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CONSOLIDATED TRANSLATION SURVEY

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CONSOLIDATED TRANSLATION SURVEY

FOR JULY 1960

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CONSOLIDATED TRANSLATION SURVEY

↙ An author index to items in this issue is appended.

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 date 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	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 Translation Scheme
CSIRO	Commonwealth Scientific and Industrial Research Organization
CTRA	Coal Tar Research Association
525th MI Gp	525th Military Intelligence Group, Dept of Army
FBIS	Foreign Broadcast Information Service
HB	Henry Bratcher
ID	Intelligence Document
IGC	Information on Soviet Bloc International Geophysical Cooperation - 1959
JPLAI	Jet Propulsion Laboratory, Astronautics Information
JPRS	Joint Publications Research Service
LC	Library of Congress
LLU	Lending Library Unit
MDF	Morris D. Friedman
MEB	Mark E. Burgunker
MIT	Massachusetts Institute of Technology
NASA	National Aeronautics and Space Administration
NIH	National Institutes of Health
NRL	Naval Research Laboratory
NSF	National Science Foundation
OIN	Ordnance Intelligence Number
ONI	Office of Naval Intelligence
OTIA	Ordnance Technical Intelligence Agency
OTS	Office of Technical Services
PERA	Production Engineering Research Association of Great Britain
PP	Pergamon Press
PS	Primary Sources
RABRM	Research Association of British Rubber Manufacturers
RIS	Research Information Service
RSTP	Russian Scientific Translation Program
Sci Mus Lib	Science Museum Library
SIAM	Society for Industrial and Applied Mathematics
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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525th MI Gp

ID

OTIA

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USASIA

USACRAPAC

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Assistant Chief of Staff, Intelligence
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Navy

DTMB

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NRL

ONI

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Office of Naval Intelligence
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AF
ATIC

Department of Air Force
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Maritime Administration
Office Services
GAO, 5th and G Streets, NW
Washington, DC

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

Office of Technical Services
Washington 25, DC

Patent Office
Scientific Library
14th and Constitution Avenue, NW
Washington, DC

Dept of Interior

Department of Interior
Library
Washington 25, DC

Dept of State

Department of State
Division of Library and Reference Service
132 State Annex 1
Washington, DC

JPRS

Joint Publications Research Service
For non-scientific reports:

Photoduplication Service
Library of Congress
Washington 25, DC

For scientific-technical reports:

Department of Commerce
Office of Technical Services
Washington 25, DC

NASA

National Aeronautics and Space Administration
1512 H Street, NW
Washington 25, DC

USDA

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

AGU

American Geophysical Union
1515 Massachusetts Avenue, NW
Washington 15, DC

AIBS

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

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 Brucher Technical Translations
PO Box 157
Altadena, California

Instru Soc of Amer

Instrument Society of America
313 Sixth Avenue
Pittsburgh 22, Pennsylvania

Interntl Arts and Sci Press

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

Interntl Phys Index

International Physical Index, Inc.
1909 Park Avenue
New York 35, New York

PP

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

PS

Primary Sources
11 Bleecker Street
New York 12, New York

Rev of Russian Geol

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

Royer and Roger, Inc.

Royer and Roger, Inc.
1000 Vermont Avenue, NW
Washington 5, DC

CSIRO

Commonwealth Scientific and Industrial Research Organization
314 Albert Street
East Melbourne C2, Victoria
Australia

BISI

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

BWRA

British Welding Research Association
Abington Hall, Abington
Cambridge, England

Cleaver-Hume Press Ltd

Cleaver-Hume Press Ltd
31 Wright's Lane
London, W8, England

CTRA

The Coal Tar Research Association
Oxford Road
Gomersal, Leeds

DSI (British)
RAE
TIL

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

Oliver & Boyd Ltd

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RABRM

The Research Association of British Rubber Manufacturers
Shawbury
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P R O J E C T S R E P O R T E D

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USSR

Economic

Automatic Control, Measuring and Regulating Instruments (Tasks in Automating Production Processes in the Petroleum Industry), by I. V. Butusov, (DC-4157).

RUSSIAN, bk, Avtomaticheskoye Kontrol'no-izmeritel'nyye i Reguliruyushchiye Pribory, 1958, pp 3-10.

*JPRS

Economic and Geographical Outline of Kabardian Balkaria, by Ye. P. Maslov, K. N. Kerefov, 13 pp.

RUSSIAN, monograph, Ekonomiko-Geograficheskiy Ocherk Kabardino-Balkarii, 1959, pp 115-129.

AF 1419595

Refrigeration Machinery and Installations, by N. V. Dem'yankov, V. A. Abramov, (DC-4180).

RUSSIAN, bk, Kholodil'nyye Mashiny i Sooruzheniya, 1959, pp 421-427.

*JPRS

Roasting Zinc Concentrates in a Fluidized Bed, by G. Ya. Leyzerovich, (NY-3001/10).

RUSSIAN, bk, Obzhig Tsinkovykh Kontsentratov v Kipyashchem Sloye, Chap XIV, 1959, pp 206-211.

*JPRS

Excerpts From: Principles of Topography and Cartography, by I. I. Starostin, G. V. Yanikov, 11 pp.

RUSSIAN, bk, Osnovy Topografii i Kartografii, 1959, pp 24-29, 36, 37.

JPRS 5034

Soviet Nonferrous Metallurgy - No 11, by A. I. But, (NY-3001/11).

RUSSIAN, bk, Planirovaniye v Tsvetnoy Metallurgii, Metallurgizdat, 1946.

*JPRS

Regulations for the Technical Operation of Interurban Telephone-Telegraph Cable Lines, 130 pp.

RUSSIAN, bk, Pravila Tekhnicheskoy Eksploatatsii Kabel'nykh Linii Mezhdugorodnoy Telefonno-Telegrafnoy Svyazi, 1959, pp 1-115.

JPRS 3441

USSR.
Economic (Contd)

Reducing the Cost of Building Petroleum Refining Plants, by A. I. Zel'kovich, P. A. Khokhryakov, 116 pp.

RUSSIAN, bk, Puti Snizheniya Stoimosti Sooruzheniya Neftepererabatyvayushchikh Zavodov, 1959, pp 3-106.

JPRS 3471

Handbook for the Entry of Ships Into Soviet Ports of the Sea of Japan and the Sea of Okhotsk.

RUSSIAN, bk, Rukovodstvo dlya Zakhoda Sudov v Sovetskiye Porty Yaponskogo i Okhotskogo Moroy, publ by the Naval Hydrographic Service Administration, 1957, 116 pp.

USACRAPAC, PD
99A42

Agriculture of the USSR 1959-1965, by P. E. Doroshenko, 131 pp.

RUSSIAN, bk, Sek'skoye Khozyaystvo SSSR v 1959-1965 Godakh, 1959, pp 23-155.

JPRS 3448

Handbook on Machine Building Materials, by A. N. Zelikman, I. P. Kislaykov.

RUSSIAN, bk, Spravochnik po Mashinostroitel'nyy Materialam, Vol II, 1959, pp 447-490, 501-527, 571-614.

*ATIC MCL-681/III

Changes in Forms and Systems of Wages in Connection With the Introduction of New Wage Scales, by A. Arkhipov, 11 pp.

RUSSIAN, per, Byull Nauch Informatsii; Trud i Zarabotnaya Plata, No 6, 1959, pp 3-9.

JPRS 2875

Statistical Method in the Time Study of a Worker Handling Several Machines Simultaneously, by K. Kutepova, G. Pobedimskiy, 11 pp.

RUSSIAN, per, Byull Nauch Informatsii; Trud i Zarabotnaya Plata, No 6, 1959, pp 16-21.

JPRS 2877

Scientific Conference on Problems of the Personal Service Industries, by V. Kryashev, M. Markovich, 5 pp.

RUSSIAN, per, Byull Nauch Informatsii; Trud i Zarabotnaya Plata, No 6, 1959, pp 51-54.

JPRS 2878

USSR

Economic (Contd)

Reserves for Increasing Meat Production in
Zapadno-Kazakhstan, by S. Niyazbekov, 8 pp.
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1959, pp 12-18.

JPRS 3425

New Mounted Machines, by D. Yakovlev, 4 pp.
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JPRS 3425

Great Resources for Increasing Grain Pro-
duction.
RUSSIAN, per, Ekonom Sel'skogo Khoz, No 3,
1960, pp 1-10.

JPRS 3557

Methods of Increasing Labor Productivity
in Flax Growing, by M. Kozlov.
RUSSIAN, per, Ekonom Sel'skogo Khoz, No 3,
1960, pp 37-44.

JPRS 3557

Increasing the Output of Animal Products,
by M. Spivak, (DC-2700/25).
RUSSIAN, per, Ekonom Sel'skogo Khoz, No 5,
1960, pp 10-15.

*JPRS

The Effectiveness of Using Natural Gas in
the Cement Industry, by I. Ya. Furman,
L. I. Lapina, (DC-4155).
RUSSIAN, per, Gaz Prom, No 6, 1960, pp 35-39.

*JPRS

Prospects for the Development of Unified
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Neporozhniy, 20 pp.
RUSSIAN, per, Gid Stroitel, No 5, 1960,
pp 2-8.

JPRS 3395

Prospects of Developing the Bazhenovskiy
Asbestos Mines, by Ye. P. Karchevskaya,
(NY-3001/10).
RUSSIAN, per, Gornyy Zhur, No 7, 1959, pp 47-50.

*JPRS

Operation of Continuous-Action Equipment at
Baydakovskiy Quarry, by A. A. Chernegov,
(NY-2900/23).
RUSSIAN, per, Gornyy Zhur, 1960, pp 12-20.

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Raising the Production of Grain Crops, by
N. V. Tsitsin.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol,
No 3, 1960, pp 326-337.

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Using Salt in Treating Clayey Soils for Construction Under Winter Conditions, by S. B. Ukhov, 17 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Stroitel Arkhitektura, No 1(7), 1959, pp 81-94.

ACSI H-6330
ID 2144839

Analysis of the Status and Efficiency of Complex Utilization of Lead-Zinc Raw Material, by L. A. Nezhinskaya, I. M. Gratsepshteyn, (NY-3001/12).

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvet Metall, No 5, 1959, pp 167-172.

*JPRS

Growing Seed in the South, by L. Popova. RUSSIAN, per, Kartofel' i Ovoshchi, No 1, Jan 1960, pp 20, 21.

*USDA

Quality of the "Elita" Potato Must Be More Strictly Controlled, by P. Krivetskiy. RUSSIAN, per, Kartofel' i Ovoshchi, No 1, 1960, pp 21, 22.

*USDA

Mastery of the Virgin Lands -- Great Reserve in Increasing Agricultural Production, by N. Anisimov, 13 pp. RUSSIAN, per, Kommunist, No 18, 1959, pp 10-19.

JPRS 3425

Ammonium Hydroxide Increases Yield, by I. P. Pshenichnyy, 3 pp. RUSSIAN, per, Kukuruza, No 10, 1959, pp 24, 25.

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JPRS 3425

Basic Trends of Scientific-Research Work in the Fur and Sheepskin Industries, by A. M. Rolionov, 5 pp. RUSSIAN, per, Leg Prom, No 10, 1956, pp 18-20.

ACSI H-6359

Changes in the Warmth-Protecting Properties of Padded Linings, by L. I. Tret'yakova, 13 pp. RUSSIAN, per, Leg Prom, No 9, 1957, pp 18-21.

ACSI H-6375 A
ID 2144835

Reducing the Water Permeability of Russian Leather, by V. N. Semenova, 5 pp. RUSSIAN, per, Leg Prom, No 9, 1957, pp 26, 27.

ACSI H-6375 B
ID 2144835

Contact Method of Determining the Water Permeability of Russian Leather Boots, by N. L. Zakatova, T. S. Maksimova, 10 pp. RUSSIAN, per, Leg Prom, No 9, 1957, pp 29-31.

ACSI H-6375
ID 2144835

Influence of Oil Content on the Warmth-Protecting Qualities of Leather, by Ye. A. Miroshnikov, 5 pp. RUSSIAN, per, Leg Prom, Vol II, 1958, pp 13, 14.

ACSI H-6368

Influence of Moisture in Footwear Materials on Their Warmth-Protecting Qualities, by Ye. A. Miroshnikov, 8 pp. RUSSIAN, per, Leg Prom, No 3, 1958, pp 30-32.

ACSI H-6352
ID 2144834

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Study of the Warmth-Protecting Qualities
of Work Footwear, by Mirochnikov.
RUSSIAN, per, Leg Prom, No 5, 1958,
pp 6-8.

ACSI H-6371 A

Establishing Basic Designs of Special
Clothing for Workers Heading Occupation,
by L. A. Kobglyanskuy.
RUSSIAN, per, Leg Prom, No 5, 1958,
pp 42, 43.

ACSI H-6371 B

Quality and Foolhardiness (Waste in
Chemical Equipment Plant), by B. Chertkov.
RUSSIAN, np, Leningradskaya Pravda,
3 Mar 1960, p 2.

JPRS 2970

15,000,000 Television Sets, by Professor
P. Shmakov, 3 pp.
RUSSIAN, per, Literatura i Zhizn', No 2,
18 Dec 1959.

USASIA; SC-250b/60

Thread and Spline Rolling, by M. I.
Pisarevskiy, 4 pp.
RUSSIAN, per, Mashinostroitel', No 10,
1959, pp 40, 41.

JPRS 2969

The Effectiveness of Modernizing Machine
Tool Equipment, by A. I. Mitrofanov, 9 pp.
RUSSIAN, per, Mashinostroitel', No 11,
1959, pp 40-42.

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Model VZ-45s1 Semiautomatic for Grinding
Surgical Scissors, by M. N. Konnikov, I.
D. Menitskiy, (NY-2900/24).
RUSSIAN, per, Mashinostroitel', No 5,
1960, p 11.

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Model 1S184 Special Drilling and Milling
Machine, by V. I. Donskoy, Yu. V. Naydin,
(NY-2900/24).
RUSSIAN, per, Mashinostroitel', No 5,
1960, p 12.

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Model LF-21 Large Planer-Type Milling and Boring Machine, by I. V. Domanik, M. I. Kiselev, (NY-2900/24).

RUSSIAN, per, Mashinostroitel', No 5, 1960, p 13.

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Model KV235 Single-Crank 63-Ton Capacity Press, (NY-2900/24).

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RUSSIAN, per, Mashinostroitel', No 6, 1960, p 15.

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RUSSIAN, per, Mekh Stroitel', No 1, 1960, pp 9-15.

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The Utilization of Slopes for Vineyards and Orchards in the Moldavian SSR, by P. Ivanov, (DC-2700/29).

RUSSIAN, per, Mezhdunarodnyy Sel'skokhozh Zhur, No 3, 1960, pp 118-128.

*JPRS

Present-Day Inflation and Some Bourgeois Economic Conceptions, by A. Yevreiskov, 7 pp.

RUSSIAN, per, Mirovaya Ekon i Mezhdunarodnye Otnosheniya, No 11, 1959, pp 37-50.

Internatl Arts & Sci Press
Problems of Economics
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Methods Employed to Recalculate the National Income of the USA, by M. Golanskiy, 6 pp.

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Interntl Arts & Sci Press
Problems of Economics
Vol III, No 1

Questions in the Determination of Future Needs and Planning the Preparation of Specialists in Agriculture, by V. M. Obukhovskiy.

RUSSIAN, per, Moskov Ordena Lenina Sel'skokh Ak imeni K. A. Timiryazeva, Dok TSKHA, Vol XXXVIII, 1958, pp 41-46.

*USDA

Economic Basis for Sorting of Seeds Into Different Quality Fractions, by N. V. Alekhin.

RUSSIAN, per, Moskov Ordena Lenina Sel'skokh Ak imeni K. A. Timiryazeva, Dok TSKHA, Vol XXXVIII, 1958, pp 169-179.

*USDA

The Motive Forces of Technological Progress in the USSR at Its Present Stage of Development, by G. Anisimov, 7 pp.
RUSSIAN, per, Nauch Dok Vysshey Shkoly, Ekon Nauki, No 4, 1959, pp 3-14.

Interntl Arts & Sci Press
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Some Theoretical Problems of National Economic Effectiveness of Utilization of Machines, by V. Kozlov, 5 pp.
RUSSIAN, per, Nauch Dol Vysshey Shkoly, Ekon Nauki, No 4, 1959, pp 15-23.

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JPRS 3475

V. I. Lenin on State Discipline in Economic Construction, 8 pp.
RUSSIAN, per, Partiynaya Zhizn', No 6, 1960, pp 62-67.

JPRS 3460

USSR
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Frontier Territory [Concerning Dzhezkazgan Copper], by V. Nikonov, (NY-3001/12).
RUSSIAN, per, Partinaya Zhizn' Kazakh,
No 12, 1959, pp 31-36.

*JPRS

We Are Adopting New Practices and Advanced Technology, by M. Kas'yan, (NY-3001/12).
RUSSIAN, per, Partinaya Zhizn' Kazakh,
No 12, 1959, pp 51-53.

*JPRS

Reconstruction of the Fuel Balance, by
D. Notkin, (DC-4154).
RUSSIAN, per, Plan Khoz, No 1, 1959,
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*JPRS

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of Economics and the Practice of Com-
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JPRS 2913

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and Chemical Industry of Kazakhstan,
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RUSSIAN, per, Plan Khoz, No 1, 1960,
pp 82-86.

JPRS 2913

Problems of Power Development in USSR,
by P. Neporozhniy, (DC-4119).
RUSSIAN, per, Plan Khoz, No 3, 1960,
pp 3-14.

*JPRS

New Instruments for Determining the
Composition of Materials, by I. M. Rubin-
shteyn, G. A. Simonyan, 14 pp.
RUSSIAN, per, Priborostroyeniye, No 10,
1959, pp 26-30.

JPRS 2866

New Instruments Intended for Serial
Production in 1959-1960, by I. I.
Gur'yakov, 31 pp.
RUSSIAN, per, Priborostroyeniye, No 11,
1959, pp 28-31; No 12, 1959, pp 24-26;
No 1, 1960, pp 24, 25.

JPRS 2969

Strict Unification of the Input and
Output Signals of Elements of Automatic
Systems Must Be Provided For, 6 pp.
RUSSIAN, per, Priborostroyeniye, No 12,
1959, pp 1, 2.

JPRS 2969

Advanced Know-How on Production Auto-
mation Should Be Introduced on a Wider
Scale, 6 pp.
RUSSIAN, per, Priborostroyeniye, No 1,
1960, pp 1, 2.

JPRS 2969

Plant News (Production of Electrical
Equipment), 5 pp.
RUSSIAN, per, Prora Energetika, No 11,
1959, pp 52-54.

JPRS 2827

USSR

Economic (Contd)

Transmitters for the Automation and Remote Control of Production, 3 pp.
RUSSIAN, per, Prom Energetika, No 11, 1959, p 64.

JPRS 2827

Fundamental Principles of Technical and Economic Calculations in Power Engineering, 11 pp.
RUSSIAN, per, Prom Energetika, No 2, 1960, pp 42-45.

JPRS 2915

Snow Removal Problems on Commercial Transportation Routes, by E. V. Zakatalov.
RUSSIAN, per, Put' 1 Putevoye Khozyaystvo, No 2, 1960, pp 8-10.

ACSI H-6397
ID 2144855

Let Us Further Improve Our Switches.
RUSSIAN, per, Put' 1 Putevoye Khozyaystvo, No 2, 1960, p 37.

ACSI H-6397
ID 2144855

Further Technical Progress in River Ports, by Ye. Seleznev, 7 pp.
RUSSIAN, per, Rechnoy Transport, No 4, 1960, pp 9-12.

JPRS 3469

Full Mechanization in Sugar Beet Harvesting, by G. M. Kuata, Z. P. Kitaytseva, 6 pp.
RUSSIAN, per, Sakharnaya Svekla, No 10, 1959, pp 18-23.

JPRS 3425

Problems of Full Mechanization in Beet Growing, by A. A. Vasilenko, A. F. Ushakova, 7 pp.
RUSSIAN, per, Sakharnaya Svekla, No 11, 1959, pp 39-44.

JPRS 3425

New Agricultural Machines, by G. Savinskiy, 4 pp.
RUSSIAN, per, Sel'skoye Khoz Kazakh, No 12, Alma-Ata, 1959, pp 51-55.

JPRS 3425

Cotton-Growing Kolkhozes Transfer to Monetary Payments for Labor, by N. Dostanov, 4 pp.
RUSSIAN, per, Sel'skoye Khoz Kazakh, No 12, 1959, pp 76-78.

JPRS 3425

USSR

Economic (Contd)

New Machines for the Northwest Zone,
by P. I. Belkin, 3 pp.
RUSSIAN, per, Sel'skoye Khoz Severo-
Zapadnoy Zony, No 12, 1959, pp 52-54.

JPRS 3425

New Conveyors, 3 pp.
RUSSIAN, np, Sovet Torg, 10 Oct 1959,
pp 58-60.

ACSI H-6298
ID 2144838

Household Refrigerators Will Be Better and
More Economical, by S. Varenko, (DC-4121).
RUSSIAN, per, Sovet Torg, No 1, 1960,
pp 14-19.

*JPRS

Toward New Victories [in the Glass and
Ceramics Industry], (NY-2800/15).
RUSSIAN, per, Steklo i Keramika, No 5,
1960, pp 1-4.

*JPRS

The Potential of the Ceramics Building
Materials Industry in the Light of the
Experience of Leading Plants, by B. M.
Gartsman, (NY-2800/15).
RUSSIAN, per, Steklo i Keramika, No 5,
1960, pp 5-8.

*JPRS

Speed Up Cement Plant Construction, 9 pp.
RUSSIAN, np, Stroitel'naya Gazeta, 15 Apr
1960, p 2.

JPRS 2911

Between Two (Construction Industry) Con-
ferences, by A. Pozdnev, 6 pp.
RUSSIAN, np, Stroitel'naya Gazeta, 17 Apr
1960, p 4.

JPRS 2911

Contemporary Urban Construction and
Building Materials Requirements, by A. N.
Popov, 7 pp.
RUSSIAN, per, Stroitel'nyye Materialy,
No 3, 1960, pp 1-3.

JPRS 2835

Prospects for Expanding the Materials
Base for Construction in East Siberia,
by N. V. Tikhonov, L. K. Ryzhov, 7 pp.
RUSSIAN, per, Stroitel'nyye Materialy,
No 3, 1960, pp 16-18.

JPRS 2835

USSR
Economic (Contd)

Immediate Tasks in the Development of the
Soft Roofing Industry, by V. G. Fel'zenbaum,
E. P. Yefimova, 6 pp.
RUSSIAN, per, Sroitel'nyye Materialy,
No 4, 1960, pp 3-6.

JPRS 2911

Ships of the Ugleural'sk Class, by A. G.
Yel'nik, G. I. Pustynskiy, V. A. Kromikh,
8 pp.
RUSSIAN, per, Sudostroyeniye, No 3, 1960,
pp 1-4.

JPRS 2945

Domestic Development of Television Vacuum
Tubes for Television Broadcasting and
Industrial Television, by I. A. Alekseyev,
G. A. Morozov, 21 pp.
RUSSIAN, per, Tekh Kino i Televideniya,
No 12, 1959, pp 1-11.

JPRS 2969

Improve the Quality of Waterproof Fabrics,
by P. A. Simigin, 15 pp.
RUSSIAN, per, Tekstil Prom, No 3, 1955,
pp 27-30.

ACSI H-6362
ID 2144832

Transport of Thread by Means of a Trolley
Electric Car, by Kipnis, 3 pp.
RUSSIAN, per, Tekstil Prom, No 12, 1956,
p 69.

ACSI H-6374

New Means of Intra-Factory Transport.
RUSSIAN, per, Tekstil Prom, No 3, 1958,
pp 49, 50.

ACSI H-6297 A
ID 2144853

Concerning Comfortable and Attractive
Special Clothing.
RUSSIAN, per, Tekstil Prom, No 3, 1958,
p 52.

ACSI H-6297 B
ID 2144853

Increasing the Output and Raising the
Quality of Fabrics for Special and Work
Clothing, 3 pp.
RUSSIAN, per, Tekstil Prom, No 7, 1958,
p 67.

ACSI H-6373

Combined Impregnation of Tent Fabric, by
N. M. Kalugin, 4 pp.
RUSSIAN, per, Tekstil Prom, No 8, 1959,
pp 41, 42.

ACSI H-6376
ID 2144831

USSR

Economic (Contd)

The Almalyk Deposit, by L. M. Gazaryan,
(NY-3001/10).

RUSSIAN, per, Tsvetnyye Metally, No 5, 1946,
pp 45-48.

*JPRS

Metallurgy of Noble Metals, by I. F.
Baryshnikov, 17 pp.

RUSSIAN, per, Tsvetnyye Metally, No 12,
1959, pp 81-88.

JPRS 2896

The Results of Work Toward Technical Ad-
vancement in the Coal Industry During 1959
and the First Quarter of 1960, (DC-4158).

RUSSIAN, per, Ugol', No 6, 1960, pp 1-5.

*JPRS

Charter of the Council for Mutual Economic
Assistance, 11 pp.

RUSSIAN, per, Vedomosti Verkhovnogo Sovyeta
SSSR, No 15, 21 Apr 1960, pp 162-169.

JPRS 3393

Convention on the Capacities, Privileges,
and Immunities of the Council for Mutual
Economic Assistance, 5 pp.

RUSSIAN, per, Vedomosti Verkhovnogo Sovyeta
SSSR, No 15, 21 Apr 1960, pp 170-173.

JPRS 3393

A New Series of Sizes I and II Power
Transformers for 6 and 10 Kilovolts, by
R. A. Oganyan, M. G. Gukasyan, V. M.
Karapetyan, 9 pp.

RUSSIAN, per, Vest Elektroprom, No 9,
1959, pp 5-8.

JPRS 2827

The Economic Effectiveness of the Main
Technical Trends in the Design of Cable
and Wire, by L. V. Fatova, 8 pp.

RUSSIAN, per, Vest Elektroprom, No 9,
1959, pp 62-66.

JPRS 2827

At a New Stage (Development of the USSR
Electrical Industry), 5 pp.

RUSSIAN, per, Vest Elektroprom, No 11,
1959, pp 1-3.

JPRS 2827

USSR
Economic (Contd)

Reserves for Increasing Agricultural Production in the Central Black Earth Zone, by N. P. Aleksandrov, 9 pp.
RUSSIAN, per, Vest Sel'skokh Nauk, No 11, 1959, pp 15-22.

JPRS 3425

Increasing Production and Improving the Quality of Meat, by N. F. Rostovtsev, 8 pp.
RUSSIAN, per, Vest Sel'skokh Nauk, No 11, 1959, pp 50-57.

JPRS 3425

New Variety of Wheat, by S. A. Ostreyko, 4 pp.
RUSSIAN, per, Vest Sel'skokh Nauk, No 11, 1959, pp 133-136.

JPRS 3425

Resources for Increasing Labor Productivity in Soviet Agriculture, by Tulupnikov.
RUSSIAN, per, Vest Sel'skokhoz Nauk, No 1, 1960, pp 12-22.

JPRS 3557

The Most Important Problems of Cotton Production in the USSR, by A. D. Dadabayev.
RUSSIAN, per, Vest Sel'skokhoz Nauk, No 1, 1960, pp 23-27.

JPRS 3557

Increasing Labor Productivity in Fertilizer Application, by I. I. Sinyagin, 8 pp.
RUSSIAN, per, Vest Sel'skokhoz Nauk, No 2, 1960, pp 12-18.

JPRS 3565

Telecommunications in Georgia in the Seven-Year Plan, by G. A. Khristesashvili, 5 pp.
RUSSIAN, per, Vestnik.Svyazi, No 12, 1959, pp 28, 29.

USASIA: SC-75a/60

Some Economic Problems in Industrial Engineering, by S. Kheinman, 8 pp.
RUSSIAN, per, Voprosy Ekon, No 1, 1960, pp 36-50.

Interntl Arts & Sci Press
Problems of Economics
Vol III, No 1

On the Study of the Current Problems of Territorial Distribution of Productive Forces, by Ya. Feigin, 5 pp.
RUSSIAN, per, Voprosy Ekon, No 1, 1960, pp 59-63.

Interntl Arts & Sci Press
Problems of Economics
Vol III, No 1

USSR

Economic (Contd)

On the Calculation of Production Inputs,
by L. Kantorovich, 8 pp.
RUSSIAN, per, Voprosy Ekon, No 1, 1960,
pp 122-134.

Internatl Arts & Sci Press
Problems of Economics
Vol III, No 1

Contemporary Capitalism and the Spiritual
Life of the Individual, by Yu. A.
Zamoshkin, (SF-1004).
RUSSIAN, per, Voprosy Filosof, No 6,
1960, pp 43-57.

*JPRS

Campaign for the Harvest.
RUSSIAN, per, Zashchita Rasteniy, No 5,
1960, pp 1, 2.

*USDA

Problems in Uzbekistan, by I. R. Kostenko.
RUSSIAN, per, Zashchita Rasteniy, No 5,
1960, pp 3-7.

