, by L. Semanova, (DC-3451).

RUSSIAN, per, Iz Ak Nauk Latvishoy SSR, No 11 (148), Riga, 1959, pp 47-54.

*JPRS

A Method of Determining the Resistance of Metals by Destruction From Breaking, by G. B. Uzhik.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 10, 1948, pp 1547-1560.

*ATIC MCL-523/III

Concerning Strength Criteria During Brittle Destruction and Plane Stressed Conditions, by N. N. Davidenkov, A. N. Stavrogin.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 8, 1954, pp 101-109.

*ATIC MCL-539/III

Increasing the Quality of Chromium-Manganese-Silicon Steel by Means of Additional Alloying, by M. P. Braun.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 5, 1955, pp 119-122.

*ATIC MCL-538/III

Structural Peculiarities of Brittle and Tough Fractures of Steel, by B. S. Kasatkin, B. A. Movchan.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 5, 1956, pp 151-153.

EB 4686

Fatigue Strength of Tungsten Carbide-Cobalt Alloys, by G. S. Kreimer, et al.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 3, 1958, pp 113-118.

DSIR LIJ RTS 1280

Endurance Strength Criterion of Certain High-Temperature Alloys for a Complex Stressed Condition, by V. P. Sdobyrev, (DC-3443).

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 6, 1959, pp 93-99.

*JPRS

Scientific
Minerals/Metals (Contd)

Certain Problems on the Theory of Heat Resistance and the Development of New High-Strength Titanium Alloys, by I. I. Kornilov, (DC-3449).

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metal i Toplivo, No 4, 1959, pp 190-199.

*JPRS

The Effect of Vibrations on the Quality of Ingots, by V. F. Kravchenko, et al.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 7, 1959, pp 23-34.

*ATIC MCL-508/III

Seven Years of the Peking Institute of Ferrous Metallurgy, by Kao Yun-shen', (NY-3659).
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 9, 1959, pp 189-194.

*JPRS

On the Manufacture of Chemical Apparatus From Titanium, by A. V. Nosov, (NY-3605).
RUSSIAN, per, Khim Mash, No 5, 1959, pp 35-39.

*JPRS

Certain Metallic Materials for Chemical Machine Building, by G. L. Shvarts, (NY-3605).
RUSSIAN, per, Khim Mash, No 5, 1959, pp 39-42.

*JPRS

Report on Standardization of Methods of Testing Coke Quality, by L. I. Erkin.
RUSSIAN, per, Koks i Khim, No 8, 1958, pp 58-60.

*BISI 1599

All-Union Conference on Problems of the Fuel Base of Ferrous Metallurgy in the USSR, by S. S. Dvorin, (DC-3465).
RUSSIAN, per, Koks i Khim, No 12, 1959, pp 51-54.

*JPRS

Nonoxidizing Heating of Steel in Open Flame Furnaces, by V. A. Kuroyedov.
RUSSIAN, per, Kuznetsko-Shtampovochnoye Proiz, Jan 1959, pp 25-31.

*BISI 1541

Heating Conditions for Steel, by Golovanov.
RUSSIAN, per, Kuznetsko-Shtampovochnoye Proiz, No 10, 1959, p 30.

*BISI 1588

Scientific
Minerals/Metals (Contd)

Effect of Steel Composition on Hot Tearing
in Castings, by N. A. Trubitsyn, P. N.
Bidulya.

RUSSIAN, per, Lit Proiz, No 6, 1958,
pp 22-26.

BISI 1538

The Effect of Residual Austenite, Obtained
During Tempering, on the Resilience and
the Appearance of Fractures in Highly Tem-
pered Chromium-Nickel-Molybdenum Steel, by
A. P. Gulyayev, I. I. Slavina.

RUSSIAN, per, Metal i Obra Metallov, No 3,
1956, pp 15-17.

*ATIC MCL-532/III

Ultrasonic Treatment of Solid Metals and
Alloys for Accelerated Diffusional and
Diffusionless Processes, by E. A. Al'ftan.

RUSSIAN, per, Nauch Dok Vysshey Shkoly,
Metal, No 1, Jan/Mar 1959, pp 18-24.

HB 4715

Coalescence of Graphite in Malleable Iron,
by O. M. Galemina.

RUSSIAN, per, Nauch Dok Vysshey Shkoly,
Metal, No 1, Jan/Mar 1959, pp 168, 169.

HB 4687

The General State of Calculation Methods of
the Strength of Machine Metal Constructions,
by M. M. Gokhberg.

RUSSIAN, per, Problemy Prochnosti v Mash,
No 3, 1959, pp 50-70.

*ATIC MCL-504/III

Degassing of Steel in Ladle and Mold With
Direct Electric Current, by V. I. Yavovskiy,
et al.

RUSSIAN, per, Proiz i Obra Stali i Splavov,
Sbornik 38, Metallurgizdat, Moscow, 1958,
pp 209-225.

HB 4626

Transfer of Carbon Into Solid Solution During
Induction Heating of Chromium Steels, by I. N.
Kidin.

RUSSIAN, per, Proiz i Obra Stali i Splavov,
Sbornik 38, Metallurgizdat, Moscow, 1958,
pp 405-419.

HB 4634

Scientific
Minerals/Metals (Contd)

Ferrites - New Magnetic Materials, by G. Matveyev, G. Khomich, 10 pp.
RUSSIAN, per, Radio, No 8, 1959, pp 52-54.

UBASIA 8C-57c/59

Standard Ferrite Cores, 8 pp.
RUSSIAN, per, Radio, No 8, 1959, pp 55, 56.

USASIA 8C-57d/59

The Behaviour of Sulphur in Blast Furnace Smelting and Ways of Reducing the Sulphur Content of Pig Iron, by V. G. Voskoboynikov.
RUSSIAN, per, Stal, Jul 1955, pp 583-591.

*BISI 1592

On the Origin of Coloured Spots on Tinplate, by N. I. Sander, G. G. Soloveva.
RUSSIAN, per, Stal, (Supplement Metallography and Heat Treatment), 1958, pp 247-250.

*BISI 1570

Relation Between Hydrogen Content in Slag and Metal During the Melting of Steel, by I. I. Begeltsov.
RUSSIAN, per, Stal (Steel Making Processes Supplement), 1958, pp 285-313.

*BISI 1572

Standardization and Classification of Precision Alloys, by D. A. Smolyarenko, T. S. Kaplan, 15 pp.
RUSSIAN, per, Standartizatsiya, No 3, 1959, pp 13-18.

JPRS 1128-D

The Hot Machining of G12 Manganese Steel, by V. G. Lyubimov.
RUSSIAN, per, Stanki i Inst, No 7, 1958, pp 27-29.

TIL 4997

The Mechanism of Brittle Fracture in Steel, by E. S. Karatkin.
RUSSIAN, per, Svaroch Proiz, No 6, 1958, pp 24-28.

*AEC

All-Union Conference on the Development of Production of Electrical Engineering Parts Made of Powder Metallurgy Materials, by E. S. Bystrova, 4 pp.
RUSSIAN, per, Vest Elektroprom, No 10, 1959, pp 79, 80.

JPRS 2213-N

Scientific
Minerals/Metals (Contd)

Deformation and the Role of the Temperature Factor in the Process of Cutting Titanium Alloys, by N. N. Novikov, A. C. Chubarov. RUSSIAN, per, Vest Mash, No 9, 1959, pp 55-59.

*ATIC MCL-521/III

Change of Cell Dimension in Oxidation of Iozite Into Magnetite and Magnemite, by E. P. Sol'daya. RUSSIAN, per, Zadiski Vses Mineral Obshch, No 3, 1957, pp 324-335.

*BISI 1591

Determination of Hydrogen in Ferrous Metals, by F. K. Gerke, N. V. Zolotareva. RUSSIAN, per, Zavod Lab, No 1, 1934, p 19.

*BISI 1547

Concerning the Problem of Determining the Brittle Strength of Metals, by V. S. Smirnov. RUSSIAN, per, Zavod Lab, No 3, 1948, pp 326-330.

*ATIC MCL-535/III

Concerning a Method of Studying the Character of the Destruction of Steel, by B. S. Matapov. RUSSIAN, per, Zavod Lab, No 5, 1949, pp 576-580.

*ATIC MCL-537/III

Determination of the Inclination of Steel to Brittleness in Exploitation Conditions, by Ye. M. Shevandin. RUSSIAN, per, Zavod Lab, Vol XXIII, No 8, 1957, pp 949-953.

*ATIC MCL-528/III

Application of the Photometric Method for Studying Steel Fractures, by Z. N. Krasil'shchikov, Ye. N. Shvach. RUSSIAN, per, Zavod Lab, Vol XXIII, No 8, 1957, pp 959-961.

*ATIC MCL-528/III

Boride Phases in Alloys on Nickel-Chrome Bases, by N. I. Blok, M. N. Kozlova, et al. RUSSIAN, per, Zavod Lab, No 9, 1959, pp 1059-1064.