*USDA

The Present Status and Future Trends in
the Development of Methods for the Non-
disruptive Testing-Inspection of Materials,
by S. T. Nazarov, S. M. Rozhdestvenskiy,
D. S. Shrayber, 11 pp.
RUSSIAN, per, Zavod Lab, No 7, 1959,
pp 771-778.

JPRS 2866

Features of Fertilizer Application in
Crop Rotation in Belorussia, by V. I.
Shempel', V. S. Rubanov, 11 pp.
RUSSIAN, per, Zemledeliye, No 1, 1960,
pp 41-47.

JPRS 3565

Small Television Centers in the Soviet
Union, by P. E. Kodess, 5 pp.
GERMAN, per, Radio und Fernsehen, Vol VIII,
No 23, Dec 1959, p 747.

USASIA: SC-130c/60

Agricultural Socialist Competition for
This Year in the Far Eastern Oblasts' of
the Soviet Union.
JAPANESE, per, Tairiku Mondai, Jun 1960,
pp 40-46.

USACRAPAC, PD
101985

USSR
Political

Soviet Note No 39/osa on 1 May 1960
Plane Incident, 4 pp.
RUSSIAN, rpt, Encl to Desp No 671, AmEmbassy,
Moscow, 11 May 1960.

Dept of State
4438033

The Complete and Final Victory of Socialism
in the USSR, by A. M. Kovalev, 26 pp.
RUSSIAN, monograph, Polnaya i Okonchatel'-
naya Pobeda Sotsializma v SSSR, 1959,
pp 1-32.

JPRS 3538

Radio and Television - the Weapons of the
Party, by S. Kaftanov, 16 pp.
RUSSIAN, per, Kommunist, No 5, 1960,
pp 84-95.

JPRS 3388

On Party Political Work at the Construction
Site of the Engels Artificial - and Synthetic
Fiber Plant, 4 pp.
RUSSIAN, per, Partinaya Zhizn', No 6, Mar
1960, pp 32, 33.

JPRS 3459

Petrobavlovsk-Kamchatka Garrison Party
Conference, by M. Loshin, V. Kokurkin.
RUSSIAN, np, Sovet Flot, 20 Jan 1960,
p 3.

JPRS 3556

The Leninist Theory of the Socialist
State, and Modern Times, by V. V. Plat-
kovskiy 22 pp.
RUSSIAN, per, Voprosy Filosofii, Vol XIV,
No 4, 1960, pp 14-29.

JPRS 3426

V. I. Lenin on the Basic Laws Governing
the Development of Nations, by M. D.
Kammari, 23 pp.
RUSSIAN, per, Voprosy Filosofii, Vol XIV,
No 4, 1960, pp 30-45.

JPRS 3427

The Leninist Theory of Socialist Revolution
and Contemporary Revisionism, by A. P.
Butenko, 17 pp.
RUSSIAN, per, Voprosy Filosofii, Vol XIV,
No 4, 1960, pp 46-57.

JPRS 3428

USSR

Political (Contd)

V. I. Lenin on the Laws Governing the Metamorphosis of Socialism Into Communism, by K. P. Abrosenko, 22 pp.

RUSSIAN, per, Voprosy Istorii KPSS, No 1, 1960, pp 16-33.

JPRS 3499

A Valuable Contribution in the Elaboration of the History of the Communist Party of the Soviet Union in the Period of the Great Patriotic War, by V. A. Vasilenko, G. D. Komkov, M. Ya. Raskat, 21 pp.

RUSSIAN, per, Voprosy Istorii KPSS, No 1, 1960, pp 144-154.

JPRS 3500

Problems Concerning the History of Pre-Marxist Philosophy in V. I. Lenin's Works, by V. I. Pratasovich, 21 pp.

BELORUSSIAN, per, Vesti Ak Navuk BSSR, No 2, Minsk, 1958, pp 5-20.

JPRS 2747

Marx-Leninism or Private Science, by Li Shu, 8 pp.

CHINESE, per, Li-shih Yen-chiu, No 1, 2, 1960, pp 1-6.

JPRS 3503

Editorial Comment Concerning Developments Resulting From Incident Involving American Plane in Soviet Union, 29 pp.

SWEDISH, np, 8-13 May 1960, Encl 1-20 to Desp No 966, AmEmbassy, Stockholm, 13 May 1960.

Dept of State
4438939

USSR
Military

Rear Service and Supply, 30 pp.
RUSSIAN, rpt, pp 10-17, 43-55, 68-72,
82-86, 91, 92.

ACSI H-6688
ID 2144842

What Types of Gas Masks Are There for
the Protection of the Civilian Population?
RUSSIAN, Publishing House of the All-Union
Voluntary Society for the Promotion of
the Army, Navy, and Air Force, Moscow,
1959, pp 38-40.

Navy Tr 2573/ONI 736

Small Arms Firing Tables, by G. M. Shinkarev,
32 pp.
RUSSIAN, bk, Small Arms Manual - Principles
of Firing Small Arms, 1957, pp 176-222.

OTIA Tr 30

Military Radio Operators, by I. T. Peresypkin,
45 pp.
RUSSIAN, bk, Voyennye Radisty, Moscow,
1955, 54 pp.

USASIA: SC-109/60

Military Aviation Forces.
RUSSIAN, bk, Voyenno-Vozdushnyye Sily,
Chap III, VII, VIII, 1959, 64 pp.

*ACSI H-6799

New Equipment and Flight Control, by I.
Musiyyenko, 4 pp.
RUSSIAN, np, Sovet Aviatsiya, 24 Dec 1959,
p 2.

JPRS 3439

Correctional Turns on the Target, by
Yermolayev, 3 pp.
RUSSIAN, np, Sovet Aviatsiya, 3 Mar 1960,
p 3.

JPRS 3439

On Strengthening the Ties Between Theory
and Practice, by I. Bondarenko, 4 pp.
RUSSIAN, np, Sovet Aviatsiya, 10 Mar 1960,
p 2.

JPRS 3439

Vertical Maneuvers of High-Speed Aircraft,
by A. Tarasnikov, 4 pp.
RUSSIAN, np, Sovet Aviatsiya, 12 Mar 1960,
p 2.

JPRS 3439

USSR

Military (Contd)

On the True Path, Kaliningradskaya Oblast
DOSAAF Conference, 3 pp.

RUSSIAN, np, Sovet Patriot, 17 Feb 1960,
p 2.

JPRS 3439

Raise the Level of Organizational Work,
by F. Myagkov, 3 pp.

RUSSIAN, np, Sovet Patriot, 17 Feb 1960,
p 2.

JPRS 3439

Work Hand in Hand, by N. Mosyatsev, 3 pp.

RUSSIAN, np, Sovet Patriot, 28 Feb 1960,
p 1.

JPRS 3439

Recognize the Sports Rights of Radio

Amateurs, by E. Krenkel', 3 pp.

RUSSIAN, np, Sovet Patriot, 28 Feb 1960,
p 3.

JPRS 3439

Under the Banner of Criticism of Short-

comings, by P. Govorov, R. Simkhovich,

M. Zeynalov, 3 pp.

RUSSIAN, np, Sovet Patriot, 13 Mar 1960,
p 2.

JPRS 3439

Authors of Good Works -- Notes on the

Moskovskaya Oblast DOSAAF Conference,

by V. Vasil'yev, 3 pp.

RUSSIAN, np, Sovet Patriot, 20 Mar 1960,
p 2.

JPRS 3439

Pluses and Minuses -- DOSAAF Review of

Sports Work, 4 pp.

RUSSIAN, np, Sovet Patriot, 20 Mar 1960,
p 3.

JPRS 3439

Isolated From Life, by S. Aslozov, 3 pp.

RUSSIAN, np, Sovet Patriot, 20 Mar 1960,
p 3.

JPRS 3439

Anti-Missile for the Destruction of

Ballistic Missiles, by S. Donaldson.

RUSSIAN, per, Voprosy Raketnoy Tekh, No 6,
1959, pp 65-72.

*ATIC MCL-693/V

USSR

Military (Contd)

The Mortar - A Simple and Powerful Weapon.
RUSSIAN, per, Voyennyye Znaniya, Jul 1959,
pp 15, 16.

USACRAPAC, PD
102004

The Soviet T-54 Tank, by Bozidar Kovacic,
4 pp.

CROATIAN, per, Vojno-Tehnicki Glasnik,
No 8, 1959, Belgrade, pp 602, 603.

JPRS 3402

Geographic

Contemporary Status and Problems of
Scientific Investigations in the Field of
Engineering Geodesy, by N. G. Viduyev.

RUSSIAN, bk, Iz Vysshikh Ucheb Zaved
MVO SSSR, Razdel: Geodeziya i Aerofotos'-
emko, Vypusk 5, Moscow, 1958, pp 19-32.

*Navy/HO 104

Riga and Environs, The Riga Seashore, and
Kemer, 48 pp.

RUSSIAN, bk, Riga: i Okrestnosti, Rzhskoye
Vzmor'ye, Kemer Kratkiy Putevoditel',
1959, pp 5-80.

JPRS 3510

Transactions of the State Oceanographic
Institute (Book 37), by Yu. V. Preobrazhen-
skiy.

RUSSIAN, bk, Trudy Gosudarstvennogo Okeanograf
Inst, Vypusk 37, Leningrad, 1959, pp 1-52,
73-84, 94-154, 178-184, 205-241.

*Navy/HO 102

Geomorphological Mapping in the Soviet Union,
by Alexander Rado, 3 pp.

HUNGARIAN, per, Geodezia es Kartografia,
No 3, 1958, pp 222, 223.

JPRS 3477

The Status of Geodetics in the Soviet
Union, by Frigyes Raum, 15 pp.

HUNGARIAN, per, Geodezia es Kartografia,
No 10, Budapest, 1958, pp 43-48.

JPRS 3477

USSR

Sociological

The Boarding School: Organizational Problems and Experience of Educational Work, by N. I. Alpatov, N. A. Myaskovskaya, L. F. Spirin, A. Ya. Shagova, 130 pp. RUSSIAN, bk, Shkola-Internat (Voprosy Organizatsii i Opyt Vospitatel'noy Raboty), 1958, pp 1-50, 120-147, 177-224.

JPRS 2907

Soviet Schools of General Education in the New Phase of Their Development, by L. Il'yushin, 12 pp. RUSSIAN, per, Kommunist Belorussii, No 5, 1959, Minsk, pp 8-15.

JPRS 2881

Supervising Independent Homework of Boarding School Students, by N. Myaskovskaya, 7 pp. RUSSIAN, per, Narodnoye Obrazovaniye, No 12, 1957, pp 73-76.

JPRS 3437

The Outlook for the Tatar Schools, by M. Makhmutov, 5 pp. RUSSIAN, per, Narodnoye Obrazovaniye, No 19, 1959, pp 14-19.

Internatl Arts & Sci Press
Soviet Education
Vol II, No 5

The 21st Congress of the CPSU and the Goals of the Education of Youth, 9 pp. RUSSIAN, per, Obshch Shkola Vzroslykh, No 2, Gorkiy, 1959, pp 41-43.

JPRS 2853

Creative Accomplishment and Theoretical Thought: The All-Union Conference on Problems of Socialist Realism, 44 pp. RUSSIAN, per, Voprosy Literaturny, No 6, 1959, pp 61-92.

JPRS 2847

Special Measures to Bolster the Already Dominant Position of Russia in Azervaidzhan, by Suleyman Tekiner, 24 pp. TURKISH, per, Dergi, Munich, No 18, 1959, p 32.

JPRS 3365

USSR
Biographic

The Great Soviet Encyclopedia -- Biographical Dictionary of Natural Science and Engineering Personnel, 387 pp.

RUSSIAN, bk, Biograficheskiy Slovar' Deyateley Yestestvoznaniya i Tekhniki, Vol I, Moscow, 1958.

JPRS 2893

List of Candidates for Academy of Sciences Azerbaydzhan SSR, by Yu. G. Mamedaliyev, M. A. Kashkay, 18 pp.

RUSSIAN, np, Bakinskiy Rabochiy, 3, 4 Dec 1959, p 1.

JPRS 3455

Lenin Awards for the Most Outstanding Works in the Fields of Science and Technology, 4 pp.
RUSSIAN, np, Izvestiya, 22 Apr 1960, p 1.

AF 1419604

A Great Reward, 3 pp.

RUSSIAN, np, Medit Rabot, Vol XXIII, 7 No 21 (1873), 11 Mar 1960, p 1.

JPRS 3553

Honor and Glory to Soviet Women (Continuation), 22 pp.

RUSSIAN, np, Medit Rabot, No 22 (1874), 15 Mar 1960, pp 1-3.

JPRS 3553

Honor and Glory to Soviet Women (Conclusion), 10 pp.

RUSSIAN, np, Medit Rabot, No 23 (1875), 18 Mar 1960, pp 1, 2.

JPRS 3553

Experiences of Philologists, by I. Kenesbayev, 3 pp.

RUSSIAN, per, Vest Ak Nauk Kazakhskoy SSR, No 10, 1959, pp 100, 101.

JPRS 3429

Experiences of Botanists, Physiologists, and Technical Scientists, by L. K. Klyshev, Ts. D. Nominkhanov, N. S. Kalachev, 11 pp.

RUSSIAN, per, Vest Ak Nauk Kazakhskoy SSR, No 10, 1959, pp 102-109.

JPRS 3429

Elections of the Lithuanian Geographic Society, (DC-4136).

LITHUANIAN, bk, Geograpinis Metrastis, 1958, pp 393-402.

*JPRS

EASTERN EUROPE

Economic

A Window Toward the World, by Angel Vylchanov,
4 pp.
BULGARIAN, per, Bolgariya, No 3, 1960,
pp 12, 13.

USASIA: SC-222/60

Prospects for Forestation in Bulgaria, by
Mikhail Mikhaylov, 11 pp.
BULGARIAN, per, Gorsko Stopanstvo, Vol XVI,
No 2, Sofia, 1960, pp 10-15.

JPRS 2965

Technical Progress and Moral Depreciation of
Machines in Bulgarian Industry, by Zdravko
Zlatanov, 18 pp.
BULGARIAN, per, Ikonomicheska Misul, Vol IV,
No 9, Sofia, 1959, pp 16-28.

JPRS 2965

A Brief Study of the Territorial Distribution
of Industrial Production in the Third Five-
Year Plan, by Mikhail Enev, 21 pp.
BULGARIAN, per, Ikonomicheska Misul, Vol IV,
No 9, 1959, pp 29-44.

JPRS 2965

Organization, Functions, and Operation of
Bulgarian Domestic Trade.
BULGARIAN, np, Izvestiya na Prezidiuma na
Narodnoto Subranie, No 34, 26 Apr 1960,
pp 1, 2; No 35, 29 Apr 1960, pp 1, 2; No 38,
10 May 1960, pp 2, 3.

JPRS 3435

State Discipline -- An Important Factor in
the Speeded Up Development of Bulgaria, by
Ninko Stefanov, 24 pp.
BULGARIAN, per, Novo Vreme, Vol XXXVI, No 6,
Sofia, 1960, pp 3-18.

JPRS 3555

Ten Years of Wire Radio in Bulgaria, by K.
Vitanov, 4 pp.
BULGARIAN, per, Poshtenents, Vol IX, No 10,
Sofia, 1959, pp 2, 3.

USASIA: SC-183/60

Domestic Trade Personnel in Bulgaria, by Ivan
Videnov, (NY-4551).
BULGARIAN, per, Sotsialisticheska Turgoviya,
Vol XII, No 2, 1960, pp 10-15.

*JPRS

Eastern Europe
Economic (Contd)

Social Control Over Use of Funds in Yugoslavia,
by Miroslav Nedeljkovic, (NY-4435).

CROATIAN, per, Finansijske, Vol XV, No 4, 1960,
pp 167-185.

*JPRS

Payment of Revenues by the Yugoslav Populace
in 1959, (NY-4435).

CROATIAN, per, Finansijske, Vol XV, No 4, 1960,
pp 189-203.

*JPRS

The Five-Year Plan for the Development of the
Yugoslav Merchant Fleet, 1961-1965, by Ignac
Rubinic, (NY-4588).

CROATIAN, per, Pomorstvo, 1960, pp 190-193.

*JPRS

General Problems Pertaining to the Moderniza-
tion and Development of Yugoslav Transportation,
by Slavko Suvajdzic, (DC-4184).

CROATIAN, per, Tehnika, Vol XV, No 6, 1960,
pp 1205-1208.

*JPRS

Yugoslav Transportation Facilities and Their
Modernization, by Dusan Velickovic, (DC-4184).

CROATIAN, per, Tehnika, Vol XV, No 6, 1960,
pp 1208-1212.

*JPRS

The Problems Involved in Modernizing Highways,
Waterways, and Air Terminals and River Ports,
by Micic, Jerin, Markovic, (DC-4184).

CROATIAN, per, Tehnika, Vol XV, No 6, 1960,
pp 1216, 1217.

*JPRS

The Modernizing of Yugoslav Transportation
Equipment and Installations, by Ljubo Stipanac,
(DC-4184).

CROATIAN, per, Tehnika, Vol XV, No 6, 1960,
pp 1218, 1219.

*JPRS

Inland Waterway Transportation Use in Yugoslavia,
by Svetislav Jovic, (DC-4184).

CROATIAN, per, Tehnika, Vol XV, No 6, 1960,
pp 1225, 1226.

*JPRS

Eastern Europe
Economic (Contd)

Development of Transportation in the First Four Years of the Five-Year Plan, 1957-1960, by Blagoje Bogavac, (NY-4415). CROATIAN, per, Zeleznice, Vol XVI, No 3/4, 1960, pp 1-5.

*JPRS

The Forthcoming Reorganization of Yugoslav Railroads, by Djordjije Savicevic, (NY-4413). CROATIAN, per, Zeleznice, Vol XVI, No 5/6, 1960, pp 1-9.

*JPRS

Czechoslovak Notes of 10 and 13 May 1960 Requesting GFR Permission for Overflights. CZECH, rpt, Encl to Desp No 435, AmEmbassy, Prague, 13 May 1960.

Dept of State

Brno (Brno Vzorkovy Veletrh) Brno Sample Fair, World Concourse of Machine Engineering, 6 pp. CZECH, per, Amaterske Radio, Vol VIII, No 11, 1959, pp 307, 308.

USASIA: SC-309/60

Conference on the Role of Credit in the New System of Management, by Jan Pull, 34 pp. CZECH, per, Finance a Uver, No 10, Prague, 1959, pp 553-571.

JPRS 2922

Problems of Balancing Budgets of National Committees, by Ivan Cina, 16 pp. CZECH, per, Finance a Uver, No 10, 1959, pp 572-580.

JPRS 2922

We Shall Intensify and Improve the Activity of the State Bank in the Near Future, by Jan Pull, (NY-4530). CZECH, per, Finance a Uver, No 5, 1960, pp 279-288.

*JPRS

From the Nationalization of Banks to the State Bank, by Ladislav Veltrusky, (NY-4530). CZECH, per, Finance a Uver, No 5, 1960, pp 288-292.

*JPRS

State Savings Banks in the Construction of Socialism in Czechoslovakia, by Karel Hes, (NY-4530). CZECH, per, Finance a Uver, No 5, 1960, pp 293-300.

*JPRS

Eastern Europe
Economic (Contd)

Problems of Social Security in People's Democratic Czechoslovakia, by Bohumil Valek, (DC-4147).

CZECH, per, Finance a Uver, No 5, 1960, pp 304-309.

*JPRS

Economic and Administrative Reorganization of Czechoslovakia, by J. Macek, T. Pejcoch, 10 pp.

CZECH, per, Hospodarske Noviny, No 47, Prague, 20 Nov 1959, p 1.

JPRS 2965

Economic Effects of Territorial Reorganization, by Oldrich Zurek, 6 pp.

CZECH, per, Hospodarske Noviny, No 1, 1960, p 6.

JPRS 2922

Progress in Wage Reforms, by Antonin Marzek, 12 pp.

CZECH, per, Hospodarske Noviny, No 3, 5, 29 Jan 1960, pp 1, 3, 6.

JPRS 2922

Remuneration According to Performance in JZDs, by Jaroslav Kabrhel, (NY-4513).

CZECH, per, Nova Mysl, No 6, 1960, pp 621-631.

*JPRS

Inter-Collective Relationships in View of Concentration and Specialization in Agriculture, by Zoe Klusakova-Svobodova, (NY-4513).

CZECH, per, Nova Mysl, No 6, 1960, pp 632-643.

*JPRS

Fifteen Successful Years in ZPS Gottwaldov, by Oldrich Bar, (NY-4580).

CZECH, per, Nova Technika, No 5, 1960, pp 202-206. (partial)

*JPRS

Basic Task of Construction, by (NY-4552).

CZECH, per, Pozemni Stavby, No 5, 1960, pp 231-234.

*JPRS

Technical Development in Industrial Construction, (NY-4552).

CZECH, per, Pozemni Stavby, No 5, 1960, pp 240-243.

*JPRS

Eastern Europe
Economic (Contd)

Technical Development in Public and Apartment Housing, (NY-4552).

CZECH, per, Pozemni Stavby, No 5, 1960, pp 243-248.

*JPRS

On the Development of Private Apartment Construction, by Oldrich Stibor, Josef Stanek, (NY-4552).

CZECH, per, Pozemni Stavby, No 5, 1960, pp 263-267.

*JPRS

Law on Military Service Conditions in Czechoslovakia, 15 pp.

CZECH, per, Sbirka Zakonu Republiky Ceskoslovenske, No 36, 29 Dec 1959, pp 313-319.

JPRS 2681

Fixed Assets in the Czechoslovak National Economy and the Significance of Their Inventory, by A. Cervený, 12 pp.

CZECH, per, Statistický Obzor, No 12, Prague, 1959, pp 529-535.

JPRS 2922

Fifteen Years of Statistics in Liberated Czechoslovakia, (NY-4463).

CZECH, per, Statistický Obzor, No 5, 1960, pp 197-205.

*JPRS

Development of the National Economy of the Socialist States in 1959 on the Basis of Reports on the Fulfillment of State Plans for 1959, by T. Fabry, (NY-4463).

CZECH, per, Statistický Obzor, No 5, 1960, pp 227-232.

*JPRS

Proposed State Farm Development in the Third Five-Year Plan, 66 pp.

CZECH, per, Statní Statky, Vol II, 12 Dec 1959, pp 2-25.

JPRS 2887

The Hricov-Miksova-Povazska Bystrica Water Power System, by Jozef Tarapcik, 28 pp.

CZECH, per, Stavba, Vol VI, No 11, Bratislava, 1959, pp 332-341.

JPRS 2965

Eastern Europe
Economic (Contd)

Third Five-Year Plan in North Czech Brown Coal Basin, by R. Kracmera, (NY-4464).
CZECH, per, Uhli, Vol II, No 5, 1960, pp 153-157.
(partial)

*JPRS

Basic Tasks of Communications in 1960, by Alois Neuman, 5 pp.
CZECH, per, Vestnik Spoju, No 1, Prague, 1960, pp 1, 2.

JPRS 2887

Problems in Setting Up Prices for Agricultural Products, by Jaroslav Dupal, Josef Bartunek, 39 pp.
CZECH, per, Zemedelska Ekonomika, Vol XXXIII, No 9, Prague, 1959, pp 659-675.

JPRS 2887

German-Scandinavian and Anglo-Scandinavian Connections, Railway and Ship, 3 pp.
FRENCH, per, Revue Generale des Chemins de Fer, Mar 1958, pp 137-139.

519th MI Bn, H-3387

Research on the Profitability of Hungarian Foreign Trade, by E. Faude, (NY-4583).
GERMAN, per, Der Aussenhandel, No 12, 15 Jun 1960, pp 20-24.

*JPRS

The GDR Merchant Fleet Goes Everywhere, by M. Schelzel, 9 pp.
GERMAN, per, Der Aussenhandel und der Inner-deutsche Handel, Vol X, No 8, 20 Apr 1960, pp 31-34.

JPRS 2965

Planning for Socialist Reconstruction in the GDR Railroad System Up to 1975, by Lindner, 15 pp.
GERMAN, per, Deutsche Eisenbahntechnik, Vol VIII, No 4, Berlin, 1960, pp 137-144.

JPRS 3539

Manpower Planning in Railroad Maintenance Work Up to 1965, by Kurt Freitag, 18 pp.
GERMAN, per, Deutsche Eisenbahntechnik, Vol VIII, No 4, Berlin, 1960, pp 147-154.

JPRS 3544

Eastern Europe
Economic (Contd)

The Commuter Traffic Problem in Leipzig, by
F. Richter-DeVroe, H. Liebe, 20 pp.

GERMAN, per, Deutsche Eisenbahntechnik,
Vol VIII, No 4, Berlin, 1960, pp 155-164.

JPRS 3545

Tasks of the Inland Fisheries in the Seven-
Year Plan, by S. Stechowsky, 7 pp.

GERMAN, per, Deutsche Fischerei Zeitung,
Vol VII, No 1, 1960, pp 1-5.

JPRS 2965

Production of High-Power Transformers in East
Germany, by W. Wilflin, (NY-4465).

GERMAN, per, Elektrie (Elektrofertigung Supple-
ment), Vol XIV, No 5, 1960, pp 33-36.

*JPRS

Teletype Communications, by W. Jaekel, 6 pp.

GERMAN, per, Elektro Anzeiger, No 42/43,
28 Oct 1959, pp 431-433.

USASIA: SC-160/b/60

Present Status and Prospects of Television in
Germany, by Fritz Schroeter, 14 pp.

GERMAN, per, Elektro-Anzeiger, Vol XIII, No 5/6,
10 Feb 1960, pp 45-49.

USASIA: SC-162/60

The Engineers' Association's Project for the
Expansion of the Vestkraft Power Plant in
1958-1959, by J. Poulsen.

GERMAN, per, Elektroteknikerer, Vol LVI, No 3,
Feb 1960, pp 60-64. (Call No Tk4 E37, Eng Tr).

AMS

Measures Concerning the Solution of the Tasks
of Transportation During the Seven-Year Plan,
(NY-4459).

GERMAN, np, Fahrt Frei, 24 May 1960, Vol XII,
No 21, pp 1-16.

*JPRS

Science in the Service of Practice in Measures
of Technology, by Lehmann, Wiemer, (NY-4447).

GERMAN, per, Feingeratetechnik, Vol VIII, No 10,
1959, pp 434-441.

*JPRS

Ten Years Development of Automatic Measuring
Instruments, by Eckerkunst, (NY-4447).

GERMAN, per, Feingeratetechnik, Vol VIII,
No 10, 1959, pp 458-462.

*JPRS

Eastern Europe
Economic (Contd)

Standardization in the Optical Industry and the Centralized Production of Standardized Components, by K. Werlich, (NY-4373).
GERMAN, per, Feingeratetechnik, Vol IX, No 5, 1960, pp 194-199.

*JPRS

The Optical Industry of Czechoslovakia, by Jaroslav Kolrus, (NY-4373).
GERMAN, per, Feingeratetechnik, Vol IX, No 5, 1960, pp 205-208.

*JPRS

Frankfort's Water Supply and Its Problems, by Georg Tresser.
GERMAN, per, GWF, Vol C, No 42, Frankfort, 1959, pp 1073-1078. (Call No TP 700, G25, Eng Tr).

AMS

Problems of North Germany's Gas Industry, by Georg Duwel.
GERMAN, per, GWF, Vol C, No 43, Frankfort, Oct 1959, pp 1118-1125. (Call No TP 700, G25, Eng Tr).

AMS

Wood Products Industry and the Seven-Year Plan, by Werner Faust, (NY-4574).
GERMAN, per, Die Material Wirtschaft, Vol VIII, No 5, 1960, pp 1-4.

*JPRS

Maritime Shipping, 8 pp.
GERMAN, per, Schiffbautechnik, No 7, 1959.

Navy 629/ONI 5096348

Tasks and Organization of a Quality Control Department in an Iron and Steel Works and Its Importance to the Operation, by H. Frober.
GERMAN, per, Stahl und Eisen, Oct 1959, pp 1627-1637.

BISI 1690

Family Income in Households of Workers and Employees, by Siegfried Pech, (NY-4554).
GERMAN, per, Statistische Praxis, Vol XV, No 4, 1960, pp 81-83.

*JPRS

Effective Controls Result in Higher Quality for Construction Industry, by Heinz Mueller, Bruno Minowsky, (NY-4554).
GERMAN, per, Statistische Praxis, Vol XV, No 4, 1960, pp 84, 85.

*JPRS

Eastern Europe
Economic (Contd)

Czechoslovak Machine Building, (NY-4462).
GERMAN, per, Die Technik, Vol XV, No 5,
1960, pp 340-343.

*JPRS

Concerning the Development of the Contract
System in the Construction Industry, by
Manfred Enzmann, (NY-4553).
GERMAN, per, Vertragssystem, Vol III, No 11,
1959, pp 321-326.

*JPRS

Problems of Nationalization -- Resolution of
a Conference of the Austrian Communist Party,
(DC-3801/13).
GERMAN, per, Weg and Ziel, Vol XVIII, No 6,
1960, pp 471-478.

*JPRS

Basic Principles Concerning Long-Term Planning
of Domestic Trade in the GDR, by Helmut
Bretschneider, Siegfried Eckhardt, (NY-4589).
GERMAN, per, Wirtschaftswissenschaft, Vol VII,
No 6, 1959, pp 865-879.

*JPRS

Differentiation of Standard Wages of Production
Workers in the GDR Economy, by Hermann Knoeschke,
(NY-4589).
GERMAN, per, Wirtschaftswissenschaft, Vol VII,
No 6, 1959, pp 899-918.

*JPRS

Selected Chapters From "Statistics and Data for
a Study of the Development of the People's
Economy - 1949-1955," (NY-4527).
HUNGARIAN, bk, Adatok es Adalekok A Nepszadasag
Fejlodesenek Tanulmanyozasahoz 1949-1955, 1957,
pp 37-154, 287-460.

*JPRS

The Second Five-Year Plan (1961-1965), by Arpad
Kiss, (NY-4466).
HUNGARIAN, per, Allam Es Igazgaras, Vol X, No 5,
1960, pp 321-337.

*JPRS

Tenth Anniversary of the Mineral Mining Industry,
by Viktor Bauma, 21 pp.
HUNGARIAN, per, Banyaszati Lapok, Vol XCIII, No 1,
Budapest, 1960, pp 1-11.

JPRS 2965

Eastern Europe
Economic (Contd)

Ten Years of Work of the Institute of Power Research (VILLENKI), by Pal Ignacz, (NY-4467).
HUNGARIAN, per, Elektrotechnika, Vol LIII,
No 2/3, 1960, pp 54-59.

*JPRS

Iron Strip Suitable For Vacuum Engineering,
by Endre Nagy, 14 pp.
HUNGARIAN, per, Kohaszati Lapok, Vol XCIII,
No 1, Budapest, 1960, pp 1-5.

JPRS 2922

Status of Instrumentation and Automation in
Hungarian Aluminum Metallurgy, by Rezso
Mohilla, 16 pp.
HUNGARIAN, per, Kohaszati Lapok, Vol XCIII,
No 1, Budapest, 1960, pp 17-23.

JPRS 2922

Main Trends in the Development of Foundry
Technology, by Janos Payer, (NY-4468).
HUNGARIAN, per, Kohaszati Lapok, Vol XCIII,
No 5, 1960, pp 97-99.

*JPRS

Ten Years of the Csepel Motor Works, by Bela
Feledy, 6 pp.
HUNGARIAN, per, Kozlekedestudomanyi Szemle,
Jan 1960, pp 39-42.

ACSI E-6414

Some Problems of Electrification, by Laszlo
Orosz, (NY-4550).
HUNGARIAN, per, Statistikai Szemle, Vol
XXXVIII, No 6, 1960, pp 574-587.

*JPRS

The Examination of Our Foreign Trade Relations
on the Basis of the Input-Output Table, by Mrs.
Ferenc Nyitrai, (NY-4550).
HUNGARIAN, per, Statistikai Szemle, Vol
XXXVIII, No 6, 1960, pp 588-603.

*JPRS

Production of the Nowa Huta Cement Plant,
by S. Pieczara, 4 pp.
POLISH, per, Cement, Wapno, Gips, Vol XV/XXIV,
No 10, Warsaw, 1959, pp 270, 271.

JPRS 2889

Economic Problems in the Development of the
Cement and Lime Industry, by Jerzy Bolkowski,
6 pp.
POLISH, per, Cement, Wapno, Gips, Vol XV/XXIV,
No 11, Warsaw, 1959, pp 311-313.

JPRS 2889

Eastern Europe
Economic (Contd)

Labor Productivity in the Cement Industry,
by R. Markiewicz, 12 pp.
POLISH, per, Cement, Wapno, Gips, Vol XV/XXIV,
No 12, Warsaw, 1959, pp 343-347.

JPRS 2889

Reply to Article on Investments in the Cement
Industry, by F. Zabiak, 7 pp.
POLISH, per, Cement, Wapno, Gips, Vol XV/XXIV,
No 12, Warsaw, 1959, pp 347-349.

JPRS 2889

The Role and Tasks of Agricultural Circles, by
Zdzislaw Jagielski, Jan Kilgert, 21 pp.
POLISH, per, Chlopska Droga, No 6, Warsaw,
20 Jan 1960, pp 3-15.

JPRS 2889

Construction of Prestressed Concrete Bridges
in Poland, by Zbigniew Wasiutynski, 12 pp.
POLISH, per, Drogownictwo, Vol XIV, No 12,
1959, pp 309-314.

JPRS 2921

Material Incentives for Increasing Labor Pro-
ductivity and Eliminating Excess Employment,
by Bronislaw Fick, 22 pp.
POLISH, per, Finanse, Vol X, No 10, 1959,
pp 27-35.

JPRS 2966

Address to the General Conference of Accountants
on the State of the Economy, by Tadeusz Dietrich,
(NY-4445).
POLISH, per, Finanse, Vol XI, No 4, 1960, pp 1-7.

*JPRS

Technical Advance and Wages, by Bronislaw Fick,
(NY-4445).
POLISH, per, Finanse, Vol XI, No 4, 1960,
pp 8-19.

*JPRS

The Role of Turnover Tax, by Otton Niedzialkowski,
(NY-4445).
POLISH, per, Finanse, Vol XI, No 4, 1960,
pp 20-23.

*JPRS

Changes in Principles for the Realization and
Financing of Investments, by Wacław Witkowski,
(NY-4445).
POLISH, per, Finanse, Vol XI, No 4, 1960,
pp 24-32.

*JPRS

Eastern Europe
Economic (Contd)

Study of the Effectiveness of Surplus Stock Management, by Wladyslaw Jelen, (NY-4445).
POLISH, per, Finanse, Vol XI, No 4, 1960,
pp 43-49.

*JPRS

Experience of the New System of Management in Key Industries in the First Year, by Bohdan Glinski, 19 pp.
POLISH, per, Gospodarka Planowa, Vol XIV, No 10, Warsaw, 1959, pp 4-11.

JPRS 2888

Central Plan Directives and Enterprise Independence, by Tadeusz Gradowski, Aleksander Kiernozyski, 15 pp.
POLISH, per, Gospodarka Planowa, Vol XIV, No 10, Warsaw, 1959, pp 12-17.

JPRS 2888

Maximization of Economic Growth and Payment of Interest on Investment Outlays, by Mieczyslaw Rakowski, 17 pp.
POLISH, per, Gospodarka Planowa, Vol XIV, No 10, Warsaw, 1959, pp 22-28.

JPRS 2888

Study of the Structure of the Demand for Capital Equipment, by Ryszard Wilczewski, 21 pp.
POLISH, per, Gospodarka Planowa, Vol XIV, No 10, Warsaw, 1959, pp 28-36.

JPRS 2838

Prices and Consumption in Poland and Other People's Democracies, by Adam Zwass, 18 pp.
POLISH, per, Gospodarka Planowa, Vol XIV, No 10, Warsaw, 1959, pp 36-42.

JPRS 2888

Data on Turnover, Age, and Experience of Workers in the Coal Mining Industry in the 1956-1958 Period, by J. Wiecek, 8 pp.
POLISH, per, Gospodarka Planowa, Vol XIV, No 10, Warsaw, 1959, pp 54-57.

JPRS 2888

Causes of Inflationary Phenomena in a Socialist Economy, by Bronislaw Minc, 7 pp.
POLISH, per, Gospodarka Planowa, Vol XIV, No 11, 1959, pp 8, 9.

JPRS 2921

**Eastern Europe
Economic (Contd)**

Problems Connected With Further Development
of Rybnik Coal District, by Konrad Krenzel,
15 pp.

POLISH, per, Gospodarka Planowa, Vol XIV,
No 11, 1959, pp 39-44.

JPRS 2966

The Importance of Bituminous Coal in Export
and in the Production of Export Products, by
Bronislaw Wojciechowski, 9 pp.

POLISH, per, Gospodarka Planowa, Vol XIV,
No 11, 1959, pp 44-47.

JPRS 2966

Size of Industrial Enterprises and Labor
Productivity, by Adam Broner, Roman Kulczycki,
25 pp.

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

JPRS 2921

Size of Industrial Plants and Distribution
of the Labor Force, by Tadeusz Mrzyglod,
15 pp.

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

JPRS 2921

The Two Ceilings and Growth Rate of Invest-
ment in 1959, by E. Rychlewski, (NY-4544).

POLISH, per, Gospodarka Planowa, Vol XV, No 5,
1960, pp 7-12.

*JPRS

Plans for Development of Deep-Sea Fishing, by
Witold Strak, (NY-4457).

POLISH, per, Gospodarka Rybna, Vol XII, No 2,
1960, pp 1-4.

*JPRS

Plans to Develop a System of Retention Dams on
the Upper Dunajec and Vistula Rivers, by Kazimierz
Puczyński, 11 pp.

POLISH, per, Gospodarka Wodna, Vol XIX, No 10,
1959, pp 433-436.

JPRS 2966

Construction Costs on Hydraulic Engineering
Projects, by Stanislaw Iwanicki, Aleksy
Kurhanowicz, 26 pp.

POLISH, per, Gospodarka Wodna, Vol XIX, No 11/12,
1959, pp 493-501.

JPRS 2921

Eastern Europe
Economic (Contd)

Present and Future Production of Heavy Forgings
in Poland, by Ludwik Im, 4 pp.
POLISH, per, Hutnik Vol XXVI, No 9, 1959,
pp 366-368.

JPRS 2889

Savings in Investments Through Revisions of
Plans and Estimates, by Marian Bartnicki,
12 pp.
POLISH, per, Investycje i Budownictwo, Vol IX,
No 12, 1959, pp 1-5.

JPRS 2966

Forest Management Conference, (NY-4439).
POLISH, per, Las Polski, Vol XXXIV, No 11,
1960, pp 8-10.

*JPRS

Municipal Autobuses, 4 pp.
POLISH, per, Motor, 16 Aug 1959, p 6.

ACSI H-6032
ID 2144847

Roadside Service Stations, by E. Laskis,
J. Sowilski.
POLISH, per, Motoryzacja, No 4, 1958,
p 92.

519th MI Bn, H-3378
ID 2144849

Description of the Construction of Polish-
Made 216-Millimeter Diameter Drill Bits, by
Jozef Werynski, Zbigniew Nowak, 14 pp.
POLISH, per, Nafta, Vol XV, No 12, Katowice,
1959, pp 334-341.

JPRS 2889

Long-Range and Five-Year Plan for Scientific
Research in Agricultural Techniques - 1961-1965
and 1961-1975, by Wincenty Zarembo, (DC-4182).
POLISH, per, Postepy Nauk Rolniczych, Vol XII,
No 1, 1960, pp 3-20.

*JPRS

Technical Data on Public Utility Power Plants
of Over Forty Megawatts, by Jakob Mandel,
27 pp.
POLISH, per, Przegląd Elektrotechniczny,
Vol XXXV, No 11, Warsaw, 1959, pp 442-451.

JPRS 2889

Problems of New Railroad Freight Tariff, by
Tadeusz Krajewski, 14 pp.
POLISH, per, Przegląd Kolejowy, Vol XI, No 12,
Warsaw, 1959, pp 441-446.

JPRS 2921

Eastern Europe
Economic (Contd)

- Utilization of Freight Car Capacities, by
Zdzislaw Michalak-Kowalski, 6 pp.
POLISH, per, Przegląd Kolejowy, Vol XI, No 12,
Warsaw, 1959, pp 447-449. JPRS 2921
- Plans to Raise the Technical (Electrical Service
and Equipment) Level of Railroads, 10 pp.
POLISH, per, Przegląd Kolejowy-Elektrotechniczny,
Vol XII, No 1, Warsaw, 1960, pp 1-4. JPRS 2889
- Report on the Traction Service in 1959 and Tasks
for 1960, by Wacław Młodecki, 12 pp.
POLISH, per, Przegląd Kolejowy-Mechaniczny,
Vol XII, No 1, 1960, pp 1-5. JPRS 2966
- The Freight Car Service in 1959 and 1960, by
Teobald Neumann, 14 pp.
POLISH, per, Przegląd Kolejowy-Mechaniczny,
Vol XII, No 1, 1960, pp 5-11. JPRS 2966
- Technical Servicing of Combustion Locomotives,
by Anotol Lewkowicz, 6 pp.
POLISH, per, Przegląd Kolejowy-Mechaniczny,
Vol XII, No 1, 1960, pp 22-24. JPRS 2966
- Railroad Freight and Passenger Targets for
1960, by K. Blotko, 9 pp.
POLISH, per, Przegląd Kolejowy-Przewozowy,
Vol XI, No 12, Warsaw, 1959, pp 298-300. JPRS 2889
- Resume of the Establishment, Organization,
Accomplishments, and Current Projects of the
OSShD, by Stanisław Podwysocki, 6 pp.
POLISH, per, Przegląd Kolejowy-Przewozowy,
Vol XI, No 12, Warsaw, 1959, pp 312-314. JPRS 2889
- Information on Railroad Passenger and Freight
Traffic in 1959, by Mieczysław Zajfryd, 14 pp.
POLISH, per, Przegląd Kolejowy-Przewozowy,
Vol XII, No 1, Warsaw, 1960, pp 2-7. JPRS 2889
- Transit Traffic Through Poland, by S. Omelianiuk,
12 pp.
POLISH, per, Przegląd Kolejowy-Przewozowy,
Vol XII, No 2, Warsaw, 1960, pp 36-41. JPRS 2966

Eastern Europe
Economic (Contd)

Achievements of Domestic Industry to Date in Production of Internal-Combustion Locomotives, by Jan Wiodarczyk, 6 pp.

POLISH, per, Przegląd Mechaniczny, Vol XVIII, No 24, Warsaw, 25 Dec 1959, pp 783-785.

JPRS 2889

Prospects of the Development of the Design of Turret Lathes, by Marian Tutak, 4 pp.

POLISH, per, Przegląd Mechaniczny, Vol XVIII, No 24, 25 Dec 1959, pp 789-792.

JPRS 2889

Operation of the ATS Prime Mover in the Winter Tide, by Jan Zielinski, 11 pp.

POLISH, per, Przegląd Samochodowy, No 2, 1958, pp 30-38.

ACSI H-3245

Autobus N-81 "ODRA," by W. Milewski, 10 pp.

POLISH, per, Przegląd Samochodowy, No 10, 1958, pp 49-55.

519th MI Bn, H-3383
ID 2144861

Czechoslovak Motor Car Industry, 13 pp.

POLISH, per, Przegląd Techniczny, No 6, 1959, pp 34-39.

ACSI H-6517

The Bearings Industry, by W. Szablewski, (NY-4437).

POLISH, per, Przegląd Techniczny, Vol LXXXI, No 11, 1959, pp 5-7.

*JPRS

Mechanization, Automation, Standardization in Electronics Industry, by Witold Tyrman, (NY-4577).

POLISH, per, Przegląd Techniczny, Vol LXXXI, No 12, 1960, pp 5-8.

*JPRS

New Finish of Cotton Goods With Insecticides, by M. Orzel, 19 pp.

POLISH, per, Przegląd Włókienniczy, No 11/12, 1959, pp 602-605.

ACSI H-6360

On Cooperation of the Food Industries of CEMA Countries, by Włodzimierz Kamiński, Piotr Jaworski, 6 pp.

POLISH, per, Przemysł Spożywczy, No 1, 1960, pp 1-5.

JPRS 2966

Eastern Europe
Economic (Contd)

Planned "Bacutil" Feed Industry in 1960-1965,
by Tadeusz Skwirzynski, (NY-4546).
POLISH, per, Przemysl Spozywczy, Vol XIV, No 5,
1960, pp 24-28.

*JPRS

M-2 Airplane Is Now Flying, by Tadeusz Kostia,
3 pp.
POLISH, per, Skrzydlato Polaka, No 38,
17 Sep 1958, pp 10, 11.

519th MI Bn, H-3385
ID 2144850

Decrees and Decisions Concerning the Tasks
of the Committee for Inventions and Discoveries,
8 pp.
RUMANIAN, rpt, Encl 1-3 to Desp No 245,
AmLegation, Bucharest, 11 May 1960.

Dept of State
4308131

Extract From the Decision of the Council of
Ministers Concerning the Reorganization of
Automotive Passenger and Goods Transportation,
(DC-4187).

RUMANIAN, per, Colectia de Hotariri si
Dispozitii ale Consiliului de Ministri al RPR,
No 8, 8 Mar 1960, pp 105-108.

*JPRS

Extract From the Decision of the Council of
Ministers Concerning the Establishment of
Domestic Air Transportation Tariffs, (DC-4186).
RUMANIAN, per, Colectia de Hotariri si
Dispozitii ale Consiliului de Ministri al RPR,
6 Jun 1960, pp 533-539.

*JPRS

Internal Socialist Management in Construction
Organizations and Enterprises, by A. Anusca,
(NY-4547).
RUMANIAN, per, Evidenta Contabila, No 4, 1960,
pp 35-40.

*JPRS

Present Tasks of the State Bank: Strengthening
Bank Control of the Leu in the Economy, by C.
Maioreanu, (NY-4555).
RUMANIAN, per, Finante si Credit, No 1, 1960,
pp 14-27.

*JPRS

Eastern Europe
Economic (Contd)

Improving Control of the Use of Investment Funds, by Al. Pintea, (NY-4555).

RUMANIAN, per, Finante si Credit, No 1, 1960, pp 28-41.

*JPRS

Present Problems of the Office of Savings and Deposits, by Ilie David, (NY-4555).

RUMANIAN, per, Finante si Credit, No 1, 1960, pp 42-48.

*JPRS

Some Results of the Recalculation of Operating Capital, by I. Lucaci, (NY-4436).

RUMANIAN, per, Finante si Credit, No 2, 1960, pp 28-34.

*JPRS

Conference on the Amelioration of the Agricultural Base Through Land Improvement, by S. Boeru, (NY-4446).

RUMANIAN, per, Probleme Agricole, Vol XII, No 5, 1960, pp 60-64.

*JPRS

Development of Water Feed Lines and Canalization in the Rumanian People's Republic 1944-1959.

RUMANIAN, per, Revista Hidrotehnica, No 8, 1959.

ACSI H-6524, A

Permanent Port Construction in the Rumanian People's Republic.

RUMANIAN, per, Revista Transporturilor, No 8, 1959.

ACSI H-6524, B

Czechoslovak Small Displacement Vehicle, the "Avi-350," by S. Karzinkin, 3 pp.

RUSSIAN, per, Avtomobil Transport, p 62.

ACSI H-6398

ID 2144846

Production of Machine Tools in Poland, by I. I. Beregovskiy, (NY-4440).

RUSSIAN, per, Byul' Tekh-Ekon Informatsii, Vol XIII, No 3, 1960, pp 72-76.

*JPRS

Forestry Month, by Vladimir Marko, (NY-4461).

SLOVAK, per, Les, Vol XVI, No 4, 1960, pp 97-100.

*JPRS

Eastern Europe
Economics (Contd)

Chief Tasks of Communications in Slovakia
in the Third Five-Year Plan, 10 pp.

SLOVAK, per, Vestnik Spojov, No 51,
Bratislava, 17 Dec 1959, pp 3-7.

JPRS 2965

Growth of the Postal Service, Telegraph,
Telephone, and Television Sectors in the
Third Five-Year Plan, (DC-4163).

SLOVAK, per, Vestnik Spojov, No 20,
19 May 1960, pp 3-21, 23-45, 48-58.

*JPRS

Political

Organizational Chart of Yugoslav Federal
Administration, by V. L., R. S., (DC-4167).

CROATIAN, per, Nova Administracija,
Vol VIII, No 4, 1960, pp 359-363.

*JPRS

Czechoslovak Note Transmitting East German
Views on Summit Conference Issues.

CZECH, rpt, Encl to Desp No 433, AmEmbassy,
Prague, 13 May 1960.

Dept of State

The USSR -- Guarantee of the Security and
Development of Czechoslovakia, by Vaclav
Kotyk, 12 pp.

CZECH, per, Nova Mysl, No 5, 1960, pp 475-483.

JPRS 3521

Czechoslovak Foreign Policy in the Post War
World, by Jiri S. Hajek, 13 pp.

CZECH, per, Nova Mysl, No 5, 1960, pp 484-494.

JPRS 3522

International Significance of the Completion
of Socialistic Buildup in the Czechoslovak
Republic, by Dusan Rozehnal, 12 pp.

CZECH, per, Nova Mysl, No 5, 1960, pp 509-518.

JPRS 3523

Certain Tasks of the Slovak National Organs
During the Contemporary Phase of Our Society,
by K. Bacilek, (DC-4125).

CZECH, per, Nova Mysl, No 6, 1960, pp 590-604.

*JPRS

Eastern Europe
Political (Contd)

Contemporary Capitalism and the Ideology
of Rightist Socialists, by J. Kiofac,
(DC-4125).

CZECH, per, Nova Mysl, No 6, 1960,
pp 644-654.

*JPRS

From the Beginnings of the Anti-Fascist
Movement in Slovakia, by L. Vebr, (DC-4125).

CZECH, per, Nova Mysl, No 6, 1960,
pp 678-682.

*JPRS

The Development of Slovakia in Socialist
Czechoslovakia, (DC-4189).

CZECH, per, Nova Mysl, No 7, 1960,
pp 745-752.

*JPRS

Contributions to the History of the Partisan
Movement in Slovakia, by J. Dolezal,
(DC-4189).

CZECH, per, Nova Mysl, No 7, 1960,
pp 792-796.

*JPRS

Leon Petrazyski's Theory of the State and
Law, by Mieczyslaw Maceli, 16 pp.

POLISH, per, Nowe Drogi, Vol XIV, No 5 (132),
1960, pp 83-97.

JPRS 3481

Eastern Europe
Military

Military Obligations of Yugoslav Citizens
Residing in Foreign Countries, 18 pp.
CROATIAN, rpt, Belgrade, 3 Feb 1960.

ID 2137352

For the Czechoslovakian People's Army Day,
by Miroslav Otruba.
CZECH, per, Amaterske Radio, Vol VIII, No 10,
1959, p 263.

USASIA: SC-308a/60

The Television Broadcasting Station 100 W/30
of the "Svazarm" (Army League), 8 pp.
CZECH, per, Amaterske Radio, Vol VIII, No 10,
1959, p 273-280.

USASIA: SC-308b/60

Organizational Problems in Handling Mass Burn
Wounds, by Endre Tamas, 8 pp.
HUNGARIAN, per, Honvedorvos, Vol XII, No 1,
1960, pp 18-24.

JPRS 3527

Regarding a Psychological Orientation Test
for Aviation Candidates, by Karoly Akos,
4 pp.
HUNGARIAN, per, Honvedorvos, Vol XII, No 1,
1960, pp 33-35.

JPRS 3527

The T-34 Against Tigers, 4 pp.
POLISH, per, Zolnierz Polski, No 8 (613),
24 Feb 1960, p 8.

ACSI H-6525

Selected Military Translations on Eastern
Europe, 4 pp.
SERBO-CROATIAN, per, Sluzbeni List FNRJ,
Vol XVI, No 15, 13 Apr 1960, p 297.

JPRS 3533

Eastern Europe
Geographic

The Arda River Cascade, by Velyu Velez,
(NY-4548).

BULGARIAN, per, Geografiya, No 4, 1960,
pp 1-3.

*JPRS

Soil Mapping in Bulgaria and Its Use for
the Need of Agricultural Practice, by
V. Koynov, (NY-4556).

BULGARIAN, per, Priroda, No 2, Sofia,
Mar 1960, pp 30-32.

*JPRS

Political-Territorial Changes in Yugoslavia,
1945-1960, by A. Jovanovic, (NY-4511).

CROATIAN, per, Nova Administracija, Vol VIII,
No 2, 1960, pp 114-119.

*JPRS

International Organizations of Cartography,
by Alexander Rado, 3 pp.

HUNGARIAN, per, Geodezia es Kartografia,
Vol XI, No 1, 1959, p 62.

JPRS 3477

Experiences Gained at the Map Renovation
of Baranya County, by Stephan Ambrus, 4 pp.

HUNGARIAN, per, Geodezia es Kartografia,
Vol XI, No 1, 1959, pp 63, 64.

JPRS 3477

Cartography at the Eighteenth International
Congress of Geography, by Alexander Rado,
3 pp.

HUNGARIAN, per, Geodezia es Kartografia,
vol X, No 3, 1958, pp 224, 225.

JPRS 3477

New Projection System of Hungarian Large-
Scale Maps, by William Vincze, 5 pp.

HUNGARIAN, per, Geodezia es Kartografia,
No 3, 1959, pp 167-169.

JPRS 3477

An Atlas of Poland's Industry, by Stanislaw
Leszczitski, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geograf,
No 2, 1960, pp 127-132.

JPRS 2921

Eastern Europe
Sociological

Report of Albanian Minister of Education on
1959 Achievements and 1960 Tasks in Education,
by Mamush Myftiu, 19 pp.

ALBANIAN, per, Aresimi Popullor, No 12, Tirana,
1959, pp 32-48.

JPRS 3463

Bulgarian Ministry of Culture and Education
Directive Concerning the Admission of Students
Into Higher Training Establishments for the
1960-1961 School Year, by B. Vaptsarov, 24 pp.
BULGARIAN, per, Iz na Presidiuma na Narodnoto
Subranie, Vol XI, No 27, Sofia, 1960, pp 1-6.

JPRS 3529

The Planning of State Social Security and
Pensions in Bulgaria, by Iv. Katsarov, 20 pp.
BULGARIAN, per, Iz na Visshiya Finansovo-
Stopanski Institut Svishtov, Vol XII, No 4,
1959, pp 465-479.

JPRS 3529

Organization of Production Training in
Secondary Polytechnical Schools in Sofia,
Bulgaria, by Zhaklen Bekhar, (DC-4205).
BULGARIAN, per, Narodna Prosveta, No 5, 1960,
pp 10-18.

*JPRS

The Problem of Juvenile Delinquency in Bulgaria,
by Petur Raychev, (DC-4205).
BULGARIAN, per, Narodna Prosveta, No 5, 1960,
pp 99-106.

*JPRS

Bulgaria's New School Plan and Curriculum for
the Primary School, by Aleksandur Madzharov,
(DC-4206).
BULGARIAN, per, Narodna Prosveta, No 6, 1960,
pp 35-43.

*JPRS

Preparation for the Introduction of Compulsory
Eight-Year Public Schooling in Bulgaria, 5 pp.
BULGARIAN, per, Uchitelsko Delo, Vol X, No 85,
Sofia, 1959, p 1.

JPRS 3529

Immediate Preparation for Continuous Production
Practice in Bulgarian Schools, 4 pp.
BULGARIAN, per, Uchitelsko Delo, Vol XI, No 12,
Sofia, 1960, p 1.

JPRS 3529

Eastern Europe
Sociological (Contd)

The Atheistic Training of Bulgarian Students of the Turkish Ethnic Group, by Adile Mirkova, 3 pp.

BULGARIAN, per, Uchitel'sko Delo, Vol XI, No 20, Sofia, 1960, p 2.

JPRS 3529

The Status of Teachers' Academies in the System of Advanced School Studies, by Tone Perushko, 12 pp.

CROATIAN, per, Pedagoški Rad, No 3/4, 1960, pp 120-127.

JPRS 3529

Problems of Social Relations in Yugoslav Workers' Collectives, 15 pp.

CROATIAN, per, Socijalna Politika, No 3, 1960, pp 3-14.

JPRS 3476

Professional Education for Employed Workers in Serbia, by Dragoljub Arsenijevic, 11 pp.

CROATIAN, per, Socijalna Politika, No 3, Belgrade, 1960, pp 33-41.

JPRS 3476

Principles of the Czechoslovak Population Policy, by Vladimir Srb, 9 pp.

CZECH, per, Demografie, Vol II, No 1, Prague, 1960, pp 1-7.

JPRS 3476

Smolenice Conference on Standard of Living, 12 pp.

CZECH, per, Demografie, Vol II, No 1, Prague, 1960, pp 68-75.

JPRS 3476

The Trackhound and Its History, by H. Klingler, (SF-1002).

GERMAN, per, SV-Zeitung, Vol LIII, No 4, 5, 6, 1959, pp 300-321, 379-395, 434-455.

*JPRS

Legal Provisions Concerning Population Policy 1945-1958, by Karoly Miltenyi, 26 pp.

HUNGARIAN, per, Demografia, Vol II, No 2/3, 1959, pp 279-304.

Bu of Census

Current Problems of Our Population Policy, by Karoly Miltenyi, 11 pp.

HUNGARIAN, per, Statistikai Szemle, Vol XXXV, No 4/5, 1957, pp 333-344.

Bu of Census

Eastern Europe
Sociological (Contd.)

Notes on Dr Karoly Miltany's Article
"Current Problems of Our Population
Policy," by Jeno Redei, 6 pp.

HUNGARIAN, per, Statistikai Szemle,
Vol XXXV, No 4/5, 1957, pp 345-350.

Bu of Census

Facts and Figures on Crimes Committed
in Poland, by Jerzy Bafia, 8 pp.

POLISH, per, Nowe Drogi, Vol XIV, No 3
(130), 1960, pp 158-163.

JPRS 3347

Poland's Need for Mechanical Engineers in
1960-1975, by Tadeusz Wodzinski, 16 pp.