*ATIC MCL-495/III

The Use of Carbon Steel for the Production of Heat-Treated (Quenched and Tempered), API-E Boring Tubes, by R. Sejncha, V. Smid. CZECH, per, Hutnicke Listy, No 10, 1958, pp 878-881.

BISI 1505

Scientific
Minerals/Metals (Contd)

Modification of Carbon Extraction Replicas
for Austenitic Steels, by I. Hrivnak.

CZECH, per, Hutnické Listy, No 3, 1959,
pp 211-214.

BISI 1508

Weldability of Cast Thirteen Percent
Chromium Steels, by V. Pilous.

CZECH, per, Slevarenství, May 1959, pp 191-194.

*BISI 1585

The Influence of the Properties of the Consti-
tuents of the Blend on the Fissuring of Coke,
by R. Loison, A. F. Boyer.

FRENCH, paper, SA 1, Paris, Jun 1955, pp 1-16.

BISI 1574

Can Fissuring of Coke Be Forecast in the
Control Laboratory, by A. F. Boyer, J.
Lahouste.

FRENCH, per, Industrie Chim Belge, Spec No,
Sep 1954, pp 29-32.

BISI 1575

Influence of Trace Elements on the Forgeability
of Steel, by C. Rossard, P. Blain.

FRENCH, per, Rev Met, Aug/Sep 1959, pp 175-180.

*BISI 1565

Termination of the Basic Bessemer Blow, by
J. Marot, J. Harveng.

FRENCH, per, Rev Met, Oct 1959, p 211.

*BISI 1546

Heat Evolution From Mild Steel Ingots in
Ingot Moulds, by P. Parmentier, R. Sevrin.

FRENCH, per, Rev Univ Mines, 9th Ser, 1959,
pp 783-795.

*BISI 1579

Welding Behaviour of Metals, 10 pp.

FRENCH, per, Soudage et Techniques Connexes,
Vol X, Jan/Feb 1958, pp 7-10. 9045867

ACSTL 1076

The Influence of Finely Dispersed Precipitates
on the Coercive Force of Transformer Sheets,
by R. Wagner.

GERMAN, per, Acta Metallurgica, Jul 1959,
p 523.

BISI 1549

Scientific
Minerals/Metals (Contd)

Investigations of a New Kind of Secondary Recrystallization in Iron - Three Percent Silicon Alloy, by K. Detert.

GERMAN, per, Acta Metallurgica, Sep 1959, pp 589-598.

BISI 1543

Study of the Behavior of Iron Ores During Sintering. Part II (Concluding), by W. von dem Esche, O. Steinhauer.

GERMAN, per, Archiv Eisenhuettenwesen, Vol XXX, No 4, 1959, pp 195-198.

HB 4725

Equilibria Between Iron and Lime-Containing Phosphate Slags, by G. Troemel, H. W. Fritze.

GERMAN, per, Arch Eisenhuettenwesen, Aug 1959, pp 461-472.

BISI 1462

Displacement of the Non-Variant Point Between Iron, Wuestite, Magnetite, and Oxygen in the Iron-Oxygen System by Alloying Elements or Foreign Oxides and the Effects on the Behaviour of Ferrous Alloys in Scaling, by E. Brauns, et al.

GERMAN, per, Arch Eisenhuettenwesen, Sep 1959, pp 553-564.

*BISI 1551

Contribution to the Metallurgy of the LD Process, by E. Ploekinger, M. Wahlster.

GERMAN, per, Berg- und Huettenmannesche Monatshefte, Vol CIV, No 10/11, 1959, pp 225-227.

HB 4729

Relationships Between Preparation, Coking and Blast Furnace, by W. Reerink, K. Lemke.

GERMAN, per, Glueckauf, 21 Jun 1958, pp 832-842.

*BISI 1593

The Influence of the Surface Boundary Zone on the Frictional Behaviour of Austenitic Material During Cold Transformation Encountered During Deep-Drawing, by H. Wiegand, K. H. Kloos.

GERMAN, per, Metalloberflaeche, Aug 1959, pp 229-233.

*BISI 1573

Scientific
Minerals/Metals (Contd)

Conchoidal Fractures in Nickel-Vanadium Steels, by Z. Ewing.

GERMAN, per, Neue Huette, Oct 1959, pp 596-608.

*BISI 1553

Exposure and Determination of Oxide Inclusions in High Chromium Steels and Experimental Separation of Oxides in 18/8 Steels, by E. Piper, et al.

GERMAN, per, Radex Rund, Mar 1957, pp 776-778.

*BISI 1596

A Solution Microtechnique for the Spectrochemical Analysis of Oxide Inclusions in Steels, by S. Meyer, O. G. Koch.

GERMAN, per, Spectrochimica Acta, No 8, 1959, pp 549-556.

*BISI 1569

The Storage Bin on Wheels, by G. Dilli.

GERMAN, per, Stahl u Eisen, 23 Jul 1959, pp 1041-1057.

*BISI 1587

Briquetting of Iron Ores With the Use of Basic Fluxes, by W. Petersen, S. Wawroschek.

GERMAN, per, Stahl u Eisen, No 19, 1959, pp 1334-1344.

HB 4700

Influence of Ageing on the Precipitation Phenomena Occurring in Temper-Rolled Sheets Made of Deep-Drawing Steel, by P. Funke, W. Lueg.

GERMAN, per, Stahl u Eisen, Oct 1959, pp 1398-1411.

*BISI 1561

Observation of the State of the Bath and Slag During the Refining of Steel in the Basic Converter, by H. Voegel, E. Rickworth.

GERMAN, per, Stahl u Eisen, 12 Nov 1959, pp 1715-1722.

BISI 1527

Production of Steel From High Phosphorus Pig Iron by Blowing Oxygen Together With Lime Dust on to the Surface of the Bath, by P. Metz, et al.

GERMAN, per, Stahl u Eisen, 7 Jan 1960, pp 20-27.

*BISI 1576

Scientific
Minerals/Metals (Contd)

The Reactive Capacity of Blast Furnace
Slags for Sulphated Metallurgical Cement,
by S. Tsumura.

GERMAN, per, Zement-Kalk-Gips, Sep 1959,
pp 392-408.

BISI 1501

The Plastic Behaviour of Lime Mortar, by
A. Backman.

GERMAN, per, Zement-Kalk-Gips, No 10, 1959,
pp 449-456.

BISI 1500

Reduction of Magnetite in Blast Furnace, by
R. Zoja, et al.

ITALIAN, per, Metallurgia Italiana, No 3,
1959, pp 89-93.

HB 4769

Studies on the Hot Working Strength of Steels.
II. High Temperature Deformation Strength of
Various Steels, by K. Inouye.

JAPANESE, per, Tetsu to Hagane, Jun 1955,
pp 593-601.

BISI 1430

Hydrodynamics of Molten Steel When Teeming,
II, by Y. Koike.

JAPANESE, per, Tetsu to Hagane, Mar 1958,
pp 260-262.

BISI 1477

The Effect of Niobium on the High Temperature
Properties of Austenitic Stainless Steel, by
T. Tsuchiya.

JAPANESE, per, Tetsu to Hagane, Sep 1958,
pp 1132-1134.

*BISI 1568

Factors Influencing the Behaviour of Some
Types of Austenitic and Ferritic Steel
During Hot Plastic Deformation, by E.
Terlecki.

POLISH, per, Hutnik, Jun 1957, pp 222-227.

*BISI 1557

Polarized Light in Metallography. Application
to the Determination of the Austenitic Grain
Size, by F. M. del Corral.

SPANISH, per, Inst Hierro Acero, Oct 1954,
pp 464-467.

*BISI 1531

Scientific
Minerals/Metals (Contd)

The Hot Torsion Test as a Method of Assessment
of the Forgeability of Steel, by G. Wallquist,
J. C. Carlen.

SWEDISH, per, Jernkont Ann, No 1, 1959,
pp 1-28.

BISI 1495

International Academic Relations of the Insti-
tute of Powder Metallurgy and Special Alloys
of the Ukrainian Academy of Sciences, by G.
Samsonov, V. Paderno, 4 pp.

UKRAINIAN, per, Visnyk Ak Nauk Ukraini RSR,
Vol XXX, No 7, 1959, pp 64-66.

JPRS 1174-D

Scientific
Nuclear Physics

Nuclear Detonation and Some Problems
in Atomic Defense, by A. V. Zibergal',
I. Ya. Margulis, 68 pp.
RUSSIAN, bk, publ by State Publ House
of Med Lit, Moscow, 1958.

AEC NP Tr 306

Fission Cross Sections of U^{233} and U^{235}
For Neutrons With Energy From 3 to 800
kev, by G. V. Gorlov, B. M. Gokhberg, V. M.
Morozov, G. A. Otroshchenko, V. A. Shigin, 9 pp.
RUSSIAN, per, Atomnaya Energ, Vol VI, 1959,
pp 453-457.

AEC Tr 3913

Use of the Reaction $^{18}O(\alpha, n)^{21}Ne$ For
Determining the Concentrations of α -Active
Materials in Aqueous Solutions, by V. V.
Ivanova.
RUSSIAN, per, Atomnaya Energ, Vol VII, No 2,
1959, pp 166-168.

*AEC

A Neutron Detector With Constant Sensitivity
to Neutrons With Energies Between 0.025 and
14 Mev, by P. I. Vatsev, et al.
RUSSIAN, per, Atomnaya Energ, Vol VII, No 2,
1959, pp 172, 173.

*AEC

The Tissue Dose From Neutron Irradiation, by
A. M. Kogan, et al.
RUSSIAN, per, Atomnaya Energ, Vol VII, No 4,
1959, pp 351-362.

*AEC

The Soviet Contribution Toward Peaceful Use
of the Thermonuclear Reaction, 3 pp.
CZECH, per, Sdelovaci Technika, No 5, 1959,
Prague, p 190.

USASIA SC-97b/59

Marcoule Nuclear Centre-Prestressed Concrete
Shields for Reactors G2 and G3, by J.
Bellier, M. Tourasse.
FRENCH, per, Ann Inst Tech Batiment et Trav
Publ, Supple 139, 140, Jul/Aug 1959.

*AEC

Scientific
Nuclear Physics (Contd)

International Organizations for Nuclear Energy, by A. Rossignol.

FRENCH, per, Energie Nucleaire, Vol I, No 4, Jul/Aug 1959, pp 141-152.

Navy 2422/ONI 643

Plutonium Production at Marcoule, by F. G., 8 pp.

FRENCH, per, Industries Atomiques, Vol III, No 9/10, 1959, pp 99-102.

JPRS 2257

Study of the Corrosion of Monocrystals of High Purity Aluminum (99.99%) by Water at Elevated Temperature, by P. Lelong, J. Herenguel, 24 pp.

FRENCH, per, J Nuclear Materials, Vol I, 1959, pp 58-72.

AEC Tr 3876

Nuclear Projects of Electricite de France in Process and Being Planned. Parts III and IV, by J. P. Roux, 19 pp.

FRENCH, per, Rev Gen Elec, Vol LXVII, 1958, pp 354-364.

AEC IGIS-36(RD/R)

The 160 MWE OMR Nuclear Power Station, by V. Scheller.

GERMAN, per, Atom und Strom, Vol V, No 9, 1959, pp 71-77.

*AEC

Determining the Age of Nuclear Fission Products in the Atmosphere, by F. Ludwig.

GERMAN, per, Atompraxis, Vol V, No 9, 1959, pp 339-342.

*AEC

Atomic Cities in the Soviet Union (Nuclear Energy Facilities), by Bjoern Svendsen, 6 pp.

GERMAN, per, Wehr und Wirtschaft, No 11, 1959.

Navy/ONI 5086190

Atomic Reactor, 5 pp.

HUNGARIAN, per, Fizikai Szemle, Vol IX, No 8, pp 232-239.

AF 1269105

3

Scientific
Nuclear Physics (Contd)

Nuclear Power Station for Seln.
ITALIAN, per, Quaderni, Vol XV, 1959,
pp 485-491.

*AEC

Semi-Homogeneous High-Temperature Gas-
Cooled Breeder Reactors, by K. Inoue,
T. Kuroyanagi, S. Yajima, 90 pp.
JAPANESE, bk, Atomic Energy Research Inst,
Tokyo, 1958.

AEC Tr 3620

Nuclear Isomerism and Atomic Spectra, (Part I),
by R. Weiner, 15 pp.
RUMANIAN, per, Acad Rep Populare Romine,
Inst Fiz Atomica si Inst Fiz Studii
Cercetari Fiz, Vol VII, 1956, pp 567-577.

AEC NP Tr 317

Scientific

Physics

Problems of Dynamic Theory in Statistical Physics, by N. M. Bogolyubov.
RUSSIAN, bk, Federal Publ House for Tech Theoretical Lit, Moscow, 1946.

*AEC

Converse Functions and Orlich Spaces, by M. A. Krasnosel'skiy, Ya. B. Rutitskiy.
RUSSIAN, bk, Moscow, Gos Izdat Fiz-Mat Lity-Ry, 1958, 271 pp.

*AEC

Photoplasticity, by S. I. Gubkin, S. I. Dobrovol'skiy, 194 pp.
RUSSIAN, bk, Fotoplastichnost, 1957.

AEC NP Tr 310

Concerning Nonlinear Theory of a Stratified Positive Column, by N. M. Chapnik, 9 pp.
RUSSIAN, rpt, K Nelineynoy Teorii Sloistogo Polozhitel'nogo Stelba, 1958, pp 1-7.

ATIC MCL-168/V

Certain Strength Problems of Solids; Collection of Articles.
RUSSIAN, bk, Nekotoryye Problemy Prochnosti Tverdogo Tela; Sbornik Statey, Ak Nauk SSSR, 1959, pp 68-75, 76-86, 87-92, 93-98, 140-151, 152-164, 172-178, 194-206, 230-237, 268-272, 325-338.

*ATIC MCL-505/III

Thermodynamic Properties of Air in the Temperature Interval From 1000 to 12,000 K and the Pressure Intervals From 0.001 to 1000 Atm, by E. V. Stupochenko, I. P. Stakhanov, E. V. Samuilov, A. S. Pleshanov, I. B. Rozhdestvenskiy, 15 pp.
RUSSIAN, bk, Fizicheskaya Gazdinamika, USSR Acad Sci, pp 3-38.

ARS, Vol XXX, No 1

Formation of a Shock Discontinuity Ahead of a Flame Front, by G. D. Salamandra, O. A. Tsukhanova, 7 pp.
RUSSIAN, bk, Fizicheskaya Gazdinamika, USSR Acad Sci, pp 151-162.

ARS, Vol XXX, No 1

Scientific
Physics (Contd)

Interaction Between a Flame and a Shock Discontinuity, by G. D. Salamandra, 3 pp.
RUSSIAN, bk, Fizicheskaya Gazdinamika, USSR Acad Sci, pp 163-166.

ARS, Vol XXX, No 1

Statics of Thin-Walled Elastic Shells, by A. L. Lur'ye, 214 pp.
RUSSIAN, bk, Statika Tonkastennykh Uprugikh Obolochek, Moscow, 1947, 252 pp.

AEC Tr 3798

Ultrasonics in Metal Working Industry, by S. S. Slobodyannikov.
RUSSIAN, bk, Ul'trazvukovaya Obrabotka Promyshlennyykh Izdeliy, Moscow, 1959, pp 43-52.

*ATIC MCL-492/III

Seventh Scientific Conference on the Use of Ultra-Acoustics in the Study of Matter, by L. G. Merkulov, 3 pp.
RUSSIAN, per, Akust Zhur, Vol V, No 2, 1959, pp 255, 256.

JPRS-2138-N

A Colloquium in Budapest, Hungary, Concerning Acoustics and Ultrasonics, by T. Tarnotsi, 3 pp.
RUSSIAN, per, Akust Zhur, Vol V, No 5, 1959, pp 504, 505.

JPRS-1120-D

The Rate of Growth of the Nucleus of a New Phase During the Isothermal Decomposition of a Solid Solution, by B. Y. Lyubov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXII, No 2, 1950, pp 273-275.

DSIR LLU M.1070

On Relation Between Certain Thermal Characteristics of Solid Bodies, by V. S. Neshpor.
RUSSIAN, per, Fiz Metal i Metall, Vol VII, No 4, 1959, pp 559-564.

*ATIC MCL-493/III

The Effect of Ultrasound in a Crystallization Process on the Structure and Properties of Aluminum Silicon Alloys, by N. N. Sirota, et al.
RUSSIAN, per, Fiz Metal i Metall, Vol VII, No 6, 1959, pp 879-884.

*ATIC MCL-510/III

Scientific
Physics (Contd)

Sensitometric Quality Control of Film
Treatment in Laboratories, by D. A.
Yanutsh.

RUSSIAN, per, Geodesy i Kartografiya, No 8,
1958, pp 46-48.

ATIC MCL-163/V

Magnetic Emission of High Temperature Plasma,
by B. A. Trubnikov.

RUSSIAN, per, Inst Atomnoy Energii Ak Nauk
SSR, Moskovskii Inz-Fiz Inst, 1958, 98 pp.

*AEC

Electronic Analytic Balances, by A. A.
Sekolev, V. I. Aleksandrov.

RUSSIAN, per, Izmeritel' Tekh, No 5, 1958,
p 24.

Navy 2415/T-107

The Dependence of the Quality of Quartz
Lenses on Their Geometrical Dimensions, by
E. D. Novgorodov, N. Kh. Neparikhadze.

RUSSIAN, per, Izmeritel' Tekh, No 5, 1958,
p 65.