POLISH, per, Przegląd Mechaniczny, No 2,
Warsaw, 25 Jan 1960, pp 29-33.

JPRS 3347

Academic Efficiency and Achievements of
Students in Polish Higher Schools -- The
Efficiency of Studies," by Janusz Tymowski,
5 pp.

POLISH, per, Zycie Szkoły Wyzszej,
Vol VIII, No 2, 1960, pp 21-31.

JPRS 3347

Problems of the Activity of Departments of
Dialectical Materialism and Scientific
Socialism in Rumanian Higher Education, by
E. B., I. D., 10 pp.

RUMANIAN, per, Cercetari Filozofice, Vol III,
No 2, Bucharest, 1960, pp 259-265.

JPRS 3476

Achievements and Aptitudes of Rumanian
Students, by Dan Ionescu, 6 pp.

RUMANIAN, per, Contemporanul, No 7 (696),
Bucharest, 12 Feb 1960, p 2.

JPRS 3529

Evening and Non-Attendance Courses in Rumania,
by I. Gh. Borca, 5 pp.

RUMANIAN, per, Contemporanul, No 11, Bucharest,
11 Mar 1960, p 2.

JPRS 3463

Rumanian Review Discusses Special Inspections
Required for Teachers -- "Special Inspections
for Awarding Teaching Degrees," 5 pp.

RUMANIAN, np, Gazeta Invatamintului, Vol XII,
No 550, 29 Jan 1960, pp 1, 7.

JPRS 3347

Eastern Europe
Sociological (Contd)

**Excessive Home Assignments for Students
Attacked by Rumanian Review -- The Great
Volume of Homework: The Reason for Over-
loading, 3 pp.**
RUMANIAN, np, Gazeta Invatamintului, Vol XII,
No 550, 29 Jan 1960, p 3.

JPRS 3347

Rumanian Review Seeks to Prove Worthlessness
of Religion -- "What Good Is Religion," by
Constanta Alexe-Oprescu, 6 pp.
RUMANIAN, np, Viata Studenteasca, Vol V,
No 1/2, 1960, p 7, No 3, 10 Feb 1960, p 7.

JPRS 3347

Results of Research in Experimental Twelve-
Year Secondary Schools During the 1958-1959
School Year, 16 pp.
SLOVAK, per, Jednotna Skola, Vol XIV, No 10,
Bratislava, 1959, pp 865-878.

JPRS 3463

Biographic

Adolf Eichman, by Robert Pendorf, (DC-4210).
GERMAN, per, Stern, No 27, pp 14-18, 65-69,
72-74; No 28, pp 16, 58, 59.

*JPRS

NORTHERN EUROPE

Economic

Swedish-Spanish Trade Agreement Signed
in Madrid on 7 April 1960, 3 pp.
SWEDISH, rpt, Encl 2 to Desp No 941,
AmEmbassy, Stockholm, 6 May 1960.

Dept of State
4306705

Military

Civil Defense Law, by U. Kekkonen.
FINNISH, per, Rakennustaito, Vol LIV,
No 21, 1959, Helsinki, pp 655-657.
(Call No TH 4.R16, Eng. Tr.)

AMS

1960 Introduces a New Era in the Navy's
Position History: New Fleet Plan on the
Way, 3 pp.
NORWEGIAN, per, Mannskaps Avis, No 1,
11 Jan 1960.

Navy Tr 2567/ONI 681

The Army Assists Civil Defense, by
Major Gunnar Lundquist, Major Bertil
Malgerud, 5 pp.
SWEDISH, per, Var Arme, 1960, pp 14-17,
Encl to R-16-60, CARMA, Sweden.

ACSI H-6361
ID 2131839

Geographic

The City of Lahti.
FINNISH, per, Lennattaja, Vol XLIV,
No 1, Helsinki, 1960, p 17. (Call
No HE 7601.L56, Eng. Tr.)

AMS

NEAR EAST/AFRICA

Economic

1960 Government Budget for Lebanon,
16 pp.
ARABIC, rpt, Beirut, 8 Feb 1960.

ID 2137774

Kuwait Board of Economic Development
Annual Report for 1959, 28 pp.
ARABIC, rpt, Encl to Desp No 333,
AmConsulate, Kuwait, 27 Apr 1960.

Dept of State
4602695

Lebanon's Trade Exchange With the
Soviet Union and Its European
Satellites, 4 pp.
FRENCH, np, Le Commerce du Levant,
2 Apr 1960.

Navy/ONI
5094227

Effects of Transit Trade on Lebanese
Economy, by Kesrouan Labaki, 4 pp.
FRENCH, np, Le Commerce du Levant,
11 May 1960.

Navy/ONI
5095184

A. Madagascar Railroads, by M.
de Gaillande; B. Ogowe Mining Railroad.
FRENCH, per, Industries et Travaux d'Outremer,
No 71, Paris, Oct 1959, pp 727-731; pp 747-749.
(Call No HC279.142, Eng. Tr.)

AMS

A. Modern Adjuncts to Seaports: Airports;
B. Geography of Three Types: Lagoon, Forest,
Savanna; C. Shades of Climate; D. Men and
Towns; E. Administrative Organization; F. Agri-
culture, Main Source of Ivory Coast Prosperity;
G. Forest Utilization; H. First Stages in Mining;
I. A Constantly Growing Industry; J. The First
Public Works: Roads; K. The Main Communications
Axis; the Railroad; L. Air-Wave Communications:
Telecommunications; M. Social Improvements:
Housing, by R. Boissin.
FRENCH, per, Republique de Cote d'Ivoire: Abidjan,
1960, pp 5-6, 9-10, 15-25, 27-29, 32-34. (Call
No DT556.B68, Eng. Tr.)

AMS

Business Activities of Insurance Companies
Operating in Greece in 1957, 8 pp.
GREEK, rpt, Encl to Desp No 1163, AmEmbassy, Athens,
2 Jul 1960.

Dept of State
4603677

Near East/Africa
Economic (Contd)

A Study of Israeli Water Resources and Water-Development Projects, by Ariel Regev, 16 pp.
HEBREW, per, Etger, Vol I, No 1, 1960, p 25.

JPRS 3568

Political

Kuwait Law of Civil Public Positions, 36 pp.
ARABIC, rpt, Encl to Desp No 337, AmConsulate,
Kuwait, 1 May 1960.

Dept of State
4602698

1960 Lebanese Parliamentary Election Law,
22 pp.
ARABIC, rpt, Encl 1-3 to Desp No 666, AmEmbassy,
Beirut, 11 May 1960.

Dept of State
4438994

The Domestic and Foreign Policies of Iraq, by
Chou Nan, (NY-4481).
CHINESE, per, Kuo-chi Wen-t'i Yen-chiu, No 1,
1959, pp 19-31.

*JPRS

The Algerian People Struggling for National
Independence, (DC-3801/13).
FRENCH, per, Cahiers du Communisme, Vol XXXVI,
No 4, 1960, pp 545-567.

*JPRS

Declaration of Central Committee (Statement of
Israeli Communist Party on the Occasion of
the Socialist International Meeting in Haifa),
(DC-3801/13).
HEBREW, np, Kol Haam, 27 April 1960, pp 1-3.

*JPRS

Guinea in Her Second Year, by Robert Lambott,
(DC-4161).
RUSSIAN, per, Sovremennyy Vostok, No 5, 1960,
pp 42-47.

*JPRS

Military

UAR: Physical Requirements for Entrance to
UAR Naval Academy, 14 pp.
ARABIC, rpt, 24 May 1960.

Navy/ONI
5095141

Near East/Africa
Geographic

Restoration of the Course of Sahara "Rivers,"
by L. Kervran.

FRENCH, per, Industries et Travaux d'Outremer,
No 72, Paris, 1959, pp 793-798. (Call No
HC279.I42, Eng. Tr.)

AMS

A. The National Geographic Institute's Overseas
Work.

FRENCH, per, Tropiques, No 424, Paris, Feb 1960,
pp 17-24. (Call No JV4, T85, Eng. Tr.)

AMS

The Climate in Portuguese Guinea, by C. Guimaraes.
PORTUGUESE, per, Boletim Cultural da Guinea
Portuguese, No 55, Lisbon, Jul 1959, pp 295-300.
(Call No DT 613.P83, Eng. Tr.)

AMS

Sociological

B. Overseas Housing Problems, by G. Carlander.

FRENCH, per, Tropiques, No 424, Paris, Feb 1960,
pp 33-39. (Call No JV4 T85, Eng. Tr.)

AMS

Italian War Cemeteries in North Africa, by
G. Scarpa.

ITALIAN, per, L'Universo, Vol XXXVI, No 3,
Florence, May/Jun 1956, pp 433-444. (Call No
J1.V58, Eng. Tr.)

AMS

FAR EAST

Economic

Socialist and Handicraft Industries of New China, by Chao I-wen, (DC-4122). CHINESE, monograph, Hsin-chung-kuo-ti Kung-yeh, 1957, pp 35-61, 87-114, publ by Tung-chi Ch'u-pan She.

*JPRS

Brief Introduction to a General Survey of Petroleum in the Liu-p'an Shan Region in Kansu Province.

CHINESE, bk, Kan-su-liu-p'an-shan-ch'u-yu-shih-yu-ti-chi-p'u-ch'a-chien-chieh, publ by the Geological Publ House, 1958, 83 pp.

USACRAPAC, PD
99401

Shanghai Work Report for 1958 and 1959, by Ts'ao Ti-ch'iu, 23 pp.

CHINESE, np, Chieh-fang Jih-pao, Shanghai, 14 Jun 1959, pp 1-3.

JPRS 3519

Continue to Leap Forward Riding the Waves, 5 pp.

CHINESE, per, Chien-chu, No 1, Peiping, 13 Jan 1960, pp 7-9.

JPRS 2758

Fushun Cement Works Overfulfills Targets, 3 pp.

CHINESE, per, Chien-chu Ts'ai-liao Kung-yeh, No 24, Peiping, 22 Dec 1959, p 11.

JPRS 2758

Great Achievements in the Universal and Light Industry Sectors, by Chou Tzu-chien, 6 pp.

CHINESE, per, Chi-hsieh Kung-yeh Chou-pao, Suppl. No 4, 7 Nov 1959, pp 28-30.

JPRS 3436

Communist China's Machine Industry, by Liu Ting, 3 pp.

CHINESE, per, Chi-hsieh Kung-yeh Chou-pao, No 51, 19 Dec 1959, p 2.

JPRS 3436

The Statistical Conference, Planning and Statistics in Communist China, by Chia Ch'i-jun, (NY-4471).

CHINESE, per, Chi-hua yu T'ung-chi, No 14, 1959, pp 1-21, 26, 27.

*JPRS

Far East
Economic (Contd)

The New Development of Financial and Commercial Work as Seen in the Organization of People's Economic Life in Chungking, by Yu Yueh-tae, 19 pp.

CHINESE, per, Ching-chi Yen-chiu, No 4, 1960, pp 17-21.

JPRS 2993

The Development of Commune Operated Industry in Shansi, 15 pp.

CHINESE, per, Ching-chi Yen-chiu, No 4, 1960, pp 28-31.

JPRS 2993

A Survey Report on General Conditions of Triple Ownership System in People's Communes in T'ung Hsien, 38 pp.

CHINESE, per, Ching-chi Yen-chiu, No 4, 1960, pp 32-41.

JPRS 2993

A Critique on Ma Yin-chy's Reactionary "New Population Theory," by Ho Chien-ch'ang, et al., 50 pp.

CHINESE, per, Ching-chi Yen-chiu, No 4, 1960, pp 55-68.

JPRS 2993

Metal Casting in China, (NY-4453).

CHINESE, per, Chu-kung, No 9, 10, 11, 12, 1959, pp 1-42, 1-53, 2-33, 23-50.

*JPRS

An Introduction to the Ho-p'ing No 49 Coastal Freighter, 56 pp.

CHINESE, per, Chung-kuo Tsao-ch'uan, No 4, Shanghai, 15 Oct 1959, pp 18-39.

JPRS 2850

Design of the Chiang-su-hao and the Chin-ling-hao Train Ferries, 61 pp.

CHINESE, per, Chung-kuo Tsao-ch'uan, No 4, Shanghai, 15 Oct 1959, pp 40-60.

JPRS 2850

Results of Heilungkiang 1958 Economic Plan, 10 pp.

CHINESE, np, Heilungkiang Jih-pao, Harbin, 6 Feb 1959, pp 1, 3.

JPRS 3511

Far East
Economic (Contd)

Work Report of the Honan Committee of
the Chinese Communist Party, by Yang
Wei-p'ing, 26 pp.

CHINESE, np, Honan Jih-pao, Cheng-chou,
16 Jan 1959, pp 1-3.

JPRS 3457

Work for a Better and More Comprehensive
Leap Forward in 1960, by Chieh Hsueh-kung,
26 pp.

CHINESE, np, Hopeh Jih-pao, 23 Nov 1959,
p 2.

JPRS 2894

The Question of the Distribution of In-
come in the Agricultural Communes, by
Chu Ching-chih, (NY-4449).

CHINESE, per, Hsin Chien-she, Peiping,
May 1960, pp 36-42.

*JPRS

Further Consolidation and Development of
People's Communes, by Chang P'ong-t'u,
9 pp.

CHINESE, np, Kansu Jih-pao, Lanchow,
15 Nov 1959, p 2.

JPRS 3467

Far East
Economic (Contd)

Our Mess Hall Is Like a Flower, by Ch'u Kuan-mao,
Huang Tung-keng, 7 pp.

CHINESE, np, Kiangsi Jih-pao, 4 Aug 1959,
Nan-ch'ang, p 1.

JPRS 2871

Provincial Commerce Department Strengthens
Rural Purchasing Forces, 6 pp.

CHINESE, np, Kiangsi Jih-pao, 5 Aug 1959,
Nan-ch'ang, p 2.

JPRS 2871

The People's Commune Is Still the Best, by
Hsiao Feng, Tso Feng-feng, T'ien Shao-hsing,
9 pp.

CHINESE, np, Kiangsi Jih-pao, 13 Aug 1959,
Nan-ch'ang, pp 1, 2.

JPRS 2871

Members of Liao-ch'i Production Team Enthusiastic
in Making Deposit, 3 pp.

CHINESE, np, Kiangsi Jih-pao, 13 Aug 1959,
Nan-ch'ang, p 3.

JPRS 2871

Communes Warmly Applauded by Their Members in
I-Huang Hsien, by Chang Chen-kang, Sung Yu-hsien,
3 pp.

CHINESE, np, Kiangsi Jih-pao, 15 Aug 1959,
Nan-ch'ang, p 3.

JPRS 2871

Communist Party Admits 90,000 New Members in
1959 in Kiangsi Province, 6 pp.

CHINESE, np, Kiangsi Jih-pao, 25 Feb 1960,
Nan-ch'ang, p 3.

JPRS 2872

Principal Views of China's Economists on Problems
Relating to the Principle of Planned and Proportional
Development of the National Economy, by Sun Ti-wen,
13 pp.

CHINESE, np, Kuang-ming Jih-pao, 18 Aug 1959, p 3.

JPRS 2822

The New Power of Science and Technology Greatly
Advances, 3 pp.

CHINESE, np, Kuang-ming Jih-pao, 1 Jan 1960,
Peiping, p 6.

JPRS 3416

Far East
Economic (Contd)

Fortify Results, Advance on the Heels of Victory, and Stir Up a Higher Tide of Technical Innovation and Technical Revolution, 12 pp.

CHINESE, per, Kung-ch'eng Chien-she, No 10, 15 Oct 1959, pp 2-5.

JPRS 2862

Achievements in Railway Construction Techniques During the Last Ten Years, by Li Pan-ming, Feng Kuang-p'ei, 18 pp.

CHINESE, per, Kung-ch'eng Chien-she, No 10, 1959, pp 12-17.

JPRS 2862

Developments and Achievements in Building Structures in the Past Decade, by Ho Kuang-ch'ien, Yeh Yao-hsien, 28 pp.

CHINESE, per, Kung-ch'eng Chien-she, No 10, 1959, pp 17, 28-36.

JPRS 2862

Ten Years of Development and Achievements in Concrete Techniques, by Wu Chung-wei, 32 pp.

CHINESE, per, Kung-ch'eng Chien-she, No 10, 1959, pp 18-27.

JPRS 2862

Achievements During the Past Decade in Water Conservation and Hydroelectric Designing Work, by Liu Sung-yao, 13 pp.

CHINESE, per, Kung-ch'eng Chien-she, No 10, 1959, pp 42-45.

JPRS 2862

Great Achievements of Our Bureau in Scientific Techniques of Construction During the Past Decade, by Man' Ch'iu, 7 pp.

CHINESE, per, Kung-ch'eng Chien-she, No 10, 1959, pp 46, 47.

JPRS 2862

Building and Installation Plans of the Ministry of Construction and Engineering, 21 pp.

CHINESE, per, Kung-ch'eng Chien-she, No 1, 1960, pp 7-13.

JPRS 2862

Far East
Economic (Contd)

Plans for Technical Organization in 1960
Mechanization Program, 29 pp.
CHINESE, per, Kung-ch'eng Chien-she, No 2,
1960, pp 1-6.

JPRS 2758

Program for Expansion of Scientific Tech-
niques in 1960 of Ministry of Construction
and Engineering, 30 pp.
CHINESE, per, Kung-ch'eng Chien-she, No 3,
1960, pp 1-6.

JPRS 2758

Realization of "Four Networks" in Postal
and Telecommunications Services in Cities,
3 pp.
CHINESE, np, Kung-jen Jih-pao, 13 May 1960,
p 2.

JPRS 2974

Realization of "Four Networks" in Postal
and Telecommunications in Hsiang-Fang,
Harbin, 5 pp.
CHINESE, np, Kung-jen Jih-pao, 13 May 1960,
p 2.

JPRS 2974

Strengthen Quota Management to Meet the
Requirement of Continuous Leap Forward in
Production, 7 pp.
CHINESE, per, Lao-tung, No 6, 1960, pp 24,
28, 29.

JPRS 5080

Viewing the Excellence of Urban Communes
From the Standpoint of Labor Work, (SF-1015).
CHINESE, per, Lao-tung, No 9, 1960, pp 7-10.

*JPRS

The Taming of the Hai Ho, 3 pp.
CHINESE, per, Lu-hsing Chia, Peiping, 18 Mar
1959.

JPRS 3446

Third Session of the Third Peiping City
People's Congress Convenes, (SF-1016).
CHINESE, np, Pei-ching Jih-pao, 25 Jun 1960,
pp 1-4.

*JPRS

Far East
Economic (Contd)

Anti-Flood Preparation Work in Anhwei Province
in 1959, 5 pp.

CHINESE, per, Shui-li Yu Tien-li, No 9, Anhwei,
9 May 1959.

JPRS 3447

Refuting the Absurd Conclusion that the Great
Leap Forward Is the Cause of Market Tension,
by Chow Fu-lin, (NY-4449).

CHINESE, per, Ssu-chuan Ta Hsueh Hsueh-pao,
No 5, 1960, pp 1-7.

*JPRS

What Commerce Should Do to Organize the People's
Economic Livelihood, by Chou Chung-fu, 4 pp.

CHINESE, np, Ta Kung Pao, 24 Aug 1959, p 3.

JPRS 3445

Discussion of Several Problems in Commune Dis-
tribution, by Chang Chin, 8 pp.

CHINESE, np, Ta Kung Pao, 25 Dec 1959, p 3.

JPRS 2821

Significance of Commercial Departments Organ-
izing the People's Economic Livelihood, by
Shih Hsiao-chiang, 6 pp.

CHINESE, np, Ta Kung Pao, 12 Jan 1960, p 3.

JPRS 3445

Superiority of the People's Communes From the
Financial Standpoint, by Wu Tien-hsi, I Ming-
shen, 10 pp.

CHINESE, np, Ta Kung Pao, 14 Jan 1960, p 3.

JPRS 2821

Discussion of Commercial Support of Agricul-
ture, by Hua Ku-hsiu, 5 pp.

CHINESE, np, Ta Kung Pao, 11 Feb 1960, p 3.

JPRS 3445

Mass Economic Auditing Movement in State-
Operated Enterprises, 29 pp.

CHINESE, np, Ta Kung Pao, 17 Feb 1960, pp 2,
3.

JPRS 2781

Promote Mass Movements, Strengthen Enterprise
Finance and Support a Substained Leap Forward
in Production, by Chin Ming, 15 pp.

CHINESE, np, Ta Kung Pao, 13 Mar 1960, p 3.

JPRS 5079

Far East
Economic (Contd)

- T'ang Hsien Creates Rapid Wool Collection Method, 4 pp.
CHINESE, np, Ta Kung Pao, 22 May 1960, p 2. JPRS 2974
- Release of Non-Compensatory Investments in Support of Agricultural Production, 4 pp.
CHINESE, np, Ta Kung Pao, 22 May 1960, p 2. JPRS 2974
- Hopch Arranges for Tax Collection, and Purchase and Distribution of Summer Grain, 5 pp.
CHINESE, np, Ta Kung Pao, 23 May 1960, p 1. JPRS 2971
- Develop the Quality of Paper With Ideological Leadership, 6 pp.
CHINESE, np, Ta Kung Pao, 23 May 1960, p 3. JPRS 2971
- Enforce the Investment-by-Contract Method and Develop Mass Movement for Accelerated Development of Capital Construction, by Chin Ming, 23 pp.
CHINESE, per, Ts'ai Cheng, No 5, 1960, pp 1-10. JPRS 2984
- Investment-by-Contract Is an Effective Measure for Carrying Out the General Line in Capital Construction, by Wang Hsueh-ming, 14 pp.
CHINESE, per, Ts'ai Cheng, No 5, 1960, pp 11-16. JPRS 2984
- Strive for a Better and More Comprehensive Leap Forward in 1960, by Teng Ch'en-hsi, 31 pp.
CHINESE, np, Tsingtao Jih-pao, 22 Jan 1960, pp 2, 4. JPRS 2894
- Methods of Calculation for the Ore Dressing Indicators With Regard to Ferrous and Non-Ferrous Metals, 3 pp.
CHINESE, per, Yen-chin Pao, No 32, 1959, pp 38, 39. JPRS 3444
- Carry Out Basic Construction of the Metallurgical Industry at a Rapid Pace, 5 pp.
CHINESE, per, Yeh-chin Pao, No 41, 1959, pp 3-6. JPRS 3444

Far East
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~~Ensure the Early Operation of the More Than~~
200 Projects by Raising Work Enthusiasm, 3 pp.
CHINESE, per, Yeh-chin Pao, No 41, 1959,
pp 8-10.

JPRS 3444

Terms of Contests Among Metallurgical Industry
Construction Units, 5 pp.
CHINESE, per, Yeh-chin Pao, No 41, 1959,
pp 10-13.

JPRS 3444

Mobilization of the Mines for Big Contests,
3 pp.
CHINESE, per, Yeh-chin Pao, No 41, 1959,
pp 40-42.

JPRS 3444

Rational Technical Improvements on Simple
Coke Ovens, 4 pp.
CHINESE, per, Yeh-chin Pao, No 42, 1959,
pp 40-42.

JPRS 3444

Leap Forward in Electric Furnace Production,
3 pp.
CHINESE, per, Yeh-chin Pao, No 45, 1959,
pp 58-60.

JPRS 3444

Far East
Economic (Contd)

**Improve Mill Recovery and Raise Concentrate
Quality, 4 pp.**

CHINESE, per, Yeh-chin Pao, No 45, 13 Oct
1959, pp 60-62.

JPRS 3444

**Do Well in Small Aluminum Plants to Accelerate
the Development of the Aluminum Industry,
3 pp.**

CHINESE, per, Yeh-chin Pao, No 46, 20 Nov 1959,
pp 28-31.

JPRS 3444

Greatly Reduce Aluminum Ingot Production, 4 pp.
CHINESE, per, Yeh-chin Pao, No 46, 20 Nov 1959,
pp 31, 38, 39.

JPRS 3444

**Principal Measures Taken in Attaining High
Production, Good Quality, Low Consumption,
and Long Life in Small Aluminum Plant Opera-
tions, 5 pp.**

CHINESE, per, Yeh-chin Pao, No 46, 20 Nov 1959,
pp 35-38.

JPRS 3444

Native Method Copper Ore Beneficiation, 3 pp.

CHINESE, per, Yu-se Chin-shu, No 9, Peiping,
10 May 1959, pp 18-26.

JPRS 3515

**Ore Dressing in the Nonferrous Metal Industry
During the Leap Forward, 4 pp.**

CHINESE, per, Yu-se Chin-shu, No 10, Peiping,
31 May 1959, pp 18, 19.

JPRS 3515

**Comparison Between 5,000-Ampere Continuous
Anode Type of Aluminum Electrolysis Cells With
the Ordinary Non-Continuous Type, by Han T'ien-yu,
Sung Wei, Li Pao-hai, 3 pp.**

CHINESE, per, Yu-se Chin-shu, No 10, Peiping,
31 May 1959, pp 19-21.

JPRS 3515

**Use of Reverse Blowing Furnace for Smelting
Copper-Iron Alloys, 3 pp.**

CHINESE, per, Yu-se Chin-shu, No 12, Peiping,
18 Jun 1959, p 24.

JPRS 3515

Far East
Economic (Contd)

Shipbuilding Activity in China. 4 pp.
FRENCH, per, Journal de la Marine
Marchande, No 2096, 18 Feb 1960, 360 pp.

Navy Tr 2577/ONI 750

Draft for Two Bridges in the Peoples
Republic of Korea, by Rolf Naesser, (DC-4171).
GERMAN, per, Bauplanung - Bautechnik, Vol X,
No 7, 1956, pp 280-286.

*JPRS

Budget of the Republic of Indonesia for 1960,
(NY-4506).
INDONESIAN, np, Siaran Pemerintah, Vol V,
No 32, 23 Apr 1960, p 3.

*JPRS

Translations From Economic News, (NY-4501).
INDONESIAN, per, Warta Ekonomi, Vol XIII,
No 7/8, 9/10, 1960, pp 98-103, pp 179-188.

*JPRS

Outline of Fourth Research Center.
JAPANESE, bk, Dai Yon Kenkyu Jo [Gaiyo], publ
by the Japan Defense Agency, Tech Res Hq,
May 1959, 40 pp.

USACRAPAC, PD
101321

People's Communes and Water Conservancy in
Communist China, by Asakawa Kenji, (NY-4540).
JAPANESE, per, Ajia Keizai Jumbo, No 433,
1960, pp 4-10.

*JPRS

Urban Peoples Communes in Communist China.
JAPANESE, per, Tairiku Mondai, Jun 1960, pp 47-53.

USACRAPAC, PD
101985

Basic Plan of JNR for Fiscal 1960.
JAPANESE, per, Tetsudo Sharyo Shiryo Geppo,
Apr 1960, pp 1-3.

USACRAPAC, PD
101982

Improvement Plan of JNR for Fiscal 1960.
JAPANESE, per, Tetsudo Sharyo Shiryo Geppo,
Apr 1960, pp 4, 5.

USACRAPAC, PD
101982

Rolling Stock Export Goal for Fiscal 1960.
JAPANESE, per, Tetsudo Sharyo Shiryo Geppo,
Apr 1960, pp 15.

USACRAPAC, PD
101982

Far East
Economic (Contd)

**Research on Advancing Rolling Stock
Techniques.**

JAPANESE, per, Tetsudo Sharyo Shiryo Geppo,
Apr 1960, pp 16, 17.

USACRAPAC, PD
101982

Let Us Decisively Improve the Work of the
County Party Committee to Fit the New
Environment - The Kangso-Gun Party Committee
Plenary Meeting Held Under the Direction of
Kim Il-Song, 40 pp.

KOREAN, np, Nodong Sinmun, P'yongyang, 21 Feb
1960, pp 2, 3.

JPRS 2870

Role of the Workday in Strengthening Agricul-
tural Collectives Along the Lines of Industrial
Organization, by Sh. Sharabjalsan, 4 pp.

MONGOLIAN, monograph, Oyuutan Nariin Erdem
Shinjilgeenii Ajliin Enhtgel, 1957, pp 45-51.

JPRS 3454

Problems of Agricultural Collectives in the
People's Republic of Mongolia, by Sh. Bat
Ochip. 17 pp.

MONGOLIAN, monograph, Tuuh-Ediin Dzasag, 1957,
pp 187-205.

JPRS 3454

Continuously Pushing Ahead the Implementa-
tion of the Labor Code, (DC-4190).

VIETNAMESE, np, Lao Dong, No 756, 7 Jun 1960,
pp 1-4.

*JPRS

Continuously Pushing Ahead the Implementation
of the Labor Code, (DC-4190).

VIETNAMESE, np, Lao Dong, No 757, 9 Jun 1960,
pp 1-4.

*JPRS

Rapid, Good, and Systematic Achievement of the
Wage Policy, (DC-4190).

VIETNAMESE, np, Lao Dong, No 757, 9 Jun 1960,
pp 1-4.

*JPRS

Production and Living Standard in North Vietnam,
by Nguyen Van Tao, 6 pp.

VIETNAMESE, np, Thoi Moi, No 2282, 1 May 1960,
pp 1, 2.

JPRS 5070

Far East
Economic (Contd)

Notes on Trade in Communist China, by S. A. Selivankin, 48 pp.

RUSSIAN, monograph, Zametki o Torgovle v Kitaye, 1959, pp 1-52, 58-70.

JPRS 3524

Railroad Transport of the Chinese People's Republic, by A. I. Il'yin, M. P. Voronichev, 151 pp.

RUSSIAN, bk, Zheleznodorozhnyy Transport Kitayskoy Narodnoy Respubliki, 1959, pp 1-163.

JPRS 3481

Far East
Political

The Penetration of Latin America by the Chinese Communists, by Ming Chen-hua, 24 pp.
CHINESE, bk, Chung-king Tai La-ting Mei-chou ti Ch'en-t'ou, 1959, pp 1-50.

JPRS 3498

Rectification and Reform, by Wu Chiang, (NY-4448).
CHINESE, per, Che-Hsueh Yen-chiu, 1960, pp 45-62.

*JPRS

Protest Indonesian Anti-Chinese Activities, Welcome All Overseas Chinese Wanting to Return to Participate in Construction, 4 pp.
CHINESE, per, Ch'iao-wu Pao, No 12, Peiping, 1959, pp 7, 8, 14.

JPRS 3453

Raise the Banner of the Thought of Mao Tse-tung, Be a Good "Vanguard" and a Good "Signal-Man," by Yeh Chin-ming, 5 pp.
CHINESE, np, Chieh-fang Jih-pao, 29 April 1960, Shanghai, p 3.

JPRS 5044

Persist in the System of Participation of Cadres in Labor, 15 pp.
CHINESE, np, Chieh-fang Jih-pao, 29 April 1960, Shanghai, p 6.

JPRS 5044

Chiao-t'ung University Realizes Great Leap Forward and Great Bumper Harvest, 9 pp.
CHINESE, np, Chieh-fang Jih-pao, 24 May 1960, Shanghai, p 1.

JPRS 5044

How to Correctly Understand Socialism, by Ching I-Ching, 7 pp.
CHINESE, per, Chung-kuo Ch'ing-nien, No 4, 16 Feb 1960, pp 9-11.

JPRS 3503

Struggle for the Thorough Emancipation of Women, 6 pp.
CHINESE, per, Chung-kuo Ch'ing-nien, No 5, 1960, pp 2, 3.

JPRS 2954

Intensify the Education on Current Trends Among the Youth, 4 pp.
CHINESE, per, Chung-kuo Ch'ing-nien, No 5, 1960, pp 3, 4.

JPRS 2954

Far East
Political (Contd)

We Want Incessant Revolution and Advancement, by Chang Hsiang-shan, 14 pp.
CHINESE, per, Chung-kuo Ch'ing-nien, No 6,
Peiping, 16 Mar 1960, pp 21-24.

JPRS 2954

Study Chairman Mao's Dialogue On Questions of Democracy in Colonial and Semi-Colonial Countries, by Chang Hsiang-shan, (DC-4101).
CHINESE, per, Chung-kuo Ching-nien, No 9, 1960, pp 9-12.

*JPRS

Psychological Disposition Necessary for the Study of Flying, by Lin Chung-hsien, 11 pp.
CHINESE, per, Hang-k'ung Chih-shih, No 3, Peiping, 8 Mar 1960, pp 24, 25.

JPRS 2973

An Essay on the Social Background of the Appearance of Buddhism and Some Characteristics of Buddha's Thoughts, (NY-4480).
CHINESE, per, Hsien-tai Fo-hsueh, No 3, 1960, pp 25-30.

*JPRS

The Great Splendors of Mao Tse-tung's Ideology, by Hu Hsi-k'uei, 30 pp.
CHINESE, per, Hsin Chien-she, No 3, 1960, pp 1-11.

JPRS 2954

A Brief Discussion of the Great Significance of Production, Distribution, and Use of National Income in Socialist Economy, by Yang Chien-pai, 18 pp.
CHINESE, per, Hsin Chien-she, No 3, 1960, pp 12-18.

JPRS 2954

Refute the Humanitarianism of Human Nature, (NY-4478).
CHINESE, per, Hsin Chien-she, No 4, 1960, pp 15-23.

*JPRS

Criticizing the Neo-Malthusian Theory, by Wu Ta-hun, (NY-4449).
CHINESE, per, Hsin Chien-she, No 5, 1960, Peiping, pp 14-19.

*JPRS

Significant National-International Developments During 1-15 March 1960, 16 pp.
CHINESE, per, Hsin-hua Pan-yueh-k'an, No 6, 27 Mar 1960, pp 60, 183-185.

JPRS 3520

Far East
Political (Contd)

Domestic and Foreign Developments 1-15 April 1960, (DC-3503/21).

CHINESE, per, Hsin-hua Pan-yueh-k'an, No 9, 27 Apr 1960.

*JPRS

Domestic and Foreign Developments 16-30 April 1960, (DC-3503/22).

CHINESE, per, Hsin-hua Pan-yueh-k'an, No 9, 12 May 1960.

*JPRS

A Few Experiences of Newspaper Work Since the Great Leap Forward, by Wang Mo, 11 pp. CHINESE, per, Hsin-wen Chan-hsien, No 18, 24 Sep 1959, Peiping, pp 1-6.

JPRS 3548

China's Broadcast Affairs During the Great Leap Forward, by Chou Hsin-wu, 3 pp.

CHINESE, per, Hsin-wen Chan-hsien, No 18, 24 Sep 1959, Peiping, pp 5, 6.

JPRS 3548

Ten Years of the Shansi Jih-pao, by I Chih, Wen Kang, 20 pp.

CHINESE, per, Hsin-wen Chan-hsien, No 18, 24 Sep 1959, Peiping, pp 7-12.

JPRS 3548

Study of the Problem of Improving the Style of Broadcasts, by Yang Chao-lin, 7 pp.

CHINESE, per, Hsin-wen Chan-hsien, No 20, 24 Oct 1959, Peiping, pp 22-24.

JPRS 3548

The Peiping Broadcast Institute, A New Base for the Training of Broadcast Cadre, by Yang I, 4 pp.

CHINESE, per, Hsin-wen Chan-hsien, No 21, 9 Nov 1959, Peiping, pp 28, 29.

JPRS 3548

On the Talks Comrade Mao Tse-tung Held With Asian, African and Latin American Personalities in the First Half of May 1960, (DC-3502/21).

CHINESE, per, Hung-ch'i, No 10, 16 May 1960, pp 1-3.

*JPRS

Far East
Political (Contd)

New Trends in the Technological Revolution,
by Fo I-pao, (DC-3502/21).
CHINESE, per, Hung-ch'i, No 10, 16 May 1960,
pp 8-17.

*JPRS

Greatly Promote the Militia, Build Up the
Homeland, Safeguard the Homeland, by Lo Jui-ch'ing,
(DC-3502/21).
CHINESE, per, Hung-ch'i, No 10, 16 May 1960,
pp 18-22.

*JPRS

Several Problems in Trade and Financial Work
Under the New Trends, by Ma Ming-fang, (DC-3502/21).
CHINESE, per, Hung-ch'i, No 10, 16 May 1960,
pp 23-30.

*JPRS

The Mass Movement in Trade and Financial Work, by
Yang I-ch'en, (DC-3502/21).
CHINESE, per, Hung-ch'i, No 10, 16 May 1960,
pp 31-36.

*JPRS

The Growth in Agricultural Middle School
Instruction, by Ch'en Kuang, (DC-3502/21).
CHINESE, per, Hung-ch'i, No 10, 16 May 1960,
pp 37-41.

*JPRS

In the End the Victory Will Belong to the
Japanese People, (DC-3502/22).
CHINESE, per, Hung-ch'i, No 11, 1 Jun 1960,
pp 1-3.

*JPRS

The Problem of the Oneness of Thought and
Existence, by Wang Jo-shui, (DC-3502/22).
CHINESE, per, Hung-ch'i, No 11, 1 Jun 1960,
pp 16-29.

*JPRS

Far East
Political (Contd)

Lenin's Theory on Peace and War, by Hu
Hsi-huei, 18 pp.
CHINESE, np, Jen-min Jih-pao, 25 Apr 1960,
p 7.

JPRS 3369

Investigation Report on New Management of
Pu-chen Rolling Stock Plant in Nanking,
5 pp.
CHINESE, np, Jen-min Jih-pao, 29 May 1960,
Peiping, p 7.

JPRS 5044

On the Question of the Party Press, by Tseng
Hsi-ching, 11 pp.
CHINESE, np, Jen-min Jih-pao, 16 Jun 1960,
p 7.

JPRS 3518

Experience in Conserving Materials in
Electric Furnace, by Wang Hsiu-ch'ieh,
(NY-4520).
CHINESE, per, Kang-tieh, No 7, 12 Apr
1960, pp 377, 378, 388, 392, 393, 410-416,
427, 435, 436.

*JPRS

The Struggle for the Basic Reform on the
Curriculum of the Department of Medicine,
Shanghai First Medical College, 12 pp.
CHINESE, np, Kuang-ming Jih-pao, 29 May
1960, Peiping, p 2.

JPRS 5044

Far East
Political (Contd)

The Great Alliance of Two Great Socialist States, by Kuo Chi-ch'u, 9 pp.

CHINESE, per, Kuo-chi Wen-t'i Yen-chiu, No 2, 3 Feb 1960, pp 1-7.

JPRS 3453

Oppose the Japanese-American Military Alliance, by Li Hsuan, 8 pp.

CHINESE, per, Kuo-chi Wen-t'i Yen-chiu, No 2, 3 Feb 1960, pp 8-13.

JPRS 3453

The Characteristics of the Capitalist World Economy in 1959, by Shih Chiang-chu, 14 pp.

CHINESE, per, Kuo-chi Wen-t'i Yen-chiu, No 2, 3 Feb 1960, pp 21-31.

JPRS 3453

A Criticism of the Theories of Capitalist International Law on International Entities and the Recognition of States, by K'ung Meng, 13 pp.

CHINESE, per, Kuo-chi Wen-t'i Yen-chiu, No 2, Peiping, 3 Feb 1960, pp 44-53.

JPRS 3453

Expose American Imperialists' Peace Pretensions, by Mei Hao-shih, 13 pp.

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

JPRS 2916

American Imperialism Is the Supporter of German Militarism, by Kuo Ch'ao-ho, 11 pp.

CHINESE, per, Kuo-chi Wen-t'i Yen-chiu, No 3, Peiping, 3 Mar 1960, pp 9-15.

JPRS 2916

Criticism of Capitalist International Law in Regard to Theories on State Sovereignty, by Ying T'ao, 11 pp.

CHINESE, per, Kuo-chi Wen-t'i Yen-chiu, No 3, Peiping, 3 Mar 1960, pp 47-52.

JPRS 2916

Positive Reforms of Old Marriage Customs and Practices, by Yeh Ku-lin, (NY-4517).

CHINESE, per, Min-tsu T'uan-chieh, No 2, 6 Feb 1960, pp 12-15.

*JPRS

Far East
Political (Contd)

On Current US Foreign Policy, by Tsui Ch'i,
T'an Wen-jur, 19 pp.

CHINESE, per, Shih-chieh Chih-shih, No 6,
1960, pp 4-12.

JPRS 2954

The Defeat of American Policy Towards
South East Asia and the New Conspiracies
Involved in that Policy, (NY-4502).
CHINESE, per, Shih-chieh Chih-shih, No 10,
20 May 1960, pp 24-29.

*JPRS

The Development of the Campaign for
People's Operated Electricity in Honan,
(NY-4450).

CHINESE, per, Shui-li Yu Tien-li, No 9,
1960, pp 3-7.

*JPRS

Our Radical Divergence From the Right
Opportunists, by Yu Yung-chih, (NY-4449).

CHINESE, per, Ssu-chuan Ta Hsueh Hsueh-
pao, No 6, Mar 1960, pp 35-44.

*JPRS

A Criticism of Pa Jen's Human Feelings
Theory, (NY-4478).

CHINESE, per, Wen-i Pao, No 2, 1960,
pp 31-41.

*JPRS

Development of the Indonesian Textile
Industry, (NY-4516).

INDONESIAN, rpt, Siaran Pemerintah, Vol V,
No 14, 17 Feb 1960, pp 1, 3, 4.

*JPRS

Press Reports on the Visit of HMS Karel
Doorman to West Irian and the Dutch
Military Reenforcement in West Irian,
8 pp.

INDONESIAN, np, Djakarta, 5-18 May 1960.

Navy/ONI 5094856

Land Reform in Indonesia, (DC-4170).

INDONESIAN, per, Berita Ekonomi, Vol VIII,
No 76, 1960, pp 7, 8, 10-12, 14, 16-18,
20-23, 25.

*JPRS

Far East
Political (Contd)

Guided Economy and Socialism a la
Indonesia in the Economic Development
of Indonesia, by Doctoral Candidate
Juljatno, (DC-4170).
INDONESIAN, per, Berita Ekonomi, Vol VIII,
No 76, 1960, pp 28,29,46.

*JPRS

Inflation Government Policy and the
Development of Socialism in Indonesia,
by Dr. Mcammad Sadli, (DC-4170).
INDONESIAN, per, Berita Ekonomi,
Vol VIII, No 76, 1960, pp 30, 46.

*JPRS

Njoto and His Comrades Arrive.
INDONESIAN, np, Harian Rakjat, 5 Nov
1959, p 1.

JPRS 3472

Develop the Active Role of the Masses
Fully Under the Guidance of Marxism
Leninism, by Tjoo Tik-tjoen, (NY-4522).
INDONESIAN, np, Harian Rakjat, 7 Jun
1960.

*JPRS

New Forms of Defense of Foreign Capital
Investment, Parts I and II, by Sakirman,
(DC-4162).
INDONESIAN, np, Harian Rakjat, 9, 10 Jun
1960, p 4.

*JPRS

Hot Money in Indonesia and Its Causes
[Hot Money Is Hoarded Money for Tax
Evasion Purposes and Used by Speculators
in Operations Which Disturb the Economy],
by R. J. Kaptin Adisumarta, (NY-4507).
INDONESIAN, per, Indonesia, Vol X, No 12,
1959, pp 537-551.

*JPRS

The Study of Warfare in Indonesia, by
T. B. Simatupang, (NY-4507).
INDONESIAN, per, Indonesia, Vol X, No 12,
1959, pp 552-572.

*JPRS

Service to the People, Voluntary Labor,
(NY-4494).
INDONESIAN, per, Kehidupan Partai, No 4/5,
Apr/May 1959, pp 55-58.

*JPRS

Far East
Political (Contd)

The Peasant Problem, Valuable Materials
From the Villages, (NY-4494).

INDONESIAN, per, Kehidupan Partai, No 4/5,
Apr/May 1959, pp 58-61.

*JPRS

Organization, Prevent Bureaucracy in the
Party, (NY-4494).

INDONESIAN, per, Kehidupan Partai, No 6/7/8,
Jun/Jul/Aug 1959, pp 115-119.

*JPRS

Organization - How to Expand the Number of
Contributors to the Party, by L. Darman
Tambunan, (NY-4494).

INDONESIAN, per, Kehidupan Partai, No 1/2,
Jan/Feb 1960, pp 9-13.

*JPRS

Small Rural Industries in Indonesia, (DC-
4132).

INDONESIAN, per, Siasat, Vol XIV, No 672,
1960, pp 3-5, 30.

*JPRS

Communist China's Defense Advances on Two
Legs, by Iwamura Michio, (NY-4565).

JAPANESE, per, Ajia Keizai Jumbo, No 432,
1960, pp 1-7.

*JPRS

Some Characteristics of Technical Reform
Movement in Communist China, by Ozaki
Shotaro, (NY-4473).

JAPANESE, per, Ajia Keizai Jumbo, No 434,
1960, pp 1-8.

*JPRS

Japanese Analysis of Economic Growth of
Communist China, by Doi Akira, (NY-4473).

JAPANESE, per, Ekafue Tsushin, No 229,
1960, pp 1-30.

*JPRS

What Change Will Communist China's Foreign
Policy Undergo?

JAPANESE, per, Tairiku Mondai, Jun 1960,
pp 54-60.

USACRAPAC, PD
101985

Chinese Data -- Second Session of Second
National People's Congress of Communist
China.

JAPANESE, per, Tairiku Mondai, Jun 1960,
pp 77-80.

USACRAPAC, PD
101985

Far East
Political (Contd)

NKA Infantry Weapons Marksmanship, 183 pp.
KOREAN, rpt, Supplement: Enemy Documents,
Issue 55, 13 May 1960.

USACRAPAC, PD
207976

Correctness of Party Economic Policy for
Local Industrial Development, by Kim Hong-il,
9 pp.
KOREAN, per, Inmin Kyoyuk, No 11, 1959, pp 16-19.

JPRS 2917

Struggle of Provincial Party Organs in the
Development of Local Industry, by Ho Hak-song,
14 pp.
KOREAN, per, Tang Kanbudulege Chunun Ch'amgo
Charyo, No 10, 1959, pp 18-23.

JPRS 2917

Problems in Connection With Party Work in
Villages, by Kim Sok-cho, 19 pp.
KOREAN, per, Tang Kanbudulege Chunun Ch'amgo
Charyo, No 10, 1959, pp 29-36.

JPRS 2917

Implementation of the Agricultural Policy of
the Party, by Chong Nyong-taek, 9 pp.
KOREAN, per, Tang Kanbudulege Chunun Ch'amgo
Charyo, No 11, 1959, pp 6-9.

JPRS 2917

Implementation of Education Policy of the
Party for Coordinating Education and Pro-
ductive Labor, by Ham Nam-son, 11 pp.
KOREAN, per, Tang Kanbudulege Chunun Ch'amgo
Charyo, No 11, 1959, pp 14-18.

JPRS 2917

Municipal Party Organization's Guidance of
Cadres in Their Party Life, by Yi Sang-pil,
15 pp.
KOREAN, per, Tang Kanbudulege Chunun Ch'amgo
Charyo, No 12, 1959, pp 7-13.

JPRS 2917

On the Orientation and Training of Party
Members for Unconditional Implementation of
Party Decisions and Directives, by Lim Chong-ju,
9 pp.
KOREAN, per, Tang Kanbudulege Chunun Ch'amgo
Charyo, No 12, 1959, pp 13-17.

JPRS 2917

Far East
Political (Contd)

Guidance for Enhancing the Independent
Role of the Primary Party Organizations,
by Chang Kil-jun, 12 pp.

KOREAN, per, Tang Kanbudulege Chunun
Ch'amgo Charyo, No 12, 1959, pp 17-21.

JPRS 2917

Autonomy of Local Nationalities in the
Chinese People's Republic, by K. F. Kotov,
149 pp.

RUSSIAN, bk, Mestnaya Natsional'naya Avtonomiya v
Kitayskoy Narodnoy Respublike, 1959, pp 1-196.

JPRS 3547

North Vietnam Government Report on 1960 State
Plan Before National Assembly, by Nguyen Duy
Trinh, 28 pp.

VIETNAMESE, np, Nhan Dan, Hanoi, 12, 13 Apr 1960,
p 3.

JPRS 3465

The Brick Courtyard and Its Main Character,
by Phan Nhan, (DC-4191).

VIETNAMESE, per, Nghien Cuu Van Noc. No 4,
1960, pp 14-23, 51.

*JPRS

Report on the Activities of North Vietnam
State Science Commission During 1959,
(NY-4484).

VIETNAMESE, per, Tin Tuc Hoat Dong Khoa Hoc,
No 4, 1960, pp 42-58.

*JPRS

Far East
Military

Military Bases in Japan and German Intimidate World Peace, by Chung Hsin-Chi'ing, (DC-3502/22).

CHINESE, per, Hung Chi, No 11, 1 Jun 1960, pp 8-15.

*JPRS

Outline of Ground Self Defense Forces. JAPANESE, bk, Rijujo Jieitai No Gaiyo, publ by the Ground Staff Office, 23 Mar 1960, 45 pp.

USACRPAFAC, PD
101964

Freedom Road to Panmunjom, by Tongjun Lee, 9 pp.

KOREAN, rpt, Cha-yu a Kil Panmunjom, 1959.

319th MI Bn, H-5409
ID 2144877

Development of the Civil Air Fleet, Peoples Republic of China, by V. Kurakin, V. Shlyakov, 4 pp.

RUSSIAN, per, Grazhdanskaya Aviatsiya, No 10, 1959, pp 4, 5.

JPRS 3381

Sociological

Present Trends and the Problem of Communist Education, by Chou Yang, 15 pp.

CHINESE, per, Chung-kuo Ch'ing-nien, No 4, 16 Feb 1960, p 2.

JPRS 3503

Population Problems, (NY-4449).

CHINESE, per, Hsin Chien-she, Peiping, May 1960, pp 1-13.

*JPRS

Several Stories on Mao Tse-tung When He Was Young, by Chou Shih-chao, Chih Chien, (SF-1005).

CHINESE, per, Hunan Wen Hsueh, No 2, 3, 4, 1959, pp 46-48, 7-9, 42-43.

*JPRS

Raise the Banner of Mao Tse-Tung Ideology to Arouse Women in the Struggle to Realize a Continued Leap Forward in 1960, 13 pp. CHINESE, np, Jen-min Jih-pao, 25 Feb 1960, p 4.

JPRS 3358

Far East
Sociological (Contd)

The Mass Movement Under the Guidance of
Mao Tse-Tung Ideology, by Li Fu-ch'un,
4 pp.
CHINESE, np, Jen-min Jih-pao, 28 Feb
1960, p 2.

JPRS 3358

The Combination of Education With
Productive Labor is the One Correct
Road to the Development of the
New Man, by Hsu Shou-hsuan, 20 pp.
CHINESE, np, Jen-min Jih-pao, 12 Apr
1960, p 13.

JPRS 2775

The Role of Tutors, by Chou Kuang-yu,
(DC-4164).
CHINESE, per, K'o-hsueh T'ung-pao,
No 7, 11 Apr 1960, pp 208-211.

*JPRS

Extensive Correspondence Education Trains
Engineering Cadres, 3 pp.
CHINESE, np, Kuang-ming Jih-pao, 5 Jan
1960, Peiping, p 1.

JPRS 3416

Psychological Research Must Leap Forward,
by Shang Shan-yu, 6 pp.
CHINESE, np, Kuang-ming Jih-pao, 17 Jan
1960, Peiping, p 2.

JPRS 3416

Ten Years of Achievements in Solving
China's Race Problems, by Chang Hsin-min,
14 pp.
CHINESE, per, Li-shih Yen-chiu, No 1, 2,
1960, pp 29-40.

JPRS 3503

Correctly Understand the Law of Class
Struggle in the Transitional Period and
Take an Active Part in This Struggle,
Refuting "The Theory of the Gradual
Relaxation of Class Struggle," by Liang
Te-man, (NY-4449).
CHINESE, per, Ssu-chuan Ta Hsueh Hsueh-pao,
No 6, Mar 1960, pp 23-34.

*JPRS

Far East
Sociological (Contd)

Stress Vigorously Financial Work in
Urban People's Communes, 6 pp.
CHINESE, np, Ta Kung Pao, 6 Jan 1960,
p 2.

JPRS 2972

Korean Technical Higher Education,
by Ferenc Dobo, (DC-4178).
HUNGARIAN, per, Felsoktatási Szemle,
1960, pp 345-348.

*JPRS

Fifteen Years of the Mongolian State
University, 4 pp.
MONGOLIAN, per, Erdem Shinjilgeenii
Bichig, Vol IV, No 2 (10), Ulan Bator,
1957, pp 3-6.

JPRS 3302

Overseas Chinese in Southeast Asia -
A Russian Study, by N. A. Simoniya,
160 pp.
RUSSIAN bk, Naseleniye Kitsyskoy Natsional'-
nosti V. Stranakh Yugo-Vostochnoy Azii,
5 Aug 1959, pp 1-174.

JPRS 3442

WESTERN EUROPE

Economic

Underground Gasification of Coal.
DUTCH, per, Boortoren en Schachtwiel,
Vol V, No 2, 1960, pp 25-29. (Call
No TN4 B72, Eng. Tr.)

AMS

Flood Tide Control Holland Ijssel I,
II, III, IV, V.
DUTCH, per, Publikatie van het Ministerie
van Verkeer en Waterstaat, The Hague,
1956, 1957, 1958, pp 1-3, 1-3, 1-3, 1-3,
1-2. (Call No EIF 351903, Eng. Tr.)

AMS

European Economic Community. European
Atomic Energy Community Council Meeting,
10-11 May 1960, 11 pp.
FRENCH, rpt, Encl to ECBUS D-347, US
Mission to the European Communities,
Brussels, 13 May 1960.

Dept of State
4306706

Third General Report on the Activities
of the European Economic Community,
13 pp.
FRENCH, rpt, Encl to ECBUS D-393,
US Mission to the European Communities,
15 Jun 1960.

Dept of State
4441855

Double Standard for Wage Policy, by
Ernst Gunter Vetter, 6 pp.
GERMAN, np, Frankfurter Allgemeine
Zeitung, 14 May 1960, Encl to Desp
No 1851, AmEmbassy, Bonn, 18 May 1960.

Dept of State

The Development of the Scrap Market
in the European Steel Community, by
W. A. Gueldner.
GERMAN, per, Stahl und Eisen, 21 Jan
1960, pp 90-101.

*BISI 1745

Spain Adopts New Customs Law, 7 pp.
SPANISH, rpt, Encl to Desp No 768, Am-
Embassy, Madrid, 3 May 1960.

Dept of State
4437360

Production of Petroleum Products for the
Fourth Quarter of 1959, Spain and the
Canary Islands, 7 pp.
SPANISH, rpt, Encl 1-4 Desp No 804, Am-
Embassy, Madrid, 19 May 1960.

Dept of State
4439143

Western Europe
Political

Not American and Not Prussian -- The Country Wants a Luxemburgian Army Reform, by D. Urbany, (DC-3801/13).
GERMAN, np, Zeitung, 20, 21 24 May 1960, pp 3-5.

*JPRS

The Truth About Alto Adige, by Giorgio Almirante, Andrea Mitolo, et al.
ITALIAN, brochure, La Verita Sull' Alto Adige, Rome, 1959, pp 17-56.

JPRS 3550

Military

Signal System in Use by the Royal Netherlands Army, 6 pp.
DUTCH, per, De Militaire Spectator, Nov 1959, p 435.

ID 2138753

Special Transportation Units; Transportation School, 89 pp.
FRENCH, bk, Les Transports Militaires, Chap 3, 4,

ACSI H-6409

Weekly Official News Bulletin (Principal Items of Interest About the French Navy During the Period Ending 12 April 1960), 5 pp.
FRENCH, per, Bulletin d'Information de la Marine Nationale, No 15, Paris, 12 Apr 1960.

Navy/ONI 5092857

NCO's Handbook for Protective Training, 50 pp.
GERMAN, hdbk, pp 88-108, 143-149, 161-165, 172-175, 184-193.

ACSI H-6347

Sociological

Bylaws of the Iranian Students Society in Munich, 5 pp.
GERMAN, unidentified source.

JPRS 3170

Parachutists in France, by Gunther Schmitt, 4 pp.
GERMAN, per, Aero-Sport, No 3, Mar 1960.

525th MI Gp H-6518
ID 2144840

LATIN AMERICA

Economic

Agrarian Land Reform (Chile), 27 pp.
SPANISH, rpt, Encl to Desp No 863, Am-
Embassy, Santiago, 15 Jun 1960.

Dept of State
4604210

Comments on the Purchase of American
and Foreign Power Subsidiaries in Mexico
and Other Topics Concerning the Electric
Power Industry, by Ing Manuel Moreno
Torres, 9 pp.
SPANISH, rpt, Encl to Desp No 1376, Am-
Embassy, Mexico, 18 May 1960.

Dept of State
4439120

Political

Cuba in the Struggle for Freedom and
Independence, by K. M. Obyden, 13 pp.
RUSSIAN, bk, Kuba v Bor'bye za Svobodu
i Nezavisimost', 1959, pp 80-90.

JPRS 3563

Nuclear Energy and the Law, Lecture by
Lic. Salvador Cardona, 17 pp.
SPANISH, rpt, Encl to Desp No 1307, Am-
Embassy, Mexico, 3 May 1960.

Dept of State
4437438

Military

Budget of the Sub-Secretariat of the
Chilean Navy, 23 pp.
SPANISH, rpt, 4 May 1960.

Navy/ONI 5093958

Law and Regulations Concerning Military
Decorations and Insignia.
SPANISH, bk, Ley y Reglamento de Conde-
coraciones y Distintivos Militares (RGE
1-2).

ACSI H-5291 A
ID 2121265

Army Uniform Regulations, 38 pp.
SPANISH, bk, Reglamento de Uniformes del
Ejercito (RGE 1-3).

ACSI H-5291 B
ID 2121265

Latin America
Sociological

A Trip to Latin America, by Liu Chang-sheng,
6 pp.

CHINESE, per, Shih-chieh Chih-shih, No 4,
20 Feb 1960, pp 23-25.

JPRS 3503

Chorological Breakdown of the Nicaragua
Population, by R. Perpina Grau.

SPANISH, per, Escuela Nacional de Economia
y Administracion, Managua, 1956, pp 1-9.
(Call No HB2001.P4, Eng. Tr.)