Navy 2416/T-109

Experimental Verification of the Applicability
of the Wave Equation to the Computation of
Machine Parts for Stability in Longitudinal
Impact, by S. C. Mazitov, 17 pp.

RUSSIAN, per, Iz Ak Nauk, Otdel Estestven
Nauk, Tadzhik SSR, Vol XIII, 1956, pp 65-75.

AEC Tr 3867

Heat Exchange in a Bed of Particles Heated
by a Stream of Hot Gas, by O. A. Tsukhanova,
E. A. Shapatina.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, No 7, 1943, pp 62-72.

DSIR LLU M.1231

The Fundamental Theory of Drying of Finely
Porous Bodies by Infrared Rays, by A. V.
Lykov.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, No 9, 1949, p 1320-.

DSIR LLU M.1195

Scientific
Physics (Contd)

On the Determination of Coefficients of Heat Exchange in a Layer of Granular Material, by N. M. Karavayev, V. P. Maykov.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 11, 1957, pp 69-74.

DSIR LLU M.944

Information on the Status of Soviet Research in Hypersonics, by M. S. Solomonov, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 9, 1958, pp 157-159.

JPRS-L-1188-N

The Development of the Process of Combustion of Moving Particles Under Nonstationary Hydrodynamic and Thermal Conditions, by V. A. Popov.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 12, 1958, p 90.

Navy 2418/T-132

On the Theory of Gas Flow in the Layer Between the Surface of a Shock Wave and the Blunt Surface of a Rotating Body, by N. A. Slezkin, 16 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 2, Mar/Apr 1959, pp 3-12.

JPRS-L-1188-N

Connection Between the Flame Temperature Measured by Optical Means and by Other Methods, by K. P. Vlasov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Energet i Avtomat, No 3, 1959, pp 100-103.

ARS, Vol XXX, No 1

Approximation Method of Calculation Shock Waves and Their Interactions, by G. M. Lyakhov, N. I. Polyakova, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 2, Mar/Apr 1959, pp 13-18.

JPRS-L-1188-N

Deceleration of a Supersonic Flow in Wind Tunnel Diffusers, by N. N. Shirokov, 12 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 2, Mar/Apr 1959, pp 19-24.

JPRS-L-1188-N

Secretariat

Physics (Contd)

Shock Tubes for Measuring Drag Coefficients of Bodies in Free Flight, by Yu. A. Dunayev, G. I. Mishin, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 2, Mar/Apr 1959, pp 188-190.

JPRS-L-1188-N

The Effective Dynamic Parameters of Inhomogeneous Elastic Media for Plane Longitudinal Wave Propagation, by I. M. Khaikovich, L. A. Khalfin.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 4, 1959, pp 505-515.

ATS RJ 1813

Calculation of Orthotropic Conical Shell for Arbitrary External Load, Using the Method of V. Z. Vlasov, by V. A. Sibiryakov, 5 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO, Aviatonnaya Tekh, No 2, 1959, pp 72-82.

ARS, Vol XXX, No 1

Scientific Research Work at the Chair of Radiophysics of Nanking University, by Po Zya-sheng, 4 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Radiotekh, No 4, Kiev, 1959, pp 498, 499.

JPRS-L-1996-D

Popular Science Writing in the USSR. The Revolution in Physics Continues, by Vladimir Lvov, 3 pp.

RUSSIAN, np, Literaturnaya Gazeta, 24 Sep 1959.

Internatl Arts, and
Sci Press
Soviet Highlights
Vol II, No 1

Infrared and Combination Spectra of Boron Anhydride. II. Infrared Spectrum and Structure of Boron Anhydride Molecules, by T. A. Siderov, N. N. Sobolev.

RUSSIAN, per, Optika i Spektroskopiya, Vol III, No 6, 1957, p 560.

Navy 2419/T-151

Investigation of the Instantaneous Brightness of a Flash Discharge, by F. A. Charnaya, 11 pp.

RUSSIAN, per, Optika i Spektroskopiya, Vol IV, 1958, pp 725-733.

AEC Tr 3681

Scientific
Physics (Contd)

Determining Cross of the Adhesion of Slow Electrons to Molecules, by N. S. Buchel'-nikova.

RUSSIAN, per, Prib 1 Tekh Eksper, No 6, 1958, pp 89-93.

*ATIC MCL-509/III

Investigations of Slow Neutron Counters, by V. Ya. Savel'ev, V. A. Kononenko.

RUSSIAN, per, Prib 1 Tekh Eksper, No 1, 1959, pp 61-64.

*AEC

A Neutron Spectrometer With a Flat Crystal, by Y. Y. Kanakhovich, et al.

RUSSIAN, per, Prib Tekh Eksper, No 3, 1959, pp 26-31.

*AEC

A Gas-Discharge Scintillation Counter, by L. S. Sorokin.

RUSSIAN, per, Prib Tekh Eksper, No 3, 1959, pp 57, 58.

*AEC

Boron Ionization Chambers, by A. B. Dmitryev, et al.

RUSSIAN, per, Prib Tekh Eksper, No 3, 1959, pp 59-62.

*AEC

Transforming Pulse-Height Distributions Into Energy Spectra, by Y. A. Kazanskiy.

RUSSIAN, per, Prib Tekh Eksper, No 4, 1959, pp 32-36.

*AEC

A Miniature ^3He Ionization Chamber With Pressures up to 4 atm, by A. I. Abramov.

RUSSIAN, per, Prib Tekh Eksper, No 4, 1959, pp 56, 57.

*AEC

On B. G. Galerkin's Method in the Calculus of Variations and the Theory of Elasticity, by I. A. Perel'man.

RUSSIAN, per, Prik Matemat i Mekh, Vol V, No 3, 1941.

*Navy/APL

Section 1111

Physics (Contd)

The Physics of Dielectrics, by A. N. Gubkin, B. N. Matsonashvili, 7 pp. RUSSIAN, per, Priroda, No 6, 1959, pp 57-61.

USASIA SC-48b/59

Effectiveness of the Relieving Action in the Presence of an Ultimate Number of Equal Openings (Notches), by R. D. Vagapov, O. I. Shishorina. RUSSIAN, per, Problemy Prochnosti v Mashinostroyeni, No 3, 1959, pp 26-49.

*ATIC MCL-504/III

Measuring the Yield Point During an Impact Load, by Yu. Ya. Voloshenko-Klimovitskiy. RUSSIAN, per, Problemy Prochnosti v Mashinostroyeni, No 3, 1959, pp 89-95.

*ATIC MCL-504/III

The Influence of Temperature on the Structural Viscosity of Ceramic Slips and the Rate of Body Formation, by I. Ya. Piven. RUSSIAN, per, Steklo i Keramika, Vol XI, No 9, 1954, p 8.

DSIR LLU M.1182

Determination of Diffusion Coefficients of Certain Ions in Selenium by the Beta-Ray Absorption Method, by A. A. Kuliev. RUSSIAN, per, Trudy Inst Fiz i Mat, Ser Fiz, Ak Nauk Azerbaydzhan SSR, Vol IX, 1958, pp 5-9.

DSIR LLU RTS 1293

On the Effect of Chlorine Admixtures on the Thermal Conductivity of Selenium, by G. M. Aliev, G. B. Abdullayev. RUSSIAN, per, Trudy Inst Fiz i Mat, Ser Fiz Ak Nauk Azerbaydzhan SSR, Vol IX, 1958, pp 20-25.

DSIR LLU RTS 1294

The Effect of Iodine on the Electrical and Thermal Properties of Selenium, by M. I. Aliev. RUSSIAN, per, Trudy Inst Fiz i Mat, Ser Fiz Ak Nauk Azerbaydzhan SSR, Vol IX, 1958, pp 27-39.

DSIR LLU RTS 1295

Scientific
Physics (Contd)

Effect of Bromine Admixtures on Some
Physical Properties of Selenium, by
A. A. Bashshaliyev.

RUSSIAN, per, Trudy Inst Fiz i Mat, Ser
Fiz Ak Nauk Azerbaydzhan SSR, Vol IX, 1958,
pp 42-57.

DSIR LLU RTS 1296

Effect of Bromine Impurities on the Thermal
Conductivities of Amorphous and Crystalline
Selenium, by A. A. Bashshaliyev.

RUSSIAN, per, Trudy Inst Fiz i Mat, Ser
Fiz Ak Nauk Azerbaydzhan SSR, Vol IX, 1958,
pp 60-68.

DSIR LLU RTS 1297

Reflex Regulation of Milk Ejection, by M. A.
Gofman.

RUSSIAN, per, Trudy Inst Fiz imeni I. P.
Pavlova, Vol IV, 1955, pp 22-33.

DSIR LLU RTS 1244

Reflex Regulation of the Tonus of the Walls
of the Udder Cistern and of the Intra-Mammary
Pressure, by M. G. Zaks.

RUSSIAN, per, Trudy Inst Fiz imeni I. P.
Pavlova, Vol IV, 1955, pp 34-50.

DSIR LLU RTS 1245

Method of Determining the Oscillation Period
of Pendulums From Observations With Synchronous
Clocks, by N. M. Medvedev, 15 pp.

RUSSIAN, per, Trudy Vses NII Metrologiy, 1954,
No 23, pp 49-58.

ATIC MCL-16/V

General Meeting of the Department of
Physicomathematical Sciences of the Academy of
Sciences Ukrainian SSR, by V. Shevele, A.
Moskalyuk, 6 pp.

RUSSIAN, per, Ukrain Matemat Zhur, Vol XI, No 3,
Kiev, Jul/Sep 1959, pp 336-338.

JPRS-2201-N

Stratification of Solutions of Liquid Helium
Isotopes at Very Low Temperatures, by R.
Chentsov, 3 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXIV, 1958,
pp 195, 196.

AEC Tr 3683

Scientific
Physics (Contd)

Investigation of Certain Problems of
Detonation and Combustion in Media of
Variable Density, by I. S. Shikin, 10 pp.
RUSSIAN, per, Vest Moskov U, No 4, 1957,
pp 49-59.

ACSI, H-2030

Rapid Analysis of Clays and Firebricks
Materials, by A. I. Scharfstein, A. K.
Dialonenk.
RUSSIAN, per, Zavod Lab, Vol IX, 1940, p 1227.

DSIR LLU M.1175

The Theory of a Diagram of Additive Defor-
mations and a Calculation of Actual Resistance
by Destruction, by V. Ya. Shekhter.
RUSSIAN, per, Zavod Lab, No 8, 1949,
pp 957-961.

*ATIC MCL-526/III

Spectrographic Analysis of Rare Earth Elements,
by P. M. Polyakov, A. K. Rusanov, 13 pp.
RUSSIAN, per, Zavod Lab, Vol XXIII, No 5, 1957,
pp 564-569.

JPRS 2261

Determining the Critical Range of Brittleness
During the Stretching of Smooth Samples, by
I. Ye. Kontorovich, B. M. Voshedchenko.
RUSSIAN, per, Zavod Lab, No 11, 1957,
pp 1362-1365.

*ATIC MCL-511/III

Immersion Thermocouples, by S. K.
Danishevskiy.
RUSSIAN, per, Zavod Lab, Vol XXIV, No 12,
1958, pp 1470-1475.

*AEC

"Introscopy" (Non-Destructive Testing) of
Opaque Materials, by P. K. Oshchepkov.
RUSSIAN, per, Zavod Lab, Vol XXV, No 6,
1959, pp 684-689.

*AEC

Separation Methods for Use in Analysing
Mixtures of the More Important Fission
Products (review), by Y. Bar.
RUSSIAN, per, Zavod Lab, Vol XXV, No 8,
1959, pp 917-926.

*AEC

Scientific
Physics (Contd)

On the Possibility of Detecting a Centre of Symmetry of a Crystal by X-Ray Analysis, by A. I. Kitaigorodskiy.

RUSSIAN, per, Zhur Fiz Khim, Vol XXV, 1951, pp 127, 128.

DSIR LRU M.1022

Overvoltage of Cathodic Reduction of Oxygen and Energy of Activation of the Corresponding Electrochemical Processes, by A. U. Akopyan.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 7, 1959, pp 1625-1631.

Navy 2407/NRL 769

The Only Statistical Theory of the Stability of Solids, by S. D. Volkov.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIII, No 11, 1953, pp 2025-2037.

*ATIC MCL-507/III

Concerning the Nature of Necking Down in the Expansion of Samples, by N. N. Davidenkov.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXV, No 5, 1955, pp 877-880.

*ATIC MCL-529/III

Concerning the Origin of Cracks Due to the Brittle Strength of Bodies, by B. Ya. Pines.

RUSSIAN, per, Zl Tekh Fiz, Vol XXV, No 8, 1955, pp 1399-1404.

*ATIC MCL-530/III

An Experiment in Producing Reaction Thrust in a Laboratory Model of an Ion Engine, by Yu. Ya. Stavisskiy, I. I. Bondarenko, V. I. Krotov, S. Ya. Lebedev, V. Ya. Pupko, E. A. Stumbar, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XIX, No 8, 1959, pp 962-966.

ATIC MCL-426/V

Effect of Infrared Irradiation During Excitation on the Phosphorescence of ZnS-Cu-Sm, by Hsu Ju-chun, Wang Jui-min, Chung Ko-i, Huang Mei-Jung, (DC-3519).

CHINESE, per, Wu-li Hsueh-pao, Vol XV, No 10, 1959, pp 550-557.

*JPRS

Scientific
Physics (Contd)

The Electrolytic Preparation of MnO_2 , by
Vaclav Srb, Milan Franz, 22 pp.
CZECH, per, Sbornik Vysoke Skoly Chemicko-
Technologicke, pp 51-69.

USASIA SC-45/60

Application of Float Method for Precision
Measurement of Density of Water Between
3.7 and 4.2°C and for Density Measurements
of Very Small Samples of Solid Substances,
by J. Spaepen, 20 pp.
DUTCH, per, Mededel Koninkl Vlaam Acad
Wetenschap Belg Kl Wetenschap, Vol XIX,
No 5, 1957, 24 pp.

AEC Tr 3847

Thoracic Pressure Symptoms in Explosive
Decompression, by W. M. Porton, 23 pp.
DUTCH, per, Militaire Geneeskundige Tschr,
Vol X, No 9, 1957, pp 264-274.

ATIC MCL-425/V

Quasi-Elastic Scattering of Fast Nucleons by
Light Nuclei. Influence of a Complex
Potential, by N. Bessis, 6 pp.
FRENCH, per, Comptes Rendus, Vol CCXLVIII,
1959, pp 2168-2170.

AEC NT Tr 318

Use of the Electron Microscope for Direct
Examination of Thin Films of Metals and Alloys,
Parts I and II, by C. Beauvais, 40 pp.
FRENCH, per, Metaux-Corrosion-Industries,
Vol XXXIV, 1959, pp 247-257, 291-301.

AEC HW Tr 8

Instantaneous Measurement of Flame Tempera-
tures, by A. Moutet.
FRENCH, per, Onera Note Technique, No 88,
1957.

TIL 4973

The Weakening of X-Rays in the Wave-Length
Range $\lambda = 0.001$ to $\lambda = 10 \mu$, by E. A. W.
Mueller.
GERMAN, bk, publ by Siemens and Halske, A.G.

*BISI 1589

Ultrasonic Determination of the Size of
Defects, by J. Krautkramer.
GERMAN, per, Arch Eisenhuettenwesen, Nov 1959,
pp 693-703.

*BISI 1566

Scientific
Physics (Contd)

Calculation of Wall Thickness of Boilers
and Pressure Vessels.

GERMAN, per, Brennstoff-Warme-Kraft,
Vol III, 1951, pp 422-426.

*AEC

On Spectrum Excitation in Spark Discharges,
by S. L. Mandelstam, 10 pp.

GERMAN, per, Colloquium Spectroscopicum
Internationale VI, 1956, pp 245-251.

ATIC MCL-172/V

The Measurement of Spectral Reflectance of
White Standards. I. The Measurement of
Sphere Paint, by W. Budde, 12 pp.

GERMAN, per, Die Farbe, Vol VII, May 1958,
pp 17-24.

Natl Bur of Standards

The Measurement of Spectral Reflectance of
White Standards. II. The Measurement of Any
Desired White Standards, by W. Budde, 7 pp.
GERMAN, per, Die Farbe, Vol VII, Dec 1958,
pp 295-298.

Natl Bur of Standards

Advances of High-Frequency Cinematography,
by F. Trommer.

GERMAN, per, Feingeräte Technik, No 1, 1955,
Berlin, pp 19-21.

USASIA SC-9b/60

Ultrasonic Image Conversion Using the Screen
Reflection Method, by G. Spangler, 21 pp.

GERMAN, per, Feingeräte Technik, No 9,
1959.

USASIA SC-63/59

A New Precision Goniometer and Its Use.

GERMAN, per, Feinmechanik und Optik, No 5,
1954, Berlin, pp 106-109.

USASIA SC-14/60

Measurement of Very Low Activities in Water,
by V. Vesely, J. Napravník, 9 pp.

GERMAN, per, Jaderna Energie, Vol III, No 12,
1957, pp 406-409. 9045368

ACSIL 1167

Scientific
Physics (Contd)

On the Behavior of a Plasma Under Fast-Changing Conditions, by R. Rompe, H. Rother.

GERMAN, per, Monatsberichte der Deutschen Ak der Wissenschaften zu Berlin, Vol I, No 1, 1959, Berlin, pp 32-34.

USASIA SC-72c/59

Interpretation of High Energy Nucleon-Nucleon Exchange Effects With the Two-Center Model, by J. Burmeister, K. Lanius, H. W. Meier, 7 pp.

GERMAN, per, Monatsberichte der Deutschen Akademie der Wissenschaften zu Berlin, Vol I, No 3, 1959, pp 160-164.