AMS

WORLD-WIDE

Economic

International [Socialist] Railway Freight
Traffic 1 January 1960 Version of Inter-
national Agreement on Freight Railway
Traffic of 1 November 1951 (Explanatory
Edition), by Viktor Kolloch, 98 pp.

GERMAN, bk, Internationaler Eisenbahn-
Gueterverkehr, 1959, pp 5-246.

JPRS 3258

SCIENTIFIC

Aeronautics

The Aerodynamics of Soaring Bird Flight,
by I. N. Vinogradov.
RUSSIAN, bk, DOSARM, Moscow, 1951.

RAE 846

Breguet 941, 5 pp.
FRENCH, np, L'Air, Dec 1959, 2 pp.

ACSI H-6411

Pressure Distribution on Symmetrical Wing
Sections at Near Sonic Speeds, by J. Rotta.
GERMAN, per, AVA Berichte, No 59/A/36,
Sep 1959.

RAE 876

Aerodynamic Properties of Swept-Back and
Delta Wings Near the Ground, by F. Thomas.
GERMAN, per, Jahresherichte W. G. L., 1958,
pp 53-61.

RAE 882

Scientific
Astronomy

New Data on Cosmic Radiation, by G. B.
Zhdanov, 6 pp.
RUSSIAN, per, Priroda, No 11, 1959, pp
71-74.

USASIA: SC-72b/59

Scientific
Biology

The Belugas Whose Main Food Is Salmon, by
A. G. Tomilin.

RUSSIAN, bk, Animals in Soviet Russian and
Adjacent Countries, Vol IX, Sci Acad Publ
Div, Moscow, 1957.

Fish and Wildlife Serv
Sandpoint Naval Air Sta
Seattle, 15, Wash

Cosmic Biology, by V. Parin, V. Yazdovskiy,
13 pp.

RUSSIAN, encyclopedia, Bol'shaya Meditsinskaya
Entsiklopediya, Vol XIII, No 2, 1959, pp 1176-
1182.

JPRS 5029

Disinfection, Extermination of Insects and Ex-
termination of Rats, by V. I. Vashkov, 285 pp.

RUSSIAN, bk, Desinfektsiya, Desinseksiya i
Deratizatsiya, pp 3-24, 273-676.

ACSI H-0754
ID 2133455

At the All-Union Botanical Society, 16 pp.

RUSSIAN, per, Botan Zhur, Vol XLIV, No 9, 1959,
pp 1364-1371.

JPRS 2948

The Biochemical Evolution of Angiosperms, by
A. V. Blagoveshchenskiy, (NY-4431).

RUSSIAN, per, Botan Zhur, Vol XLV, No 4, 1960,
pp 480-491.

*JPRS

Possible Reproduction of Phenomenon Involving
Paradoxical Sensitivity to Staphylococcus Toxins,
by I. N. Morgunov, V. V. Khatuntsev.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIX,
No 3, 1960, pp 73-76.

*USDA

Tasks of Entomology in the Light of the Deci-
sions of the December Plenum of the CPSU, by
D. M. Shteynberg, Ye. M. Shumakov, (NY-4488).

RUSSIAN, per, Entomolog Obozreniye, Vol XXXIX,
No 2, 1960, pp 275-283.

*JPRS

Report on the Work of the All-Union Entomological
Society Under the Academy of Sciences USSR Dur-
ing 1959, (NY-4488).

RUSSIAN, per, Entomolog Obozreniye, Vol XXXIX,
No 2, 1960, pp 477-479.

*JPRS

Report on the Work of the XIV Congress of the
All-Union Entomological Society Held in Lenin-
grad 26 Jan-1 Feb 1960, (NY-4488).

RUSSIAN, per, Entomolog Obozreniye, Vol XXXIX,
No 2, 1960, pp 479-485.

*JPRS

Scientific
Biology (Contd)

Basic Trends in the Research of the
Laboratory of Electron Microscopy of
the Department of Biological Sciences,
Academy of Sciences USSR, by A. Ye.
Kriss, 15 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol,
No 3, 1959, pp 451-457.

JPRS 2902

Darwin and Certain Problems of Plant Ferti-
lization, by I. Ye. Glushchenko, O. V. Tov-
masyan, 28 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol,
Vol XXV, No 1, 1960, pp 39-51.

JPRS 2816

The Theory of Compensation for Disturbed
Functions, by E. A. Asratyan, 23 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol,
Vol XXV, No 1, 1960, pp 52-62.

JPRS 2817

Modern Problems of Radiobiology, by A. M.
Kuzin.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol,
No 3, 1960, pp 355-363.

*USDA

A Contribution to Mitotic and Non-Mitotic
Cell Division, by L. P. Cheltsova.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol,
No 3, 1960, pp 451-458.

*USDA

Conference on Experimental Production of
Useful Variants of Microorganisms, by Yu. N.
Karasevich.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol,
No 3, 1960, pp 470-472.

*USDA

Conference of the All-Union Microbiological
Society on Organization Problems, by V. A.
Lambina.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol,
No 3, 1960, pp 472, 473.

*USDA

Annual General Assembly of the Biological
Department of the Academy of Sciences of the
USSR.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol,
No 3, 1960, pp 474-478.

*USDA

Scientific
Biology (Contd)

Session on Biological Research in Siberia,
by N. G. Kolomiets, (SF-1018).
RUSSIAN, per, Iz Sibir Otdel Ak Nauk SSSR,
No 4, 1960, pp 132-135.

*JPRS

Measures for Increasing Far Eastern Salmon
Stocks, by K. I. Popov.
RUSSIAN, per, Rybnoye Khoz, Vol XXXIV, No 8,
1958, pp 9, 10.

Fish and Wildlife Serv
Sandpoint Naval Air Sta
Seattle 15, Wash

Aquarial Observations on Feeding of Kamchatka
Crab, by D. N. Logvinovich.
RUSSIAN, per, Rybnogo Khoz i Okeano, Vol XIX,
1945, pp 79-97.

Bu of Commercial Fisheries
Seattle, Wash

On the Migrations and Spawning of the Barents
Sea Capelin in 1953 and 1954, by V. S. Pro-
khorov.
RUSSIAN, per, Trudy Polyarnogo Nauchno-Issled
Inst Morskogo Rybnogo Khoz i Okean, Vol X, 1957,
pp 230-243.

Dept of Interior
SH211, E82, No 208

Development of a Method of Control of Insects -
Pests of Stored Grain, With the Aid of Ionizing
Irradiation, by A. A. Peredel'skiy.
RUSSIAN, per, Trudy Vses Nauch Issled Inst Zerna
i Prod Ego Pererabotki, No 35, 1957, pp 28-42.

*USDA

Use of Polyploidy in the Selection of Wheat Is
General, and Particularly for Its Albumin, by
V. E. Pisarev.
RUSSIAN, per, Trudy Vses Nauch Issled Inst Zerna
i Prod Ego Pererabotki, No 35, 1957, pp 62-75.

*USDA

Using Results of Calculating the Growth Rate of
Atlantic and Scandinavian Herrings for Distinguish-
ing Schools and For Studying Migration Routes, by
N. P. Biryukov.
RUSSIAN, per, Voprosy Ikhtiologii, No 6, Moscow,
1956, pp 47-54.

Bu of Commercial Fisheries
Seattle, Wash

First All-Union Conference on Nucleic Acids and
Nucleoproteins, by V. S. Tongur, P. I. Tseymlin,
(NY-4486).
RUSSIAN, per, Vysokomolekulyarnyye Soyedineniya,
Vol II, No 5, 1960, pp 817-822.

*JPRS

**Scientific
Biology (Contd.)**

Seed Dusting, by B. I. Rogozhinskiy.
RUSSIAN, per, Zashchita Rasteniy, No 5,
1960, p 28.

*USDA

What the Experiments of the Corn Institute
Tell, by G. A. Andreyeva.
RUSSIAN, per, Zashchita Rasteniy, No 5,
1960, pp 30, 31.

*USDA

Chinese Monthly Journal "Entomological
Science," by V. V. Yakhontov.
RUSSIAN, per, Zashchita Rasteniy, No 5,
1960, p 54.

*USDA

Coordination Conference.
RUSSIAN, per, Zashchita Rasteniy, No 5,
1960, pp 57-61.

*USDA

The Problem of Immunity, by M. S. Dunin,
6 pp.
RUSSIAN, per, Zashch Rast ot Vred i Bolez,
No 1, 1960, pp 59, 60.

JPRS 5085

Morphology, Distribution and Systematics of
Calanus Finmarchicus S. L., by V. A. Yashnov,
13 pp.
RUSSIAN, per, Zool Zhur, Vol XXXIV, No 6,
1955, pp 1210-1223.

Bu of Commercial Fisheries
Seattle, Wash

A Microtechnique for Rapid Determination of
Bacteria by Their Biochemical Reaction, by
Tseng Fan-chi, 7 pp.
CHINESE, per, Jen-min Pao-chien, Vol I, No 12,
1959, pp 1123-1125.

JPRS 3528

Marine Biology in China During the Past Decade,
by Tseng Ch'eng-k'uei, 13 pp.
CHINESE, per, K'o-hsueh T'ung-pao, No 20, 26
Oct 1959, pp 674-677.

JPRS 2856

Preliminary Remarks on a New Subdivision of
the Tribus Lithodina Based Upon Two Hitherto
Undescribed Genera and Species (Hapalogastrica),
Accompanied by a Characteristic of the Above
Named Tribus Anomura, by J. F. Brandt.
FRENCH, per, Bulletin de la Classe Physico-
Mathematique de l'Academie Imperiale des Sci-
ences de St. Petersburg, Vol VIII, No 16/17,
1950, pp 266-270.

Bu of Commercial Fisheries
Seattle, Wash

Scientific
Biology (Contd)

Fishing by Means of Blasting, by Franz
Schiemenz, 4 pp.

GERMAN, per, Fischerei Zeitung, Vol XLVI,
No 14/15, 1943, pp 83-85.

Fish and Wildlife Sv
Seattle, Wash

Investigation of the Transmission of an Ana-
tomical Feature in Crossings of Poplars of
Different Sections, by K. Meyer-Uhlenried.
GERMAN, per, Der Zuchter, Vol XXVIII, No 5,
1958, pp 209-216.

CSIRO Tr-4227

On the Etiology and Pathogenesis of the "Red
Disease" of Eels, by F. Inghilleri, 6 pp.
ITALIAN, per, Atti della Rend Acad Lincei,
Vol XII, 1903, pp 13-21.

Fish and Wildlife Sv
Seattle, Wash

Data on Salmon Predation (1). On Predation
on Salmon by Fur Seals, 5 pp.

JAPANESE, rpt, Hokuyo Bosen Kyogi Kai, 15
Mar 1959.

Fish and Wildlife Sv
Sandpoint Naval Air Sta
Seattle 15, Wash

Data on Salmon Predation (3). Predation on
Salmon by Belugas, Dolly Varden and Mackerel
Sharks, 25 pp.

JAPANESE, rpt, Hokuyo Bosen Kyogi Kai, 15
Mar 1959.

Fish and Wildlife Sv
Sandpoint Naval Air Sta
Seattle 15, Wash

Data on Salmon Predation (4). On Predation
on Salmon by Fur Seals and Harbor Seals, 6 pp.
JAPANESE, rpt, Hokuyo Bosen Kyogi Kai, 25
Mar 1959.

Fish and Wildlife Sv
Sandpoint Naval Air Sta
Seattle 15, Wash

Lipids of the Muscle of Tuna, *Thynnus Orien-
talis*. III. Leiothrinax of the Dark-Colored
and Ordinary Muscles, by Hisanao Igarashi,
Koichi Zama, Muneo Katada, 8 pp.
JAPANESE, per, Bulletin of the Japanese
Society of Scientific Fisheries, Vol XXIII,
No 5, 1957, pp 273-277.

Bu of Commercial Fisheries
Seattle, Wash

Lipids of the Muscle of Tuna, *Thynnus, Orien-
talis*. IV. Cephalins of the Dark-Colored
and Ordinary Muscles, by Hisanao Igarashi,
Koichi Zama, Muneo Katada, 10 pp.
JAPANESE, per, Bulletin of the Japanese
Society of Scientific Fisheries, Vol XXIII,
No 5, 1957, pp 278-281.

Bu of Commercial Fisheries
Seattle, Wash

Scientific
Biology (Contd)

Lipids of the Muscles of Tuna, *Thynnus Orientalis*. V. Further Researches on the Phosphoaminolipids, by Mameo Katada, Koichi Zama, Hisanao Igarashi, 10 pp.

JAPANESE, per, Bulletin of the Japanese Society of Scientific Fisheries, Vol XLIV, No 9, 1959, pp 735-738.

Bu of Commercial Fisheries
Seattle, Wash

A Study on Spawning of Skipjack in the Satsunan Sea Area, by Hiroshi Yabe.

JAPANESE, per, Nippon Gakujitsu Shinko Kai, 1954, pp 182-199.

Dept of Interior
SH211, E82, No 215

Culturing of a Copepoda, *Sinocalanus Tenellus*, by Chikayoshi Matsudaira, 6 pp.

JAPANESE, per, Plankton Society of Japan, Information on Planktonology in Japan, Vol V, 1957, pp 1-6.

Bu of Commercial Fisheries
Honolulu, Hawaii

Data on Salmon Predation (2). Predation on Salmon by Harbor Seal and Sea Lions, by Kozo (or Mitsuzo) Ikeyama, 7 pp.

JAPANESE, per, Suisankai, Tokyo, Feb 1935.

Fish and Wildlife Sv
Sandpoint Naval Air Sta
Seattle, Wash

**Scientific
Chemistry**

Recommendations By the Symposium on
Higher Chemical and Technical Training
Adopted at the Eighth Mendeleev Congress
on 23 March 1959, 9 pp.

RUSSIAN, monograph, Problemy Vysshego Khim
i Tekhnology Obrasovaniya, 1959, pp 32-41.

JPRS 2905

Interaction of Elements and Their Oxides in
the Weld Pool, by Dobrokhotoy.

RUSSIAN, per, Avtogennoye Delo, No 9, 1948.

*HB 4822

On the Possibility of Producing Polymeric
Materials With Semi-Conductor Properties
From Polyacrylnitryl, by A. V. Topchiev,
M. A. Geyderikh, B. E. Davydov, V. A. Kargin,
B. A. Krentsel', I. M. Kustanovich, L. S.
Polak.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 2, 1959.

USASIA: SI-O-15 768

Dielectric Constants and Dipole Moments of
Some Organosilicon Compounds, by A. A.
Gundyrev, N. S. Nametkin, G. M. Panchenkov,
A. V. Topchev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 6, 1959.

USASIA: SI-O-15 778

Isomerization of Tetranitroalkanes, by S. S.
Novikov, A. A. Faynzil'berg, S. A. Shevelev,
I. S. Korsakova, K. K. Babiyevskiy, (DC-4152).
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 4, 1 Jun 1960, pp 846-849.

*JPRS

Session of the Department of Chemical Sciences
of the Academy of Sciences USSR, Held 15-16
October 1959, by L. G. Makarova, (NY-4430).
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1960, pp 378-381.

*JPRS

Investigation of the Process of Vapor Phase
Nitration of Hydrocarbons of the Cyclopentane
Series. III. Nitration of Propylcyclopentane,
by M. A. Peredreyeva, Ya. I. Denisenko, S. S.
Novikov, (DC-4159).
RUSSIAN, per, Iz Vysshych Ucheb Zaved, Khim i
Khim Tekh, Vol III, No 2, 1960, pp 312-315.

*JPRS

**Scientific
Chemistry (Contd)**

Isotope Exchange, by A. I. Brodskiy,
(NY-4569).

RUSSIAN, per, Khim Nauk i Prom, Vol IV,
No 4, 1959, pp 423-434.

*JPRS

The CocrySTALLIZATION of Radioactive Sub-
stances With Various Residues, by V. I.
Urebenzhchikova, (NY-4569).

RUSSIAN, per, Khim Nauk i Prom, Vol IV,
No 4, 1959, pp 456-464.

*JPRS

Industrial Methods of Obtaining Heavy Water,
by N. M. Zhavoronkov, K. I. Sakodyskiy,
64 pp.

RUSSIAN, per, Khim Prom, No 3, 1959, pp 35-48.

JPRS 5064

Effects of a Gas Cushion on the Thermal Sta-
bility of TS-1 Fuel, by I. N. Danilov, Kh. A.
Murzabulatov, 5 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel, No 2,
1960, pp 44-46.

JPRS 2791

Eighth Mendeleev Congress of General and Ap-
plied Chemistry, by V. V. Kozlov, S. I. Vol'f-
kovich, 84 pp.

RUSSIAN, per, Uspekhi Khim, Vol XXVIII, No 12,
1959, pp 1399-1449.

JPRS 2939

Analysis of Rare and Semiconductor Elements,
by M. P. Volynets, 3 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXX, No 3,
1960, pp 101-103.

JPRS 3449

The Chemistry of Organophosphorus Compounds
and Their Use, by B. A. Arbuzov, 4 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXX, No 3,
1960, pp 103-105.

JPRS 3451

Classification of the Elements of Crystal
Sculpture, by P. S. Vadilo.

RUSSIAN, per, Zapiski Vses Mineralog Obshch,
No 1, 2nd Series 88, 1959, pp 97-99.

Navy 2581/
NRL 799

Precautionary Measures in Handling Organic Phos-
phorus Poisons, by Yu. S. Kagan.

RUSSIAN, per, Zashchita Rasteniy, No 5, 1960,
pp 45, 46.

*USDA

**Scientific
Chemistry (Contd)**

On the Problem of Crystallization of Ultra-Pure Substances, by P. S. Vadilo.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 10, 1957, pp 2375-2376.

Navy 2582/
NRL 800

Studies of Thermodynamic Properties of Substances With the Aid of the Method of Explosion in a Spherical Bomb, by V. A. Medvedev, 12 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 8, 1958, pp 1851-1858.

JPRS 2842

Simple and Complex Carbonate Compounds of Plutonium, by A. D. Gel'man, L. M. Zaytsev, (NY-4532).

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 12, 1959, pp 2688-2696.

*JPRS

New China's Progress in the Chemistry and Chemical Engineering of High Polymers, by Ch'ien Pao-kung, 25 pp.

CHINESE, per, K'o-hsueh T'ung-pao, No 20, 26 Oct 1959, pp 666-673.

JPRS 2855

The Production of Hydrofluoric Acid, 7 pp.

CHINESE, per, Wu-han Ta-hsueh Tzu-jan K'o-hsueh Hsueh-pao, No 5, 1959, pp 118-125.

JPRS 2918

The Production of Potassium Hydrofluoride, 7 pp.

CHINESE, per, Wu-han Ta-hsueh Tzu-jan K'o-hsueh Hsueh-pao, No 5, 1959, pp 122-125.

JPRS 2918

Automatic Extinction Recording in Chromatography and Other Methods of Fractionation, by W. L. Van Es en L. Bosch.

DUTCH, per, Chemisch Weekblad, Vol LV, 1959, pp 246, 247.

*TIL T-5132

Process and Device for Granulating Products Solidified From Molten Masses, Particularly Artificial Fertilizers Obtained in the Fluid Molten State, 6 pp.

FRENCH, Belgian Patent No 547,259, A. G. Ruhrchemie.

Patent Office

From Cellulose to Anthracite. IX. Experimental Contribution: Thermal Hydrolysis of Cellulose, by A. Gillet, P. Colson.

GERMAN, per, Brennstoff-Chemie, Feb 1958, pp S17-S19.

BISI 1694

Scientific
Chemistry (Contd)

Fluoroquinones I. Synthesis of Fluoroanil
by Halogen Exchange, by K. Wallenfels,
W. Draber, 23 pp.
GERMAN, per, Chem Ber, Vol XC, No 12, 1957,
pp 2819-2832.

Natl Bur of Standards

Air Filters for the Separation of Radio-
active Dust, by F. H. Becker, 10 pp.
GERMAN, per, Chem Ingr Tech, Vol XXXI, 1959,
pp 145-148.

AEC IGIS-74(RD/R)

Research Into the Formation and Elimination of
Deoxidation Products, by E. Flockinger, M.
Wahlster.
GERMAN, per, Stahl und Eisen, 12 May 1960,
pp 659-669.

BISI 1544

A Study of the Hydrogen-Deuterium Exchange in
the Heterogeneous Phase Through Ion Exchanges,
by Piroška Csanyi Fodorne, 31 pp.
HUNGARIAN, per, Magyar Kémiai Folyóirat, Vol
LXIV, No 11, 1958, pp 417-420.

JPRS 3485

Dyeing of Polyamide and Cellulose Fibre Blends
With Dyes Made in the Rumanian People's Repub-
lic, 9 pp.
RUMANIAN, per, Industria Textila, No 10, 1959.

ACSI E-6367

Third Ukrainian Republic Conference on Physical
Chemistry, (NY-4509).
UKRAINIAN, per, Ukrain Khim Zhur, Vol XXV, No 4,
1959, pp 553-556.

*JPRS

The Effect of Iodination of the Stability of
the Macrostructure of Egg Albumin, by V. Loba-
chevs'ka, 9 pp.
UKRAINIAN, per, Ukrain Biokhim Zhur, Vol XXXI,
No 6, Kiev, 1959, pp 799-806.

JPRS 5003

The Effect of Ionizing Radiation on the Lipid
Composition of the Blood and Liver of the Rat,
by V. V. Nikol'skiy, N. A. Nikolayeva, L. M.
Chumakova, 7 pp.
UKRAINIAN, per, Ukrain Biokhim Zhur, Vol XXXI,
No 6, Kiev, 1959, pp 877-882.

JPRS 5004

Conversions of Phosphoric Acid Esters of Choline,
Ethanolamine, and Serine in the Brain, by P. A.
Kometiani, L. K. Tkesnelashvili, 30 pp.
UKRAINIAN, per, Ukrain Biokhim Zhur, Vol XXXI,
No 6, Kiev, 1959, pp 913-936.

JPRS 5005

**Scientific
Electricity**

Constant Electric Field Surfaces, by Noel
J. Felici.

FRENCH, per, Revue Generale d'Electricite;
Sect. Scientifique et Technique, No 11,
Nov 1950, pp 479-501.

Navy 2580/
NRL 798

Scientific
Electronics

Shortwave Antennas, by G. P. Belotserkovskiy,
50 pp.

RUSSIAN, bk, Antenny, 1956, pp 290-331.

USASIA: SC-71/60

Electrical Measurements of Non-Electric Quantities,
by A. M. Turichin, (NY-4534).

RUSSIAN, bk, Elektricheskiye Izmereniya Neelek-
tricheskikh Belichin, 1959, pp 229-681.

*JPRS

Electronic Information-Logic Machines, by L. I.
Gutenmakher, (DC-3901/32).

RUSSIAN, monograph, Elektronnyye Informatsionno-
Logicheskiye Mashiny, 1960, pp 3-189.

*JPRS

A Point-Contact Transister Pulse Shaper, by
Yu. I. Senatorov, 20 pp.

RUSSIAN, brochure, Formirovatel' Impul'sov na
Tochechnom Triode, 1958, pp 3-22.

JPRS 2715

Communications Cable, by I. I. Grodnev, B. F.
Miller, (NY-4528).

RUSSIAN, bk, Kabeli Svyazi, 1950, pp 61-350.

*JPRS

On the Reliability of Contact-Relay Networks,
by K. P. Kurdiukov.

RUSSIAN, per, Avtomat i Telemekh, Vol XXI, No 4,
1960, pp 533-541.

Internatl Phys Index
Automation Express
Vol II, No 9

On Stable and Unstable Trajectories in Propor-
tional Navigation, by V. L. Kan, A. S. Kel'zon.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 6,
1960, pp 1220-1223.

Internatl Phys Index
Automation Express
Vol II, No 9

The Application of the Oscillation Index to the
Design of Nonlinear Servosystems, by S. M.
Fedorov.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Energet i Avtomat, No 2, 1959, pp 71-76.

Internatl Phys Index
Automation Express
Vol II, No 4

On Designing Self-Adaptive Systems With Two-Step
Control of the Parameters, by Yu. M. Kozlov.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Energet i Avtomat, No 4, 1959, pp 112-115.

Internatl Phys Index
Automation Express
Vol II, No 6

The Use of Direct Current Transmission to In-
crease the Stability of Adjacent Alternating
Current Transmission, by G. I. Polyak.

RUSSIAN, per, Iz Nauch Issled Inst Postoyannogo
Toka, Vol IV, 1959, pp 65-75. 9049890.

DSI Tr 610

Scientific
Electronics (Contd)

Electronics and Cybernetics, by A. I. Berg,
(NY-4515).

RUSSIAN, per, Iz Vysshykh Ucheb Zaved -
Radiotekh, Vol III, No 1, 1960, pp 3-12.

*JPRS

15,000,000 Television Sets, by P. Shmakov.
RUSSIAN, per, Literatura i Zhizn', No 2,
1959.

USASIA: SC-250b/60

(a) Standardisation of the Waviness of Sur-
face of Machine Components, by M. M. Paley,
(b) Reliability of Measurements of Surface
Texture, by I. V. Dunin-Barkovskiy, I. N.
Kartasheva.

RUSSIAN, per, Nauch Dok Vysshey Shkoly Ser
Mash i Prib, No 4, 1958, pp 152-159, 160-
169. 9049886

DSI Tr 601

Substantial and Business-Like Contacts Are
Needed, by I. Dzhigit, 3 pp.
RUSSIAN, per, Nauchno-Tekh Obsch, No 1,
1960, pp 12, 13.

JPRS 2756

A New Achievement in Radio Electronics,
4 pp.
RUSSIAN, per, Radio, No 11, 1959, pp 6, 7.

USASIA: SC-73a/60

Along the Path of Technological Progress,
6 pp.
RUSSIAN, per, Radio, No 11, 1959, pp 12, 13.

USASIA: SC-73c/60

The Polish Industrial Exposition in Moscow,
by V. Ivanitskiy, 5 pp.
RUSSIAN, per, Radio, No 11, 1959, pp 56-57.

USASIA: SC-73a/60

Industrial Television Installations, by
V. Smirnov, 10 pp.
RUSSIAN, per, Radio, No 12, 1959, pp 14-17.

USASIA: SC-74b/60

The 6F 1P Triode-Pentode, by A. Azat'yan,
12 pp.
RUSSIAN, per, Radio, No 12, 1959, pp 47-49,
51.

USASIA: SC-74c/60

Experimental Apparatus for Three-Dimensional
Color Television, by V. Dzhakoniy, (NY-4490).
RUSSIAN, per, Radio, No 4, 1960, pp 29, 30.

*JPRS

Scientific
Electronics (Contd)

On the Problem of Minimum Description, by
E. L. Blokh, 6 pp.
RUSSIAN, per, Radiotekh, Vol XV, No 2,
1960, pp 10-14.

Internatl Phys Index
Automation Express
Vol II, No 9,

An Experimental Study of Disk Resonators
at Millimeter Wavelengths, by A. I. Barchukov,
A. M. Prokhorov.
RUSSIAN, per, Radiotekh i Elektron, Vol IV,
No 12, 1959, pp 2094, 2095.

USASIA: SI-0-15 348

Television Through the Mountains.
RUSSIAN, per, Sovetskaya Kirgiziya, 1959.

USASIA: SC-250a/60

Television Film-Reproduction System and a
Video Recording System With Optical Doubling
of the Scanning Raster, by A. A. Gol'din,
D. A. Taranets, 17 pp.
RUSSIAN, per, Tekh Kino i Televideniya, Vol III,
No 11, 1959, pp 25-33.

JPRS 3493

Further Development and Improvement of Tele-
vision Technique, by S. Kaftanov, (NY-4497).
RUSSIAN, per, Tekh Kino i Televideniya, No 5,
1960, pp 1-3.

*JPRS

Certain Problems of Super-High Frequency Elec-
tronics, by Z. S. Chernov, G. A. Bernashevskiy,
15 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, No 2, 1957.

USASIA: SI-0-15 804

Improvement of Mobile Television Station PTS-52,
by A. Ya. Khesin, Ya. Ya. Vezis, V. V. Yesipov,
9 pp.
RUSSIAN, per, Vest Svyazi, No 12, 1959, pp 3-5.

USASIA: SC-75a/60

Electronic Transmitter for Standard Telegraph
Signals, by M. G. Kuz'mina, 5 pp.
RUSSIAN, per, Vest Svyazi, No 12, 1959, pp 5, 6.

USASIA: SC-75b/60

Radio-Relay Television Line With R-600 Equip-
ment, by G. A. Greybo, (NY-4500).
RUSSIAN, per, Vest Svyazi, No 5, 1960, pp 5-8.

*JPRS

Military Radio Operators, by I. T. Peresypkin.
RUSSIAN, per, Voyennoye Radisty, 1955, 54 pp.

USASIA: SC-109/60

A Window Toward the World, by Angel Vylchanov.
BULGARIAN, per, Bolgariya, No 3, 1960, pp 12,
13.

USASIA: SC-223/60

**Scientific
Electronics (Contd)**

Soviet Aid in Establishing Communications
in the Bulgarian People's Republic, by
M. A.

BULGARIAN, per, Poshtenets, Vol X, No 2,
1959, pp 4-6.

USASIA: SC-185/60

Reception From the Bucharest Television
Center, by D. Kaludov.

BULGARIAN, per, Radio i Televiziya, Vol I,
No 3, 1959, p 11.

USASIA: SC-192/60

Bulgarian Achievements in Radio.

BULGARIAN, per, Radio i Televiziya, Vol VII,
No 5, 1958, pp 1, 2.

USASIA: SC-188/60

Radio Relay Lines, by D. Cholakov.

BULGARIAN, per, Radio i Televiziya, Vol VII,
No 8, 1958, pp 23-25.

USASIA: SC-189/60

Ten Years of Wire Radio Communications.

BULGARIAN, per, Radio i Televiziya, Vol VII,
No 10, 1958, p 1.

USASIA: SC-190/60

Analysis of Junction Transistor Converters,
by Ch'eng Chung-chih, 17 pp.

CHINESE, per, Wu-li Hsueh-pao (Acta Physica
Sinica), Vol XV, No 10, 1959, pp 525-533.

JPRS 3480

Radio in Dukel, by Jaroslav Matousek.

CZECH, per, Amaterske Radio, Vol VIII, No 8,
1959, p 207.

USASIA: SC-306/60

Television Antenna for the Broadcasting Sta-
tion "Central Morava" (Brno), by Jaromir
Tvrznik.

CZECH, per, Amaterske Radio, Vol VIII, No 9,
1959, pp 248, 249.

USASIA: SC-307/60

The Television Broadcasting Station 100 W/30
of the "Svazarm" (Army League).

CZECH, per, Amaterske Radio, Vol VIII, No 10,
1959, pp 278-280.

USASIA: SC-308b/60

C. S. F. Television Transmitters, by J. Polonsky,
L. Amster, G. Melchior, 31 pp.

FRENCH, per, Annales de Radioelectricite, Vol
VII, No 23, 1952, pp 151-165.

USASIA: SC-79b/60

Scientific
Electronics (Cont'd)

Wide-Band Incorporated Interdigital Line
TR Tube (1), by D. Reverdin, 10 pp.

FRENCH, per, Annales de Radioelectricite,
No 46, 1955, pp 302-307.

USASIA: SC-83a/60

A New Equipment for the Elimination of Fixed
Echoes Developed by the General Telegraph
Company (Compagnie Generale de T. S. F.) of
the Type MA 371⁽¹⁾, 27 pp.
FRENCH, per, Annales de Radioelectricite, No 54,
1958, pp 287-302.

USASIA: SC-85a/60

White Noise Crosstalk Meter Type FD 692, by
R. Grit, G. Levailant, 27 pp.

FRENCH, per, Annales de Radioelectricite,
Vol XIV, No 56, 1959, pp 142-155.

USASIA: SC-87/60

Description and Technical Features of the
Portable Pulse Multiplex Type MX 641, 30 pp.
FRENCH, Compagnie Generale de T. S. F.

USASIA: SC-88/60

Branching of Device for Telephone Channels
Adapted to Relay Stations - Type MX 620,
by E. Morvan.

FRENCH, per, Societe Francaise Radioelectrique.

USASIA: SC-84/60

Relay for Protection of Electric Networks,
14 pp.

FRENCH, Patent No 1,193,579.

Patent Office

Automatic Radio Telemetering Method and
Apparatus, 15 pp.

FRENCH, Swiss Patent No 303,700.

Patent Office

Sample of Capacitors of GDR Production, 9 pp.
GERMAN, Inclosure No 2 to Report No RB-192-60
(Kq. USACUE).

USASIA: SI-0-12 040

Present Status and Prospects of Television in
Germany, by Dr. Fritz Schroeter.

GERMAN, per, Elektrc-Anzeiger, No 5/6, 1960,
pp 45-49.

USASIA: SC-162/60

This Will Interest You Too!

GERMAN, per, Das Elektron, No 8, 1957, p 208.

USASIA: SC-164/60

**Scientific
Electronics (Contd)**

This Will Interest You Too!

GERMAN, per, Das Elektron, No 12, 1957,
pp 342, 343, 354.

USASIA: SC-166/60

This Will Interest You Too!

GERMAN, per, Das Elektron, No 11, 1958,
pp 274, 275, 279, 289, 295, 296.

USASIA: SC-171/60

This Will Interest You Too!

GERMAN, per, Das Elektron, No 3, 1959.

USASIA: SC-173/60

Junction Amplifier, by H. Hepper, H.
Ptezoldt.

GERMAN, per, Elektronische Rundschau,
No 5, 1959, pp 179, 180.

USASIA: SC-263/60

Visiting the Semiconductor Manufacturing
Plant in Frankfurt on the Oder, 6 pp.

GERMAN, per, Nachrichtentechnik, Vol IX,
No 6, 1959, pp 243-245.

USASIA: SC-76a/59

Retrospect on the Leipzig Fair 1959, 14 pp.

GERMAN, per, Nachrichtentechnik, Vol IX,
No 6, 1959, pp 273-279.

USASIA: SC-76g/59

P. T. Service Development Program in Sar-
dinia, 4 pp.

ITALIAN, per, Poste e Telecomunicazioni,
Vol XXIV, No 3, 1956, pp 187, 188.

USASIA: SC-91/60

Telecommunications in Sicily, 3 pp.

ITALIAN, per, Poste e Telecomunicazioni,
Vol XXIV, No 4, 1956, pp 287, 288.

USASIA: SC-92/60

For the Freedom of Information, by Giovanni
Scanga, 18 pp.

ITALIAN, per, Poste e Telecomunicazioni,
Vol XXIV, No 5, 1956, pp 353-366.

USASIA: SC-93a/60

Telephone Cable Tunnel Under the Seine in
Paris, 1 p.

ITALIAN, per, Poste e Telecomunicazioni,
Vol XXIV, No 5, 1956, p 391.

USASIA: SC-93b/60

FM in France, 1 p.

ITALIAN, per, Poste e Telecomunicazioni,
Vol XXIV, No 5, 1956, p 392.

USASIA: SC-93c/60

Scientific
Electronics (Contd)

Telegrams Under the Ocean, by Alberto Spasiano, 14 pp.

ITALIAN, per, Poste e Telecomunicazioni,
Vol XXIV, No 5, 1956, pp 411-417.

USASIA: SC-93d/60

The Greek Microwave Radiotelephone Network,
4 pp.

ITALIAN, per, Poste e Telecomunicazioni,
Vol XXIV, No 5, 1956, pp 429-431.

USASIA: SC-93e/60

France-Corsica-Sardinia-Algeria Radio Relay
System, 4 pp.

ITALIAN, per, Poste e Telecomunicazioni,
Vol XXIV, No 7, 1956, pp 545, 546.

USASIA: SC-94/60

Rome-Madrid Direct Telephone Connection, 7 pp.

ITALIAN, per, Poste e Telecomunicazioni,
Vol XXV, No 9, 1957, pp 796-800.

USASIA: SC-96b/60

Telephone Service From Capri and From Ischia,
1 p.

ITALIAN, per, Poste e Telecomunicazioni,
Vol XXV, No 9, 1957, p 828.

USASIA: SC-96a/60

Accomplishments of the P. T. Administration in
the Last Five-Year Period, 6 pp.

ITALIAN, per, Poste e Telecomunicazioni,
Vol XXV, No 11, 1957, pp 1037-1039.

USASIA: SC-97b/60

The New Vatican Transmitter, 4 pp.

ITALIAN, per, Poste e Telecomunicazioni,
Vol XXV, No 11, 1957, pp 1045, 1046.

USASIA: SC-97a/60

Italian Intercontinental Communications, by
Giovanni Scanga, 15 pp.

ITALIAN, per, Poste e Telecomunicazioni,
Vol XXVI, No 6, 1958, pp 107-120.

USASIA: SC-98/60

Power Supply Installations for the Rome--
Pescara Radio Link, by O. Bianchi, 20 pp.

ITALIAN, per, Poste e Telecomunicazioni,
Vol XXVI, No 9, 1958, pp 595-606.

USASIA: SC-99a/60

Telecommunications in Nigeria, 5 pp.

ITALIAN, per, Poste e Telecomunicazioni,
Vol XXVI, No 9, 1958, pp 625-627.

USASIA: SC-99b/60

**Scientific
Electronics (Contd)**

Inauguration of a RAI-TV Station at
Potenza, 2 pp.

ITALIAN, per, Poste e Telecomunicazioni, No 5,
1959, p 415.

USASIA: SC-104/60

Inauguration of New Telephone Cable Service Be-
tween Italy and North America, 9 pp.

ITALIAN, per, Poste e Telecomunicazioni, No 9,
1959, pp 865-869.

USASIA: SC-106a/60

New "Stipel" Telephone Exchanges in the Bergamo
Area, by Domenico Oreglia, 20 pp.

ITALIAN, per, Poste e Telecomunicazioni, No 9,
1959, pp 877-889.

USASIA: SC-106b/60

Handling Instructions for SC KANJI Telegraphic
Translating Machine.

JAPANESE, bk, SC4 Gata Kanji Denshin Honyaku ki
Toriatukai Setsumeisho, publ by the Tanimura
Co, Ltd, 189 pp.

USACRAPAC, PD
101983 A

How to Make Adjustments for SC4M KANJI Type
Teleprinter Machine.

JAPANESE, bk, SC4M Kanji Insatsu Denshin ki
Chosei Ho, publ by the Tanimura Co, Ltd,
56 pp.

USACRAPAC, PD
101983 B

Master Plan for a Modern Telecommunications
System in the Republic of Panama.

SPANISH, Bid No 1 of the Ministry of Government
and Justice Republic of Panama.

USASIA

Scientific
Engineering

Methods and Instruments for Investigation of the Electricity of Clouds and Precipitations, by I. M. Imyan'tov.

RUSSIAN, bk, Mezhevdomatvennaya Konferentsiya po Voprosam Issledovaniya Oblakov, Osadkov i Grozovogo Elektrichestva, 5th Leningrad, 1956, pp 159-163.

Navy 2578/
NRL 793

Technical Preparation for Production -- Sec 22. Design Preparations for Production, by A. M. Chelnokov, (NY-4498).

RUSSIAN, bk, Organizatsiya i Planirovaniye Sudostroitel'nogo Predpriyatiya, 1959, pp 150-169.

*JPRS

Increasing the Wear Resistance of Machine Parts, by A. F. Chelnokov.

RUSSIAN, bk, Povysheniye Iznosoustoichivosti Detaley Mashin, 1959, pp 4-17.

*ATIC MCI-686/III

Seminar on the Engineering Applications of Mathematical Logic (1958-1959), by V. P. Goncharov, 13 pp.

RUSSIAN, per, Avtomat i Telemek, Vol XXI, No 1, 1960, pp 145-148.

JPRS 5072

A Point Explosion in an Inhomogeneous Atmosphere, by A. S. Kompaneneyets, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5, 1960, pp 1001-1003.

JPRS 3611

Stationary Detonation, by B. V. Voytsekhovskiy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 6, 1959, pp 1254-1256.

JPRS 2885

Motion of Thin Bodies at High Supersonic Velocities, by G. M. Gam-Zelikovich, A. I. Bunimovich, M. P. Mikhaylova, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 1, 1960, pp 33-40.

JPRS 2909

Motion of a Solid Body in the Pulsating Flow of a Viscous Fluid, by N. L. Granat, 14 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 1, 1960, pp 70-78.

JPRS 2844

On the Stability and Oscillations of Anisotropic Plates, by S. A. Ambartsumyan, A. A. Khachatryan, 15 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 1, 1960, pp 113-122.

JPRS 2864

Scientific
Engineering (Contd)

Examination of a System of Equations of
Magnetic Hydrodynamics for a Two-Parameter
Case, by S. Tkach, 4 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Mekh i Mash, No 1, 1960, pp 182, 183.

JPRS 5086

The Problem of Expanding the Resources of Jet
Fuels, by M. G. Mamedli, M. S. Aliyev, 6 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Neft'
i Gas, No 2, Baku, 1960, pp 81-85.

JPRS 2792

On an Inertial Method of Measuring Velocities,
by V. N. Drozdovich, 13 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Pribo-
rostroy, No 3, 1957, pp 29-39.

JPRS 2912

A Simple Floating Pendulum Gyrocompass With
Suspension on a Core Bearing, by M. A.
Sergeyev, 9 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Pribo-
rostroy, No 3, 1959, pp 50-56.

JPRS 2772

Portable Pneumatic Oscillograph and Small
(Portable) Mechanocardiograph, by S. T.
Tsukkerman, 9 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Pribo-
rostroy, No 3, 1959, pp 57-63.

JPRS 2771

Deterioration of Tent Fabrics in Various
Climatic Conditions, by N. V. Kalugin, 19 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tekh
Tekstil Prom, No 3, 1959, pp 19-25.

ACSI H-6422
ID 2144833

Tractor "Nursery," 4 pp.
RUSSIAN, per, Pol'sha, No 2(66), 1960, pp 5,
6, 7.

ACSI H-6420

The Optimal Temperature of Regenerative Pre-
heating of Water at Nuclear Power Plants, by
D. D. Kalafati, 21 pp.
RUSSIAN, per, Teploenergetika, No 4, 1960, pp
74-81.

JPRS 2845

Tensometric Shipboard Wave Recorder GM-16, by
Yas. G. Vilenskiy, B. Kh. Glukhovskiy, 36 pp.
RUSSIAN, per, Transactions of the State
Oceanographic Institute, No 47, Moscow, 1959.

Navy 2568/
ONI 696

Scientific
Engineering (Contd)

On the Theory of the Motion of a Pendulum
on a Ship, by V. L. Panteleyev, 28 pp.
RUSSIAN, per, Vest Moskov Univ Ser Matemat.
Mekh, Astron, Fiz, No 4, 1959, pp 41-53.

JPRS 15009

Wages of Lowering Labor Expenditures in
Servicing an ATB, by N. Yu. Rutenburg, 9 pp.
RUSSIAN, per, Vest Svyazi, No 12, 1959, pp
7-9.

UBASIA: SC-75c/60

Aerosol Generators, by G. I. Korotkikh.
RUSSIAN, per, Zash Rast ot Vreditel'ei i
Boleznei, Vol II, No 5, Sep/Oct 1957, pp 50,
51.

USDA

The Development of Mechanics in China in the
Past Decade, 7 pp.
CHINESE, per, Li-hsueh Hsueh-pao, Vol III, No 4,
Peiping, 1959, pp 277-280.

JPRS 3496

Multifuel Engines, 8 pp.
CZECH, per, Automobil, No 12, 1958, pp 406,
407.

ACSI H-6402

Effect of Piercing Mill Roll Variables on the
Deformation Process, and Occurrence of Defects
in Tube Manufacture, by O. Pejcoch.
CZECH, per, Hutnicke Listy, No 2, 1960, pp 157-
166.

*BISI 1774

Technical Note on the Stability of Route of
Ships, by Jean Dieudonne.
FRENCH, per, ATMA, Vol XLVIII, pp 463-490.

*Navy/DIMB 295

The New 1400 H.P. Diesel-Electric Locomotives
of the Types 040 DG Constructed for the French
National Railways (S.N.C.F.), by D. Caire.
FRENCH, per, Rev Assoc Francaise des Amis des
Chem de Fer, Nov/Dec 1959, pp 164-166.

BISI 1653

The Why's and Wherefore's of Track, by B.
Porcher.
FRENCH, per, Rev Assoc Francaise des Amis des
Chem de Fer, Nov/Dec 1959, pp 176-186.

BISI 1654

The Completion of Basic Bessemer Conversion,
by J. Marot, J. Harveng.
FRENCH, per, Revue de Metallurgie, Oct 1959,
pp 211-220.

BISI 1546

Scientific
Engineering (Contd)

Dispensing Device for Cigarettes and
Other Objects, by Nigel Adour Bellairs,
6 pp.
FRENCH, Patent No 613,105.

Patent Office

Electric Machine, 18 pp.
FRENCH, Patent No 701,106.

Patent Office

Apparatus for Checking or Testing Pneumatic
Tire Casings for Vehicles, 5 pp.
FRENCH, Patent No 890,906.

Patent Office

Post and Telecommunications. Nuclear Research
and Engineering.
GERMAN, bk, GDR Yearbook, 1959.

USASIA: SI-0-15 736

A New Design for Small Motors, by H. Jaun.
GERMAN, per, Bulletin des Schweizerischen
Elektrotechnischen Vereins, No 21, 12 Oct
1957, pp 905-909.

*ATIC MCL-680/V

The Conversion of Various Magnitude Clearance
Widths for the New 1-SM/DR Clearance Gauge,
by E. Von Knobloch.
GERMAN, per, Deutsche Eisenbahn Technik,
Berlin, 1959, pp 135-138.

ACSI H-4025
ID 2142804

On the Causes of Wear and Tear of Tools, by
G. Ostermann.
GERMAN, per, Industrie-Anzeiger, 4 Aug 1959,
pp 13-21./

*BISI 1761

Intereffect of Tool and Material To Be Cut,
In the Cutting of Metals, by T. N. Loladse.
GERMAN, per, Industrie-Anzeiger, 4 Aug 1959,
pp 21-26.

*BISI 1762

High Velocity Wind Tunnel for Investigation of
Blading, by E. Lindner, 10 pp.
GERMAN, per, Maschinenbau Technik, Oct 1959.

Navy/ONI 5093718

Calculation of Sweep Characteristics of a pnp-
npn Combination, by K. Leberwurst, 21 pp.
GERMAN, per, Nachrichtentechnik, Vol IX, No 6,
1959, pp 246-253.

USASIA: SC-76b/59

Scientific
Engineering (Contd)

Four-Pole Locus Diagrams of the Transistor
as a Basis for Calculations of Circuits,
by H. Rohr, 22 pp.
GERMAN, per, Nachrichtentechnik, Vol IX,
No 6, 1959, pp 253-260.

USASIA: SC-76c/59

The Gain - Controlled Transistor, by L. Steinke,
11 pp.
GERMAN, per, Nachrichtentechnik, Vol IX, No 6,
1959, pp 261-264.

USASIA: SC-76d/59

Development Tendencies in Air Traffic Control,
by H. Albrecht, 9 pp.
GERMAN, per, Nachrichtentechnik, Vol IX, No 6,
1959, pp 270-273.

USASIA: SC-76f/59

Development of New Type Open-Hearth Furnaces,
by E. Boelens.
GERMAN, per, Radex Rundschau, No 4, 1960, pp
71-85.

*BISI 1767

Hydraulic Ingot and Slab Shears, by A. Hertl.
GERMAN, per, Sonderdruck aus Tech Mitt, No 10,
1958, pp 513-519.

*BISI 1764

Wear Measurements During the Drawing of Steel
Rods by Radioactive Dies, by W. Lueg, P.
Funke.
GERMAN, per, Stahl und Eisen, 9 Jul 1959, pp
996-1002.

*BISI 1772

Effect of Prestraining of Rolling Mill Stands
on the Accuracy of the Rolled Products, by
O. Pawelski.
GERMAN, per, Stahl und Eisen, 3 Sep 1959, pp
1295-1297.

*BISI 1773

The Effect of Pre-Treatment of the Charge in
Blast Furnace Operation, by H. Kahlhofer,
et al.
GERMAN, per, Stahl und Eisen, 15 Oct 1959,
pp 1461-1471.

BISI 1492

Electronic Crane Weighing Scales for Use in
Iron and Steel Works, by H. Knuppel, G.
Wiethoff.
GERMAN, per, Stahl und Eisen, Vol LXXX, 18
Feb 1960, pp 220-233.

BISI 1652

**Scientific
Engineering (Contd)**

Work Holder for Shears, Punching Machines
and Presses, 3 pp.

GERMAN, Patent No 75,466.

Patent Office

Process and Apparatus for Operating Internal
Combustion Engines, by Rudolf Sigoh, 5 pp.

GERMAN, Austrian Patent No 100,202.

Patent Office

Lift Vehicle With Platform Suspended on Cables
or Chains and Guided in a Fram, by Gerald
Strecker, Theodor Gockel, 3 pp.

GERMAN, Patent No 493,762 (minus claims).

Patent Office

Process of Manufacturing Drinking Cups of
Agglutinated Aluminum Foils Faced on Paper,
by Leopold Rado, 4 pp.

GERMAN, Patent No 606,606.

Patent Office

Arrangement for Obviating Arc Defects, 5 pp.

GERMAN, Patent No 739,247.

Patent Office

Rubber Support for Dental Drills, by August
Bednarek, 6 pp.

GERMAN, Patent No 842,241.

Patent Office

Manufacture of Pozzuolana Cement, 2 pp.

GERMAN, Patent No 874,874.

Patent Office

Granulation Process, by Wolfgang Stroh,
Rudolf Erdmenger, Julius Wehn, 3 pp.

GERMAN, Auslegeschrift DAS No 1,059,413.

Patent Office

Modern Forging Manipulators, by G. Papuli.

ITALIAN, per, La Metallurgia Italiana,

No 3, 1959, pp 94-100.

BISI 1619

Multiphase Compressed Gas Electric Circuit
Breaker With Different Blow-Out for Each
Phase, 13 pp.

ITALIAN, Patent No 379,301.

Patent Office

Machine Element With Friction Surfaces, 3 pp.

ITALIAN, Patent No 483,244.

Patent Office

A New Simple Current Profile Recorder, 2 pp.

JAPANESE, per, Journal of Oceanographical

Society of Japan, Jun 1959, pp 57-60.

Navy 2571/
ONI 732

Scientific
Engineering (Contd)

A Contribution to the Evaluation of the Performance of the Improved Mill of the Type 'Karol,' by F. Sewejda.
POLISH, per, Koks-Smola, Gaz, No 1, 1958, pp 25-27.

*BISI 1765

Notes on Large Tankers Without Central Superstructure, by L. Jarry, 12 pp.
PORTUGUESE, per, Navires, Ports & Chantiers, Feb-Mar 1960.

Maritime Admin

Arrangement for Converting the Oscillatory Motion of a Pendulum, a Balance Wheel or the Like Into a Rotary Motion Effected With Constant Speed, by N. P. T. Schwalbe, 6 pp.
SWEDISH, Patent No 129,143.

Patent Office

"Quick-Acting Valves". (Protective Construction Against Air Blast Waves), 14 pp.
SWEDISH, rpt, Snabbventiler, No 104/3, 5 Dec 1959.

Navy 2566/
ONI 680

Scientific
Fuels

Jet Fuels, by N. A. Ragozin, 14 pp.
RUSSIAN, monograph, Reaktivnyye Topлива,
1959.

AF 1419605

**Scientific
Geophysics**

Solar Activity and Its Effect on the Ionosphere, 51 pp.

RUSSIAN, bk, Solnechnaya Aktivnost' i Yeye Vliyaniye na Ionosfere, 1959, 31 pp.

JPRS 5059

Some Peculiarities of Solar Granulation, by V. Krat.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIX, No 4, 1953, pp 647-649. 654600

ATTC MCL-76/V

Electrical Discharge During the Flight of Meteors in the Earth's Atmosphere, by V. P. Dokuchayev, (DC-4138).

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 1, 1960, pp 78-81.

*JPRS

Ionized Gas and High Energy Electrons in the Vicinity of the Earth and In Interplanetary Space, by K. I. Gringauz, V. G. Kurt, V. I. Moroz, I. S. Shklovskiy, (NY-4568).

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 5, 1960, pp 1062-1065.

*JPRS

A Method for Calculating the Magnitude of the Gamma Radiation Air Dose in Homogeneous Geological Media, by R. M. Kogan, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 7, 1959, pp 933-994.

AEC Tr 4098

Automatic Equipment at Seismic Stations of the North Tien Shan Zone, by A. A. Fogel', 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 2, 1960, pp 229-235.

JPRS 2910

In the International Geographical Organizations Activity of the National Committee of Soviet Geographers (From January 1959 to March 1960), by M. B. Gornung, (DC-4179).

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geograf, No 3, 1960, pp 138-142.

*JPRS

Resolution Passed at the Scientific Conference of Higher Educational Institutes on the Problems of Constructing a Geodetic Control Net, by K. Provorov, 3 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Geod i Aerofotos'yemka, No 1, 1960, pp 5-7.

JPRS 3478

Scientific
Geophysics (Contd)

The tasks of the Geodetic Service in Fulfilling the Seven-Year Plan for the Development of the National Economy of the USSR, by A. N. Baranov, 8 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Geod i Aerofotos'yemka, No 1, 1960, pp 9-15.

JPRS 3478

Future Development of the Plans and Programs for the Construction of the State Geodetic Networks of the USSR, by S. G. Sudakov, 35 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Geod i Aerofotos'yemka, No 1, 1960, pp 17-38.

JPRS 3478

The Future Plan and Program for the Construction of the State Geodetic Network of the USSR, by A. I. Durnev, 22 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Geod i Aerofotos'yemka, No 1, 1960, pp 39-56.

JPRS 3478

Modern Means and Methods for Geodetic Marriage of Continents, by A. V. Butkevich, 20 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Geod i Aerofotos'yemka, No 1, 1960, pp 89-101.

JPRS 3478

The Results of Testing the Gamma Moisture Gauge IVP-64, by Yu. S. Mel'nik, 10 pp.

RUSSIAN, per, Met i Gid, No 2, 1960, pp 35-38.

JPRS 2765

By Forces of Scientists of 65 Countries, by B. I. Silkin.

RUSSIAN, per, Priroda, No 4, 1960, pp 35-42.

*IGC

OTS PB 131632-130

For Studying Marine Flora and Fauna, by M. N. Diomidov.

RUSSIAN, per, Priroda, No 4, 1960, pp 93-95.

*IGC

OTS PB 131632-130

On the Disposition of Hydrogeological Stations on USSR Territory, by A. A. Konoplyantsev, (DC-4139).

RUSSIAN, per, Razvedka i Okhrana Nedr, No 3, 1960, pp 43-48.

*JPRS

Oceanographical Congress in the United States, by D. I. Shcherbakov.

RUSSIAN, per, Vest Ak Nauk SSSR, No 12, 1959, pp 57-60. 9049881

DSI 618

Scientific
Geophysics (Contd)

The Great Developments and Achievements
in Geophysical Prospecting Techniques in
China During the Past Decade, by Ku Kung-
hsu, 11 pp.
CHINESE, per, K'o-hsueh T'ung-pao, No 20,
26 Oct 1959, pp 678-681.

JPRS 2857

Scientific
Mathematics

Algorithmic Difficulties of the Synthesis
of Minimum Contact Circuits, by S. V.

Yablonskiy, 39 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 2,
1959, pp 75-122.

JPRS 2946

On the Separability of Subsets of Vertices
of an n-Dimensional Unit Cube, by Yu. I.

Zhuravlev, 17 pp.

RUSSIAN, per, Trudy Matemat Inst imeni V. A.
Steklova, Vol LI, 1958, pp 143-157.

JPRS 5073

On a Method for Obtaining Estimations of a
Certain Kind for Functions Regular in the
Circle, by N. A. Lebedev, G. A. Sogomonova,
17 pp.

RUSSIAN, per, Vest Lenin Un-ta, Ser Matemat,
Mekh i Astron, No 13, 1959, pp 5-19.

ACSI H-6329
ID 2144841

Net Theory Elements and Their Application in
Nomography, by T. Steyskalova, 15 pp.

RUSSIAN, per, Vychisiltel'naya Matematika, No 4,
1959, pp 173-183.

JPRS 5026

Mathematical Research in Communist China in the
Past Ten Years, by Hua Lo-keng, 9 pp.

CHINESE, per, K'o hsueh T'ung-pao, Vol XVIII,
Peiping, 1959, pp 565, 566.

JPRS 5000

**Scientific
Medicine**

Improvised Measures for the Protection of the Respiratory Organs.

RUSSIAN, Publishing House of the All-Union Voluntary Society for the Promotion of the Army, Navy, and Air Force, Moscow, 1959, pp 50-54.

Navy 2573/
ONI 736

Combined Combat Injuries, by S. Rusanov, Yu. Drugov, I. Bezdenezhnykh, K. Baryshnikov, 47 pp. RUSSIAN, encyclopedia, Bol'shaya Meditsinskaya Entsiklopediya, Vol XIII, No 2, 1959, pp 715-738.

JPRS 5048

Labor Hygiene When Using Insectofungicides in Agriculture, by L. I. Medved', 317 pp. RUSSIAN, bk, Gigiyena Truda pri Primenenii Insektofungitsidov v Sel'skom Khozyaystve, 1958, pp 3-191.

JPRS 2987

Conference on the Problem of Longevity Abstracts of Reports, 44 pp. RUSSIAN, monograph, Konferentsiya po Probleme Dolgoletiya, 31 January-2 February 1959, pp 1-40.

JPRS 3577

Materials on the Reactions of the Central Nervous System to Ionizing Radiations, by Yu. G. Grigor'yev. RUSSIAN, bk, Materialy k Izucheniyu Reaktsii Tsentral'noi Nervnoi Sistemy Cheloveka na Ioniziruyushchee Izluchenie, Moscow, 1958, 135 pp.