USASIA SC-74/59

Combined Platinum-Carbon Evaporation as a Preparatory Technique in Electron Micrography, by F. W. Gunther, D. Raab.
GERMAN, per, Neue Huette, Feb 1959, pp 113-115.

*BISI 1571

Propagation of Sound in Partly Dissociated Gases, by A. Einstein, 7 pp.
GERMAN, per, Preuss Ak Wiss Ber, Vol XIX, 1920, pp 380-385. 9045871

ACSIL 936

The Detection of Defects by Ultrasonic Testing, by H. Krainer.
GERMAN, per, Schweisstechnik, No 3, 1958, pp 28-32.

BISI 1486

Magnetic Particle Inspection and the Most Recent Methods of Indication, by H. J. Marschall.
GERMAN, per, Werkstatt u Betrieb, Nov 1958, pp 649-653.

*BISI 1567

Electrokinetics of Liquid Metals, by A. Klemm, 14 pp.
GERMAN, per, Z Naturforsch, Vol XIIIa, 1958, pp 1039-1043.

AEC NP Tr 314

The Discharge Forms in the Cylindrical Counting Tube, by Sven Werner.
GERMAN, per, Z Physik, Vol XC, 1934, pp 384-402.

AEC SCL T-285

Scientific
Physics (Contd)

Photographic Apparatus Provided With a Plurality of Lenses, for Graphic, **Photographic, Aerophotographic Reproductions** and for the Immediate Multiplication of a Single Model as Well as for Motion Picture Projection, by Giorgio Valenti, 16 pp.
ITALIAN, Patent No 548,342.

Patent Office

Measuring the Sound Field Near the Surface of a Transmitter, by J. Saneyoshi.
JAPANESE, rpt, Internatl Congress on Acoustics in Stuttgart, (1958 or 1959).

*Navy/NRL

Change of Anode Potential of a Calomel Electrode in Electrolysis, by Hisao Hayakawa, 4 pp.
JAPANESE, per, Bunseki Kagaku, Vol VIII, 1959, pp 456, 457.

AEC Tr 3897

The Treatment of the Problem "The Scientific Bases of Strength and Plasticity," by V. F. Yatsenko, (NY-3480).
UKRAINIAN, per, Prikladna Mekhanika, Vol V, No 3, Kiev, 1959, pp 344-348.

*JPRS

Search 1110
Space Research

Optical Methods of Observing Artificial Earth Satellites, by I. S. Shklovskiy, (DC-3466).

RUSSIAN, bk, Izobretennyye Sputniki Zemli, No 1, 1958, pp 44-49.

*JPRS

Cosmic Ray Study, by S. G. Aleksandrov, R. Ye. Fedorov, 11 pp.

RUSSIAN, monograph, Sovet Sputniki i Kosmicheskaya Raketa, Moscow, 1959, pp 95-105, 152-155, 178-180.

AF 1256362

Some Results and Prospects of Studies in the Field of Cosmic Biology, by V. V. Parin, V. N. Chernigovskiy, V. I. Yazdovskiy, (DC-3490).
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 1, Jan/Feb 1960, pp 3-18.

*JPRS

New Jump Into the Cosmos.

RUSSIAN, np, Komsomolskaya Pravda, No 157, 7 Jul 1959, p 1.

*ATIC MCL-359/III

Explorers of High Altitudes.

RUSSIAN, np, Pravda, No 189, 8 Jul 1959, p 6.

*ATIC MCL-358/III

First Flight to the Moon, (NY-3558).

RUSSIAN, per, Priroda, No 10, 1959, pp 1-8.

*JPRS

The Routes From Earth to Moon, by G. I. Pokrovskiy, 4 pp.

RUSSIAN, np, Sovet Aviatsiya, No 244, 16 Oct 1959, p 3.

AF 1256287

Sputniks and Weather.

RUSSIAN, np, Sovet Aviatsiya, 9 Feb 1960, p 3.

*AID

Construction in Outer Space, by G. Pokrovskiy, 5 pp.

RUSSIAN, per, Tekhnika Molodezhi, No 10, 1959, pp 37, 38.

AF 1256387

Investigation of the Moon With Rocket Apparatus, by G. V. Petrovich, (DC-3438).

RUSSIAN, per, Vest Ak Nauk SSSR, No 11, 1959, pp 3-22.

*JPRS

Scientific
Space Research (Contd)

Moscow's Clothing for Space Travelers.
GERMAN, np, Der Mittag, 8 Jan 1960, p 3.

*AID

Investigations of the Ionosphere With
the Help of Missiles and Satellites, by
T. Orhaug.

GERMAN, per, Radio und Fernsehen, No 13,
Jul 1959, Berlin, pp 396, 397.

USASIA SC-83a/59

Exploration of the Upper Atmosphere With
the Help of the Third Soviet Sputnik, by
W. I. Krasovskiy.

GERMAN, per, Radio und Fernsehen, No 13,
Jul 1959, Berlin, pp 398-401.

USASIA SC-83b/59

Summary of Data on the Artificial Earth
Satellites and Planets of the International
Geophysical Year.

GERMAN, per, Radio und Fernsehen, No 13,
Jul 1959, Berlin, pp 408, 409.

USASIA SC-83d/59

Scientific
Miscellaneous

Japanese Language Analysis in Machine Translation, by M. B. Yefimov, 12 pp (DC-3901/6).
RUSSIAN, monograph, Analiz Yaponskogo Yazyka Pri Mashinnom Perevode, 1958, pp 1-26.

JPRS 1130-D

Biography of Leonid Ivanovich Sedov, (DC-3467).
RUSSIAN, pamphlet, Leonid Ivanovich Sedov (Ak Nauk SSSR Materialy k Biobibliografii, 1959, pp 1-48.

*JPRS

Logical Analysis of the Phoneme Concept, by S. K. Shayumyan, 17 pp.
RUSSIAN, bk, Logicheskiye Issledovaniya, Moscow, 1959, pp 159-177.

JPRS 1132-D

Logic and Automation, by G. N. Povarov, 16 pp.
RUSSIAN, bk, Logicheskiye Issledovaniya, Moscow, 1959, pp 300-314.

JPRS 2222-N

The Significance of Machine Translation to Linguistics, by M. I. Steblin-Kamenskiy, 4 pp.
RUSSIAN, bk, Materialy po Mashinnomu Perevodu, Vol I, Leningrad, 1958, pp 3-9.

JPRS 2150-N

Meta-Language of Machine Translation and Its Application, by N. D. Andreyev, 15 pp.
RUSSIAN, bk, Materialy po Mashinnomu Perevodu, Vol I, Leningrad, 1958, pp 40-60.

JPRS 2150-N

On the Structure of a Dictionary and the Coding of Information for Machine Translation, by I. L. Bratchikov, S. Ya. Fitilov, G. S. Tseytin, 20 pp.
RUSSIAN, bk, Materialy po Mashinnomu Perevodu, Vol I, Leningrad, 1958, pp 61-87.

JPRS 2150-N

Root-Separating Program for an Indonesian Algorithm of Machine Translation, by N. D. Andreyev, V. P. Golovanov, L. I. Ivanova, A. K. Ogloblin, 8 pp.
RUSSIAN, bk, Materialy po Mashinnomu Perevodu, Vol I, Leningrad, 1958, pp 88-97.

JPRS 2150-N

Scientific
Miscellaneous (Contd)

Work on a Norwegian-Russian Algorithm of Machine Translation, by V. P. Berkov, M. P. Chernasova, 11 pp.

RUSSIAN, bk, Materialy po Mashinnomu Perevodu, Vol I, Leningrad, 1958, pp 98-111.

JPRS 2150-N

Initial Stage of Work on an Arabic-Russian Algorithm of Machine Translation, by O. B. Frolova, V. I. Strelkova, 12 pp.

RUSSIAN, bk, Materialy po Mashinnomu Perevodu, Vol I, Leningrad, 1958, pp 112-125.

JPRS 2150-N

Certain Problems in the Construction of a Burmese-Russian Algorithm of Russian Translation, by N. D. Andreyev, Ye. A. Zapdova, O. A. Timofeyeva, 8 pp.

RUSSIAN, bk, Materialy po Mashinnomu Perevodu, Vol I, Leningrad, 1958, pp 126-135.

JPRS 2150-N

A Project of Programs for a Morphological Analysis of the Russian Language in Machine Translation, by L. N. Zasorina, N. B. Karachan, S. N. Med'vedeva, G. S. Tseytin, 50 pp.

RUSSIAN, bk, Materialy po Mashinnomu Perevodu, Vol I, Leningrad, 1958, pp 136-190.

JPRS 2150-N

Work on an Hindustani (Hindi) Russian Algorithm of Machine Translation, by T. Ye. Katenina, 5 pp.

RUSSIAN, bk, Materialy po Mashinnomu Perevodu, Vol I, Leningrad, 1958, pp 191-198.

JPRS 2150-N

Elements of Independent Analysis in the Vietnamese-Russian Algorithm of Machine Translation, by N. D. Andreyev, D. A. Batova, V. S. Penfilov, V. M. Petrova, 7 pp.

RUSSIAN, bk, Materialy po Mashinnomu Perevodu, Vol I, Leningrad, 1958, pp 199-208.

JPRS 2150-N

Machine Translation From Japanese Into Russian, by A. A. Babintsev, Yu. P. Semenishev, 5 pp.

RUSSIAN, bk, Materialy po Mashinnomu Perevodu, Vol I, Leningrad, 1958, pp 209-215.

JPRS 2150-N

Scientific
Miscellaneous (Contd)

First Stage of an Independent Analysis of the Structure of the Simple Clause in English, by B. M. Leykina, 5 pp.

RUSSIAN, bk, Materialy po Mashinnomu Perevodu, Vol I, Leningrad, 1958, pp 216-222.

JPRS 2150-N

Principle of Construction of Electric Reading Devices, by N. D. Andreyev, 3 pp.

RUSSIAN, bk, Materialy po Mashinnomu Perevodu, Vol I, Leningrad, 1958, pp 223-226.

JPRS 2150-N

Soviet Developments in Information Processing and Machine Translation, 173 pp.

RUSSIAN, bk, Materialy po Mashinnomu Perevodu, Vol I, Leningrad, 1958, 226 pp.

JPRS 2150-N

An Index to Recurrent Soviet Scientific and Technical Conferences (1946-1958), 214 pp.

RUSSIAN, bk, Nauchnyye S'yezdy, Konferentsii i Soveshchaniya v SSR 1946-1953 -- Bibliograficheskiy Ukazatel', Publ House of the Academy Sci USSR, Moscow, 1958.

JPRS 2184-N

Machine Translation of Chinese Into Russian, by V. A. Voronin, 20 pp.

RUSSIAN, monograph, O Mashinnom Perevode s Kitayskogo na Russkiy Yazyk, 1958, pp 1-34.

JPRS 1133-D

The Problem of Constructing a Machine Language for an Information Machine, by V. A. Uspenskiy, 17 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 2, Moscow, 1959, pp 39-50.

JPRS 1145-D

Experimental Translations From French Into Russian on the "Strela" Computer, by O. S. Kulagina, G. V. Vakulovskaya, 9 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 2, Moscow, 1959, pp 283-288.

JPRS 1145-D

Operator Description of Translation Algorithms and Automation of the Process of Programming Them, by O. S. Kulagina, 17 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 2, Moscow, 1959, pp 289-302.

JPRS 1145-D

Scientific
Miscellaneous (Contd)

The Leningrad All-University Seminar on
Machine Translation, 3 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 2,
Moscow, 1959, pp 303-305.

JPRS 1145-D

Memory Asks for Help (Interview With L.
Gutenmakher), (DC-3901/13).

RUSSIAN, per, Izobretatel' i Ratsionalizator,
No 12, 1959, pp 18-22.

*JPRS

Charter of the Academy of Sciences of the
Latvian SSR, (DC-3451)..

RUSSIAN, per, Iz Ak Nauk Latvyskoy SSR,
No 11, Riga 1959, pp 183-190.

*JPRS

Nikolay Gur'yevich Chetayev (Obituary),
(DC-3443).

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk - Melh i Mash, No 6, 1959, pp 3-6.

*JPRS

In the Joint Scientific Councils of the
Siberian Department of the Academy of Sci-
ences USSR, by A. K. Chernenko, K. Ye.
Mironov, 3 pp.

RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk
SSSR, No 7, Novosibirsk, 1959, pp 126, 127.

JPRS 2296

From the Committee for Lenin Prizes in the
Field of Science and Engineering of the
Council of Ministers, USSR, 21 pp.

RUSSIAN, np, Iz Sovetov Deputatov Trudya-
shchikhs SSSR, Moscow, 19 Dec 1959, pp 3, 4.

JPRS 1146-D

Scientific-Technical Conference of the Moscow
Institute of Engineers of Geodesy, Aerial
Surveying, and Cartography, 7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved --
Geodezia i Aerofotos'yenka, No 3, 1959, pp 144-
145.

JPRS 2165-N

Dissertations for Degrees in Science and Engi-
neering Defended at USSR Higher Educational
Institutions, 29 pp.

RUSSIAN, per, Knizh Letopis', No 33-36, 1958.

JPRS L-1187-N

Scientific
Miscellaneous (Contd)

Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions, 38 pp.

RUSSIAN, per, Knizh Letopis, No 15-18, 1959, pp 113-129.

JPRS L-1989-D

Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions, 75 pp.

RUSSIAN, per, Knizh Letopis, No 24-26, 1959, pp 123-128.

JPRS 3007

Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions, 36 pp.

RUSSIAN, per, Knizh Letopis, No 50-52, 1958.

JPRS L-1199-N

Some Philosophical Problems of Cybernetics, by M. N. Andryushchenko, 18 pp.

RUSSIAN, per, Nauch Dok Vysshey Shkoly, Filosof Nauk, No 3, Jul-Sep 1959, pp 96-107.

JPRS 2211-N

Machine Reads Aloud, by A. Vasil'yev-Chebotarev, (DC-3901/13).

RUSSIAN, per, Pravda Vostoka, No 297, 20 Dec 1959, p 4.

*JPRS

The All-Union Institute of Scientific and Technical Information and Its Immediate Tasks, by A. A. Fomin, (DC-3901/12).

RUSSIAN, per, Sovet Bibliografiya, No 5, (57), 1959, pp 3-10.

*JPRS

Bibliographic Information Work -- An Important Stage in Scientific Research, by G. I. Gol'damer, (DC-3901/12).

RUSSIAN, per, Sovet Bibliografiya, No 5, (57), 1959, pp 11-27.

*JPRS

Man and the "Thinking" Machine, by Konstantin Moiseyev, 15 pp.

RUSSIAN, per, Sovet Ukrain, No 8, Kiev, 1959, pp 127-137.

JPRS 2200-N

Scientific
Miscellaneous (Contd)

Problems of Coordinating Medico-Biological Research, by V. A. Muzykantov, (NY-3568).
RUSSIAN, per, Vest Ak Med Nauk SSSR, No 12, 1959, pp 32-36.

*JPRS

Study of the Sea Shores of the Chinese Peoples Republic, by V. P. Zenkovich, 5 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXIX, No 9, 1959, pp 76-78.

JPRS 2233-N

Expedition to the Liao Ho, by A. V. Gusev, 6 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXIX, No 9, 1959, pp 87-89.

JPRS 2265

The Scientific Research Front Is Expanding, by N. N. Lebedev, 6 pp.
RUSSIAN, per, Vest Vysshey Shkoly, No 9, 1959, pp 57-60.

JPRS 2187-N

The Collective Is Working Out Current Problems, by V. B. Aleskovskiy, 4 pp.
RUSSIAN, per, Vest Vysshey Shkoly, No 9, 1959, pp 61-63.

JPRS 2187-N

Multifold Activity Is Developing, by Yu. D. Christyakov, V. I. Vigdorovich, 9 pp.
RUSSIAN, per, Vest Vysshey Shkoly, No 9, 1959, pp 63-69.

JPRS 2187-N

Certain Problems in the Theory of Self-Organizing Systems, by S. N. Braynes, A. V. Napal-kov, 13 pp.
RUSSIAN, per, Voprosy Filosofii, No 6, Jan 1959, pp 148-154.

JPRS 2177-N

Section on Allied Problems of Psychology and Linguistics, Society of Psychologists, (DC-3901/16).
RUSSIAN, per, Voprosy Yazykoznaniya, No 3, 1959, pp 150-154.

*JPRS

On the Introduction of Probability in Linguistics, by V. N. Toporov, (DC-3901/17).
RUSSIAN, per, Voprosy Yazykoznaniya, No 6, 1959, pp 28-35.

*JPRS

Scientific

Miscellaneous (Contd)

Scientific Institutes of the Chinese People's Republic, by N. P. Luzhnaya, (NY-3648)
RUSSIAN, per, Zhur Neogan Khim, Vol III, No 2, 1958, pp 542-545.

*JPRS

The Development of the Bulgarian Academy of Sciences, by Academician A. I. Khadzhiov, Editor, (DC-3515)
BULGARIAN, bk, Bulgarskata Ak na Nauk Sled, 9 Sep 1944, 1958, pp 3-159.

*JPRS

New Problems of Mathematical Methods in Linguistics, by Petr Sgall, (DC-3901/15)
CZECH, per, Slovo a Slovesnost, Vol XX, No 1, 1959, pp 44-55.

*JPRS

Theory of Speech Communication, by Jiri Kramsky, (DC-3901/15).
CZECH, per, Slovo a Slovesnost, Vol XX, No 1, 1959, pp 55-66.

*JPRS

Problems of Machine Translation (Observations From the IV International Congress of Slavists in Moscow), by Petr Sgall, (DC-3901/15).
CZECH, per, Slovo a Slovesnost, Vol XX, No 3, 1959, pp 208-210.

*JPRS

Machine Translation in the USSR (Experiences From the Conference on Mathematical Linguistics in Leningrad, 1959), by Bohumil Palek, (DC-3901/15)
CZECH, per, Slovo a Slovesnost, Vol XX, No 4, 1959, pp 277-285.

*JPRS

On the Problem of Machine Translation in Moscow, by I. A. Mel'chuk, (DC-3901/15)
CZECH, per, Slovo a Slovesnost, Vol XX, No 4, 1959, pp 285-289.

*JPRS

New Doctors and Candidates, 6 pp.
HUNGARIAN, per, Magyar Tudomány, No 2, 1959, pp 104-106.

JPRS L-2035-D

Bela Entz 1877-1959, by Laszlo Haranghy, 3 pp.
HUNGARIAN, per, Magyar Tudomány, No 3, 1959, pp 151-153.

JPRS L-2035-D

Scientific
Miscellaneous (Contd)

Istvan Naray-Szabo: "Inorganic Chemistry,"
by Rezsone Moldvai, 3 pp.
HUNGARIAN, per, Magyar Tudomány, No 3, 1959,
pp 167, 168.

JPRS L-2035-D

New Doctors and Candidates, 3 pp.
HUNGARIAN, per, Magyar Tudomány, No 5, 1959,
pp 262, 263.

JPRS L-2035-D

New Doctors and Candidates, 5 pp.
HUNGARIAN, per, Magyar Tudomány, No 7/8, 1959,
pp 419-421.

JPRS L-2035-D

An Engineer in the Revolution, by Jozsef
Waldapfel, 6 pp.
HUNGARIAN, per, Magyar Tudomány, No 9, 1959,
pp 499-501.

JPRS L-2035-D

The All-Union Census and Its Significance for
Ethnographic Studies, by V. V. Bondarenko, V. I.
Naulko, (NY-3626)
UKRAINIAN, per, Narodna Tvorchist' ta Ethnografila,
Vol III, No 1, Kiev, Jan/Mar 1959, pp 14-21.

*JPRS

On the Results of the Coordination of Scientific
Activity of the Academy of Sciences USSR,
(NY-3569).
UKRAINIAN, per, Visnik Ak Nauk URSR, No 9, Kiev,
1959, pp 59-62.

*JPRS

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<u>Biofizika</u> , Vol IV, No 6, 1958.	PP
<u>Biokhimiya</u> , Vol XXIV, No 3, 1959.	CB
<u>Byulleten' Eksperimental'noy Biologii i Meditsiny</u> , Vol XLVII, No 6, 1959.	CB
<u>Doklady Akademii Nauk SSSR, Physical Chemistry Section</u> , Vol CXXIV, No 1-6, 1959.	CB
<u>Doklady Akademii Nauk SSSR, Biochemistry Section</u> , Vol CXXVII, No 1-6, 1959.	AIBS
<u>Fiziologicheskiiy Zhurnal SSSR imeni I. M. Sechenova</u> , Vol XLV, No 6, 1959.	PP
<u>Geologiya Nefti</u> , Vol II, No 10-B, 1958.	Rev of Russian Geol
<u>Izvestiya Akademii Nauk SSSR, Seriya Fizicheskaya</u> , Vol XXII, No 12, 1958.	Columbia Tech
<u>Prikladnaya Matematika i Mekhanika</u> , Vol XXIII, No 4, 1959.	PP
<u>Problemy Gematologii i Perelivaniya Krovi</u> , Vol IV, No 5, 1959.	PP
<u>Radiotekhnika</u> , Vol XIII, No 11, 12, 1958.	PP
<u>Radiotekhnika i Elektronika</u> , Vol III, No 12, 1958.	PP
<u>Referativnyy Zhurnal Metallurgiya</u> , No 9, 1958.	PP
<u>Voprosy Onkologii</u> , Vol IV, No 5, 1958.	PP
<u>Voprosy Onkologii</u> , Vol V, No 3, 1959.	PP
<u>Zhurnal Eksperimental'noy i Teoreticheskoy Fiziki</u> , Vol XXXVII(10), No 1, 1960.	AIP Sov Phys-JETP

Zhurnal Obshchei Khimii, Vol XXVIII, No 12,
1958.

CB

Zhurnal Prikladnoy Khimii, Vol XXXII, No 2,
1959.

CB

Zhurnal Tekhnicheskoy Fiziki, Vol XXIX, No 8,
1959.

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Sov Phys-Tech Phys
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Central Intelligence Agency



Washington, D.C. 20505

7 September 2004

Ms. Roberta Schoen
Deputy Director for Operations
Defense Technical Information Center
7725 John J. Kingman Road
Suite 0944
Ft. Belvoir, VA 22060

Dear Ms. Schoen:

In February of this year, DTIC provided the CIA Declassification Center with a referral list of CIA documents held in the DTIC library. This referral was a follow on to the list of National Intelligence Surveys provided earlier in the year.

We have completed a declassification review of the "Non-NIS" referral list and include the results of that review as Enclosure 1. Of the 220 documents identified in our declassification database, only three are classified. These three are in the Release in Part category and may be released to the public once specified portions of the documents are removed. Sanitization instructions for these documents are included with Enclosure 1.

In addition to the documents addressed in Enclosure 1, 14 other documents were unable to be identified. DTIC then provided the CDC with hard copies of these documents in April 2004 for declassification review. The results of this review are provided as Enclosure 2.

We at CIA greatly appreciate your cooperation in this matter. Should you have any questions concerning this letter and for coordination of any further developments, please contact Donald Black of this office at (703) 613-1415.

Sincerely,

A handwritten signature in dark ink, appearing to read "Sergio N. Alcivar".

Sergio N. Alcivar
Chief, CIA Declassification Center,
Declassification Review and Referral
Branch

Enclosures:

1. Declassification Review of CIA Documents at DTIC (with sanitization instructions for 3 documents)
2. Declassification Status of CIA Documents (hard copy) Referred by DTIC (with review processing sheets for each document)

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Processing of OGA-Held CIA Documents

The following CIA documents located at DTIC were reviewed
by CIA and declassification guidance has been provided.

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AD0866891	78-03109A	64	1	1	146	Consolidated Translation Survey Through 28 February 1970	2/28/1970	237	Approved For Release	3/25/2004
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AD0871388	78-03109A	64	1	4	149	Consolidated Translation Survey Through 31 May 1970	5/31/1970	286	Approved For Release	3/25/2004
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AD0834385	78-03109A	47	1	4	17	Consolidated Translation Survey For May 1959	6/17/1959	193	Approved For Release	3/25/2004
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AD0834389	78-03109A	47	1	8	21	Consolidated Translation Survey For September 1959	10/20/1959	261	Approved For Release	3/25/2004
AD0834491	78-03109A	47	1	9	22	Consolidated Translation Survey For October 1959	11/16/1959	181	Approved For Release	3/25/2004
AD0834492	78-03109A	47	1	10	23	Consolidated Translation Survey For November 1959	12/22/1959	214	Approved For Release	3/25/2004
AD0834493	78-03109A	47	1	11	24	Consolidated Translation Survey For December 1959	1/20/1960	202	Approved For Release	3/25/2004
AD0834494	78-03109A	47	1	12	25	Consolidated Translation Survey For January 1960	2/25/1960	198	Approved For Release	3/25/2004
AD0834495	78-03109A	47	1	13	26	Consolidated Translation Survey For February 1960	2/1/1960	248	Approved For Release	3/25/2004
AD0834496	78-03109A	48	1	1	27	Consolidated Translation Survey For March 1960	3/1/1960	223	Approved For Release	3/25/2004
AD0834497	78-03109A	48	1	2	28	Consolidated Translation Survey For April 1960	4/1/1960	287	Approved For Release	3/25/2004
AD0834498	78-03109A	48	1	3	29	Consolidated Translation Survey For May 1960	5/1/1960	312	Approved For Release	3/25/2004
AD0834499	78-03109A	48	1	4	30	Consolidated Translation Survey For June 1960	6/1/1960	277	Approved For Release	3/25/2004
AD0834500	78-03109A	48	1	5	31	Consolidated Translation Survey For July 1960	7/1/1960	186	Approved For Release	3/25/2004
AD0834501	78-03109A	48	1	6	32	Consolidated Translation Survey For August 1960	8/1/1960	317	Approved For Release	3/25/2004
AD0834502	78-03109A	48	1	7	33	Consolidated Translation Survey For September 1960	9/1/1960	287	Approved For Release	3/25/2004
AD0834503	78-03109A	48	1	8	34	Consolidated Translation Survey For October 1960	10/1/1960	322	Approved For Release	3/25/2004
AD0834504	78-03109A	48	1	9	35	Consolidated Translation Survey For November 1960	11/1/1960	289	Approved For Release	3/25/2004