*AEC

Some Problems in Flanging and Beading Membranes, by B. V. Grigoryev, 13 pp. RUSSIAN, bk, Some Questions Pertaining to Modern Instrumentation Technology, pp 84-96.

NASA TT F-32

Basic Tasks of Hygiene in the Field of the Study of Nutrition of the Population, by Z. M. Agranouskiy, 8 pp. RUSSIAN, bk, Trudy Leningradskogo Sanitarno-Gigiyenicheskogo Meditsinskogo Instituta, Vol XXV, 1955, pp 5-11.

JPRS 2890

Scientific
Medicine (Contd)

Hygienic Characteristics of the Organic Composition of the Food Ration of Pupils in Children's Homes, by Z. P. Koshina, 16 pp.

RUSSIAN, bk, Trudy Leningradskogo Sanitarno-Gigiyenicheskoy Meditsinskogo Instituta, Vol XXV, 1959, pp 12-24.

JPRS 2890

Hygienic Characteristics of the Salt Content of the Food Ration of Pupils in Children's Homes, by Ye. A. Lebedeva, 19 pp.

RUSSIAN, bk, Trudy Leningradskogo Sanitarno-Gigiyenicheskoy Meditsinskogo Instituta, Vol XXV, 1959, pp 25-40.

JPRS 2890

An Experiment in Making Out Rations for Nutrition in Private Children's Institutions, by Ye. A. Lebedeva, Z. P. Koshina, 25 pp.

RUSSIAN, bk, Trudy Leningradskogo Sanitarno-Gigiyenicheskoy Meditsinskogo Instituta, Vol XXV, 1959, pp 41-64.

JPRS 2890

The Problem of the Organization of Laboratory Control for Nutrition of the Population, by A. M. Chistyakova, K. V. Karpov, 18 pp.

RUSSIAN, bk, Trudy Leningradskogo Sanitarno-Gigiyenicheskoy Meditsinskogo Instituta, Vol XXV, 1959, pp 65-78.

JPRS 2890

Development of Higher Pharmaceutical Education in the USSR During the Postwar Years, by A. M. Sidorkov, 7 pp.

RUSSIAN, per, Apteknoye Delo, Vol VIII, No 6, 1959, pp 44-47.

JPRS 2980

Changes With Age in the Hemopoietic Organs of Mice, by F. B. Yermakova.

RUSSIAN, per, Arkhir Anatom, Gistolog i Embriol, Vol XXXVIII, No 5, 1960, pp 56-59.

*JPRS

Immunogenesis and Types of Higher Nervous Activity, by S. I. Vovk, 9 pp.

RUSSIAN, per, Fiziol Zhur, Vol V, No 6, Kiev, 1959, pp 781-786.

JPRS 2937

Scientific
Medicine (Contd)

Expanded Scientific Conference on Sanitary
Protection of the Seacoast, by O. N.
Tolstoshey, 5 pp.
RUSSIAN, per, Gig i San, Vol XXIV, No 1,
1959, pp 38, 39.

JPRS 2941

The Sanitary-Epidemiological Council, by S. V.
Pevsner, 2 pp.
RUSSIAN, per, Gig i San, Vol XXIV, No 10,
1959, pp 71, 72.

JPRS 3581

The Use of Ultraviolet Radiation of Different
Spectral Composition for Reducing the Sequels
of Radiation Injury, by T. A. Sviderskaya, Ye. G.
Zhuk, I. N. Filipson, 13 pp.
RUSSIAN, per, Gig i San, Vol XXV, No 2, 1960,
pp 27-33.

JPRS 5023

Atmospheric Air Pollution With Radioactive
Substances, by V. F. Oreshko, Yu. V. Novikov,
11 pp.
RUSSIAN, per, Gig i San, Vol XXV, No 2, 1960,
pp 64-70.

JPRS 5025

Shifts in Physical Thermoregulation in Man
During Acclimatization in the Extreme North,
by I. S. Kandror, 13 pp.
RUSSIAN, per, Gig i San, Vol XXV, No 3, 1960,
pp 6-12.

JPRS 2900

Oscillations of the Human Body Due to the Ef-
fect of Vibration, by A. M. Volkov, V. Ya.
Chirkov, (DC-4214).
RUSSIAN, per, Gig Truda i Professional Zabol,
Vol IV, No 5, 1960, pp 8-11.

*JPRS

The Effect of Vibration of Varying Parameters
on Threshold Perception of Sonic Tones, by Z. M.
Butkovskaya, (DC-4214).
RUSSIAN, per, Gig Truda i Professional Zabol,
Vol IV, No 5, 1960, pp 12-16.

*JPRS

Physiological-Hygienic Evaluation of Improved
Models of Gasoline-Driven Saws, by N. N.
Malinskaya, L. N. Shkarinov, (DC-4214).
RUSSIAN, per, Gig Truda i Professional Zabol,
Vol IV, No 5, 1960, pp 16-23.

*JPRS

Scientific
Medicine (Contd)

The Effect of Vibration From an Electric Drill on the Organism of Drillers at Shale Mines, by A. V. Sheval'ye, B. M. Shamardin, N. A. Shamardina, Kh. Ya. Yanes, (DC-4214).
RUSSIAN, per, Gid Truda i Professional Zabol, Vol IV, No 5, 1960, pp 24-26. *JPRS

Changes of Certain Physiological Functions in Drillers During Mining Operations, by I. A. Kovalevich, (DC-4214).
RUSSIAN, per, Gig Truda i Professional Zabol, Vol IV, No 5, 1960, pp 26-30. *JPRS

A Work Schedule for Riveters in the Aviation Industry, by T. N. Pavlova, (DC-4214).
RUSSIAN, per, Gig Truda i Professional Zabol, Vol IV, No 5, 1960, pp 31-35. *JPRS

The Problem of Methods of Investigating Physiological Shifts Due to the Effect of Noise on the Human Organism, by A. I. Vozhzhova, I. A. Sapov, (DC-4214).
RUSSIAN, per, Gig Truda i Professional Zabol, Vol IV, No 5, 1960, pp 36-40. *JPRS

The Clinical Picture of a Unique Form of Vibration Sickness, by A. S. Mel'kumova, (DC-4214).
RUSSIAN, per, Gig Truda i Professional Zabol, Vol IV, No 5, 1960, pp 41-45. *JPRS

The Diagnostic Significance of Investigating Vibration Sensitivity in Vibration Sickness, by N. B. Metlina, (DC-4214).
RUSSIAN, per, Gig Truda i Professional Zabol, Vol IV, No 5, 1960, pp 45-48. *JPRS

Heat-Insulating Coating for Pneumatic Tools as a Means of Improving Working Conditions, by V. A. Bragina, (DC-4214).
RUSSIAN, per, Gig Truda i Professional Zabol, Vol IV, No 5, 1960, pp 49, 50. *JPRS

The Problem of the Early Diagnosis of the Effect of General Vibration on the Human Organism, by A. V. Bordukov, (DC-4214).
RUSSIAN, per, Gig Truda i Professional Zabol, Vol IV, No 5, 1960, pp 50-52. *JPRS

Scientific
Medicine (Contd)

The Etiology, Pathogenesis and Surgical Treatment of Malignant Tumors of the Thyroid, by F. A. Agafanov, (NY-4594).
RUSSIAN, per, Khirurgiya, Vol XXXVI, No 5, 1960, pp 30-34. *JPRS

The Activity of the Properdin System in Burn Diseases, by R. I. Murazyan, I. L. Chertkov, (NY-4594).
RUSSIAN, per, Khirurgiya, Vol. XXXVI, No 5, 1960, pp 77-81. *JPRS

Treatment of Thermal Burns With "Nebisep," an Antibiotic Powder, by Ya. S. Valigura, (NY-4594).
RUSSIAN, per, Khirurgiya, Vol XXXVI, No 5, 1960, pp 81-84. *JPRS

Our Experience in the Treatment of Thermal Burns, by P. I. Khel'ben, (NY-4594).
RUSSIAN, per, Khirurgiya, Vol XXXVI, No 5, 1960, pp 85-87. *JPRS

Burn Shock in Dogs and the Effect of Neuroplegic Substances on Its Course, by Ye. M. Gindin, O. L. Pokrovskaya, L. V. Lebedeva, (NY-4594).
RUSSIAN, per, Khirurgiya, Vol XXXVI, No 5, 1960, pp 87-96. *JPRS

A Study of the Changes in the Blood Coagulation System in Burn Shock, by V. N. Smidovich, L. I. Gerasimova, (NY-4594).
RUSSIAN, per, Khirurgiya, Vol XXXVI, No 5, 1960, pp 96-104. *JPRS

Early Surgical Treatment of Chemical Burns, by M. I. Bystritskiy, V. P. Skorodkhodov, (NY-4594).
RUSSIAN, per, Khirurgiya, Vol XXXVI, No 5, 1960, pp 104-106. *JPRS

Remission of Hypertensive Disease, by A. V. Kolosov, N. K. Belyayeva, (NY-4595).
RUSSIAN, per, Klin Med, Vol XLI, No 6, 1960, pp 19-24. *JPRS

Scientific
Medicine (Contd)

- The Action of Certain Physiologic Factors on the Vectorelectrocardiogram, by V. N. Tsvetkovskiy, (NY-4595).
RUSSIAN, per, Klin Med, Vol XLI, No 6, 1960, pp 41-44. *JPRS
- A Change in the Vectorelectrocardiogram in Hypertrophy of the Left Ventricle, by E. A. Kyandzhuntseva, V. I. Makolkin, (NY-4595).
RUSSIAN, per, Klin Med, Vol XLI, No 6, 1960, pp 45-50. *JPRS
- The Problem of the Use of the Vectorcardiographic Method in the Diagnosis of Acquired Virium Cordis, by V. S. Gasilin, Yu. P. Mironova, (NY-4595).
RUSSIAN, per, Klin Med, Vol XLI, No 6, 1960, pp 50-53. *JPRS
- The Vectorcardiogram in Myocardial Hypertrophy of the Left Ventricle, by M. I. Kechker, (NY-4595).
RUSSIAN, per, Klin Med, Vol XLI, No 6, 1960, pp 53-60. *JPRS
- Analysis of the Time Correlation in Direct Ballistocardiography Rate, by M. N. Tumanovskiy, Yu. D. Safonov, (NY-4595).
RUSSIAN, per, Klin Med, Vol XLI, No 6, 1960, pp 60-66. *JPRS
- Physiological Bases and Results of Therapy of Chronic Coronary Insufficiency With the Aid of Bilateral Ligation of the Internal Mammary Artery, by V. I. Kolesov, (NY-4595).
RUSSIAN, per, Klin Med, Vol XLI, No 6, 1960, pp 71-76. *JPRS
- Aortic Thrombosis in Atherosclerosis, by V. S. Smolenskiy, (NY-4595).
RUSSIAN, per, Klin Med, Vol XLI, No 6, 1960, pp 95-100. *JPRS
- Changes in the Lipid Content of the Blood in Patients With Hypertension Under Reserpine Therapy, by A. A. Kramer, (NY-4595).
RUSSIAN, per, Klin Med, Vol XLI, No 6, 1960, pp 104-107. *JPRS

Scientific
Medicine (Contd)

The New Czechoslovak Medical Technical Equipment at the International Fair in BRNO, by Ya. Zetek, 7 pp.

RUSSIAN, per, Medit Prom SSSR, Vol XIV, No 3, 1960, pp 56-60.

JPRS 2961

Abstracts of Various Issues of the Russian Newspaper "Meditinskiy Rabotnik," 11 pp.

RUSSIAN, np, Medit Rabot, No 16 (1868), 23 Feb 1960, No 17 (1869), 26 Feb 1960, No 18 (1870), 1 Mar 1960, No 19 (1871), 4 Mar 1960, No 20 (1872), 8 Mar 1960.

JPRS 3417

Selected Articles From "Medit Radiol," No 9, 1959, pp 13-17, 24-28, 65-90.

JPRS 2706

Selected Articles From "Medit Radiol," No 10, 1959, pp 17-46, 59-95.

JPRS 2707

Traumatology and Orthopedics in the Chinese People's Republic, by M. G. Grigor'yev, 7 pp.

RUSSIAN, per, Ortoped, Travmatol i Protez, Vol XXI, No 2, 1960, pp 76-79.

JPRS 3578

Ionizing Radiation and Problems of Bone Marrow Transplantation, by A. S. Shevelev, 28 pp.

RUSSIAN, per, Patolog Fiziol i Eksper Terapiya, Vol IV, No 1, 1960, pp 3-13.

JPRS 2926

Dynamics of the Leukocytic Reactions in Rabbits in Acute Radiation Sickness, by Ye. M. Dikovenko, 10 pp.

RUSSIAN, per, Patolog Fiziol i Eksper Terapiya, Vol IV, No 1, 1960, pp 20-24.

JPRS 2928

The Effect of Different Doses of X-Irradiation on the Corticosteroid Secretion in Rabbits, by V. M. Rodionov, L. O. Orlova, L. I. Tnul', 11 pp.

RUSSIAN, per, Patolog Fiziol i Eksper Terapiya, Vol IV, No 1, 1960, pp 24-28.

JPRS 2929

The Characteristics of the Local (Skin) Reaction in the Offspring of Irradiated Dogs, by A. P. Novikova, 12 pp.

RUSSIAN, per, Patolog Fiziol i Eksper Terapiya, Vol IV, No 1, 1960, pp 28-32.

JPRS 2930

Scientific
Medicine (Contd)

The Problem of the Mechanism of Action of
Pyridoxine (Vitamin B₆) in Acute Radiation
Injury, by Z. I. Kalmykova, 14 pp.
RUSSIAN, per, Patolog Fiziol i Eksper Terapiya,
Vol IV, No 1, 1960, pp 32-38.

JPRS 2931

Comparative Investigation of the Phagocytic
Reaction to Foreign Proteins and to Toxic-
Infectious Influences in Animals With Differ-
ent Types of Nervous System (Dogs and White
Rats), by L. I. Kryachko, 11 pp.
RUSSIAN, per, Patolog Fiziol i Eksper Terapiya,
Vol IV, No 1, 1960, pp 53-58.

JPRS 2933

Ionizing Radiations and the Human Organism, by
B. N. Tarusov, (DC-4202).
RUSSIAN, per, Priroda, Vol XLIX, No 3, 1960,
pp 33-38.

*JPRS

Protection of Plants From Ionizing Radiations,
by L. P. Breslavets, Z. F. Milesenko, (DC-4201).
RUSSIAN, per, Priroda, Vol XLIX, No 5, 1960,
pp 50-53.

*JPRS

The Important Problems of Biology, by S. M.
Gershenzon, I. P. Kok, (DC-4201).
RUSSIAN, per, Priroda, Vol XLIX, No 5, 1960,
pp 54-56.

*JPRS

Problems of Endocrinology at the Ninth All-
Union Congress of Physiologists, Biochemists,
and Pharmacologists, by A. A. Voytkovich,
24 pp.
RUSSIAN, per, Problemy Endokrinologii i
Gormonoterapii, Vol VI, No 2, 1960, pp 120-
125.

JPRS 5116

The Functional Condition of the Hypophysis
and Adrenal Cortex Under Stress in Young and
Old Rats, by I. A. Eskin, N. V. Mikhaylova, (NY 4571).
RUSSIAN, per, Problemy Endokrinologii i
Gormonoterapii, Vol VI, No 3, 1960, pp 3-8.

*JPRS

The Content of Adrenocorticotrophic Hormone
(ACTH) in the Adrenohypophyses of Control and Ir-
radiated Rats, by M. A. Larina, (NY-4571).
RUSSIAN, per, Problemy Endokrinologii i
Gormonoterapii, Vol VI, No 3, 1960, pp
18-21.

*JPRS

Scientific
Medicine (Contd)

The Role of the Hypophysis and Adrenals in the Regulation of Systolic Blood Pressure in Irradiated Rats, by A. A. Grafov, (NY-4571).

RUSSIAN, per, Problemy Endokrinologii i Gormonoterapii, Vol VI, No 3, 1960, pp 22-26.

*JPRS

The Effect of Ionizing Radiations on Adrenocorticotrophic Activity of the Peripheral Blood of Rats, by E. R. Bagramyan, (NY-4571).

RUSSIAN, per, Problemy Endokrinologii i Gormonoterapii, Vol VI, No 3, 1960, pp 27-31.

*JPRS

The Zinc Content in Some Objects of the External Environment and in Normal and Pathologically Altered Thyroid Glands, by M. M. Kovalev, (NY-4571).

RUSSIAN, per, Problemy Endokrinologii i Gormonoterapii, Vol VI, No 3, 1960, pp 52-61.

*JPRS

The Function of the Thyroid Gland in Diabetes Mellitus According to Data From Radioactive Iodine Indication and Basal Metabolism, by Z. I. Tsyukhno, (NY-4571).

RUSSIAN, per, Problemy Endokrinologii i Gormonoterapii, Vol VI, No 3, 1960, pp 86-90.

*JPRS

The Permeability of the Hemato-Encephalic Barrier and the Sorption Characteristics of Brain Tissue in Experimental Thyrotoxicosis, by N. F. Shaposhnikova, (NY-4571).

RUSSIAN, per, Problemy Endokrinologii i Gormonoterapii, Vol VI, No 3, 1960, pp 91-94.

*JPRS

The Function of the Adrenal Cortex in Women During the Period of Aging and Menopause, by V. G. Baranov, I. Yu. Podol'skaya, I. T. Rosovskaya, (NY-4571).

RUSSIAN, per, Problemy Endokrinologii i Gormonoterapii, Vol VI, No 3, 1960, pp 95-103.

*JPRS

Review of Textbook "A Course in Epidemiology," by I. F. Pichkur, 8 pp.
RUSSIAN, per, Sovet Zdravookhraneniye, Vol XIX, No 1, 1960, pp 83-87.

JPRS 3562

Scientific
Medicine (Contd.)

Study of the Antitoxic Properties of Antibiotics. I. The Detoxifying and Disintoxication Properties of Antibiotics Against Botulinus Toxin, by V. N. Derkach.

RUSSIAN, per, Trudy Nauchno-Issled Inst Vaksin i Syvorotok, No 23, 1956, pp 25-33.

*USDA

Study of the Antitoxic Properties of Antibiotics., II. Experiment of Combined Treatment With Antibiotics and Antibotulinus Serum of the Experimental Botulinus Intoxication, by V. N. Derkach. RUSSIAN, per, Trudy Nauchno-Issled Inst Vaksin i Syvorotok, No 23, 1956, pp 35-42.

*USDA

Some Problems of Modern Biochemistry in the USSR, by V. A. Engel'gardt, 40 pp. RUSSIAN, per, Uspekhi Khim, Vol XXVIII, No 9, 1959, pp 1011-1035.

JPRS 3534

Review of the Conference on Problems in Physiological Regeneration, by L. D. Liozner, V. N. Dobrokhotoy, 9 pp. RUSSIAN, per, Uspekhi Sovrem Biol, Vol XLVIII, No 2(5), 1959, pp 239-244.

JPRS 3452

Certain Philosophical Problems of Theoretical Medicine, by P. P. Bondarenko, 7 pp. RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XIV, No 7, 1959, pp 87-92.

JPRS 3516

Adaptation-Defense Mechanisms of the Body, by P. F. Zdrodovskiy, 19 pp. RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XV, No 2, 1960, pp 3-14.

JPRS 2989

On the Activities of the Academy of Medical Sciences USSR for the Period of 1957 -- 1959, by V. V. Parin, (NY-4487). RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XV, No 5, 1960, pp 8-22.

*JPRS

Scientific Conference in the Problem of New Antibacterial Antibiotics, by T. A. Uspenskaya, L. P. Ivanitskaya, (NY-4487). RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XV, No 5, 1960, pp 72-75.

*JPRS

Scientific
Medicine (Contd)

Surgical Symposium on Mitral Commissurotomy,
by B. M. Sergeyev, V. A. Kovanev, (NY-4487).
RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XV,
No 5, 1960, pp 75-81.

*JPRS

Ninth Scientific Session of the Institute of
Therapy, Academy of Medical Sciences USSR, by
G. Ye. Perchikova, (NY-4487).
RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XV,
No 5, 1960, pp 81-85.

*JPRS

Results of the Conference "Structure and
Function of Human Analyzers in Ontogenesis,
by E. N. Popova, N. S. Preobrazhenskaya, I. A.
Stankevich, (SF-1012).
RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XV,
No 6, 1960, pp 85-90.

*JPRS

The Fifth Pugwash Conference, 7 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXIX,
No 12, 1959, pp 37-41.

JPRS 2963

Valuable Work on Comparative Physiology, by
Ye. M. Kreps, 6 pp.
RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXIX,
No 12, 1959, pp 106-108.

JPRS 2964

Tenth Scientific Session of the Institute of
Surgery imeni A. V. Vishnevskiy of the Academy
of Medical Sciences USSR, by A. V. Afanas'yeva,
Z. Ya. Degtyareva, 11 pp.
RUSSIAN, per, Vest Khirurg imeni I. I. Grekova,
Vol LXXXIII, No 11, 1959, pp 135-139.

JPRS 2824

Investigation of Blood Serum Proteins by the
Method of Electrophoresis in Connection With
Gastric Resection and Blood Transfusion, by
S. D. Rolozhentsev, (NY-4570).
RUSSIAN, per, Vest Khirurg imeni I. I. Grekova,
Vol XXCIV, No 5, 1960, pp 60-63.

*JPRS

Aminorastin -- A New Solution for Parenteral
Protein Nutrition, by M. Ye. Denn, (NY-4570).
RUSSIAN, per, Vest Khirurg imeni I. I. Grekova,
Vol XXCIV, No 5, 1960, pp 64-67.

*JPRS

Scientific
Medicine (Contd)

Certain Properties of Muscle Relaxants,
by V. A. Kovanev, N. F. Mistakopulo, G. A.
Ryabov, V. P. Smol'nikov, (NY-4570).
RUSSIAN, per, Vest Khirurg imeni I. I. Grekova,
Vol XXCIV, No 5, 1960, pp 77-81.

*JPRS

Decurarization, by Yu. N. Shanin, (NY-4570).
RUSSIAN, per, Vest Khirurg imeni I. I. Grekova,
Vol XXCIV, No 5, 1960, pp 84-87.

*JPRS

Intratracheal Ether Anesthesia in Operations on
the Lungs During the Period of Radiation Sick-
ness, by A. D. Yarushevich, (NY-4570).
RUSSIAN, per, Vest Khirurg imeni I. I. Grekova,
Vol XXCIV, No 5, 1960, pp 87-92.

*JPRS

Dermoid Cyst of the Posterior Mediastinum, by
Yu. V. Astrozhnikov, (NY-4570).
RUSSIAN, per, Vest Khirurg imeni I. I. Grekova,
Vol XXCIV, No 5, 1960, pp 109-112.

*JPRS

Improvement of the Revolving Chair of the Gut-
Co-400 Installation, by I. A. Pereslegin, I. I.
Kornev, I. M. Parshin, 3 pp.
RUSSIAN, per, Vest Rentgenolog Radiolog, Vol
XXXV, No 1, 1960, pp 50, 51.

JPRS 2951

Protection Against Irradiation When Working
With Radioactive Capsules, by A. Ya. Berlov-
skiy, 6 pp.
RUSSIAN, per, Vest Rentgenolog Radiolog, Vol
XXXV, No 1, 1960, pp 51-54.

JPRS 2952

Protective Screens for Personnel Doing Research
Work With a Trochoscope and for the Protection
of Physicians Investigating the Osscoarticular
System, by I. B. Gurevich, 3 pp.
RUSSIAN, per, Vest Rentgenolog Radiolog, Vol
XXXV, No 1, 1960, pp 54, 55.

JPRS 2955

Conference for Exchanging Experience in Using
Solar Treatment Reflectors, by B. V. Petukhov,
(SF-1013).
RUSSIAN, per, Vop Kurortologii Fiz, i Lechebnoy
Fiz Kul'tury, Vol XXV, No 3, 1960, pp 281-283.

*JPRS

On the Role of Ribonucleic Acids in Protein
Synthesis, by F. B. Straub, 12 pp.
RUSSIAN, per, Voprosy Med Khim, Vol VI, No 2,
1960, pp 115-120.

JPRS 2958

Scientific
Medicine (Contd)

Grounds for and Methodology of the Total Removal of Neurinomas of the VIII Nerve, by B. G. Yeforov, G. P. Korniyanskiy, M. A. Nikitin, (NY-4572).

RUSSIAN, per, Voprosy Neyrokhirurgii, Vol XXIV, No 3, 1960, pp 3-13.

*JPRS

The Trend in Substantiation of the Diagnosis of Neuroectodermal Tumors of the Cerebrum, by M. Yu. Rapoport, (NY-4572).

RUSSIAN, per, Voprosy Neyrokhirurgii, Vol XXIV, No 3, 1960, pp 14-19.

*JPRS

The Multiplicity of Focal Symptoms in the Diagnosis of Brain Tumors, by Yu. V. Kovalov, (NY-4572).

RUSSIAN, per, Voprosy Neyrokhirurgii, Vol XXIV, No 3, 1960, pp 19-23.

*JPRS

The Clinical Picture and Diagnosis of Tumors of the Aqueduct of Sylvius, by O. S. Uspenskaya, (NY-4572).

RUSSIAN, per, Voprosy Neyrokhirurgii, Vol XXIV, No 3, 1960, pp 24-28.

*JPRS

The Diagnosis of Parieto-Callosal Brain Tumors, by L. O. Korst, (NY-4572).

RUSSIAN, per, Voprosy Neyrokhirurgii, Vol XXIV, No 3, 1960, pp 28-31.

*JPRS

The Physiological Role of N. Jugularis, N. Sympathici in the Innervation of the Intraorbital Muscles. Exophthalmia in Tumors of the Occipital Skull Fosa, by L. A. Koreysha, I. M. Irger, (NY-4572).

RUSSIAN, per, Voprosy Neyrokhirurgii, Vol XXIV, No 3, 1960, pp 31-37.

*JPRS

The Problem of the Genesis of Aneurisms and Angiomas of the Brain, by M. B. Kopylov, (NY-4572).

RUSSIAN, per, Voprosy Neyrokhirurgii, Vol XXIV, No 3, 1960, pp 37-44.

*JPRS

Changes in the Brain Stem in Neurinoma of the VIII Nerve, by S. M. Blinkov, (NY-4572).

RUSSIAN, per, Voprosy Neyrokhirurgii, Vol XXIV, No 3, 1960, pp 44-48.

*JPRS

Scientific
Medicine (Contd)

The Clinical Picture of Cystically-Degenerated Neuriomas of the VIII Nerve, by N. S. Blagoveshchenskaya, G. P. Kornianskiy, (NY-4572).
RUSSIAN, per, Voprosy Neyrokhirurgii, Vol XXIV, No 3, 1960, pp 48-52.

*JPRS

The Problem of Surgical Treatment of Peripheral Paralyzes of the Facial Nerve After Radical Removal of Neuriomas of the Acoustic Nerve, by V. S. Alekseyeva, (NY-4572).
RUSSIAN, per, Voprosy Neyrokhirurgii, Vol XXIV, No 3, 1960, pp 52-54.

*JPRS

Problems of the Pathogenesis of the External Form of Hydrocephaly in Children, by B. N. Klosovskiy, B. V. Lebedev, V. P. Purin, (NY-4572).
RUSSIAN, per, Voprosy Neyrokhirurgii, Vol XXIV, No 3, 1960, pp 54-57.

*JPRS

Transcaucasian Inter-Republic Scientific-Practical Conference on Problems of Nutritional Hygiene, by A. B. Arutyunov.
RUSSIAN, per, Voprosy Pitaniya, Vol XIX, No 2, 1960, pp 92-95.

JPRS 5015

Review of "Ucheniyye Zapiski Instituta Psikhologii USSR", (Scientific Notes of the Institute of Psychology of the Ukrainian SSR), by A. V. Zaporozhets, V. P. Zinchenko, 28 pp.
RUSSIAN, per, Voprosy Psikhologii, No 1, 1960, pp 165-172.

JPRS 5088

Application of Combined Aerosol Therapy in Respiratory Tract Disease, by G. E. Grigorenko, P. M. Koshkin.
RUSSIAN, per, Voyenno-Med Zhur, No 8, 1957, pp 83, 84.

*USDA

Protection of Food and Water From Contamination by Radioactive Particle (Element), by Polpolkovnits Varen Shev, 5 pp.
RUSSIAN, per, Voyennyye Znaniye, No 4, 1956.

ACSI H-6508

Scientific
Medicine (Contd)

The Prophylaxis and Therapy of Adhesions of the Abdominal Cavity With Homotransplantation of Preserved Peritoneum, by A. S. Kalugin, 5 pp.

RUSSIAN, per, Zdravookhraneniye Belorussii, Vol V, No 1, 1960, pp 15-17.

JPRS 3487

Arterial Suture in Acute Radiation Sickness, by A. M. Demetskiy, 5 pp.

RUSSIAN, per, Zdravookhraneniye Belorussii, Vol V, No 1, 1960, pp 23-25.

JPRS 3488

The Second Congress of Therapists of the Belorussian SSR, by S. Kamyshnikov, G. Klebanov, M. Piletskiy, 13 pp.

RUSSIAN, per, Zdravookhraneniye Belorussii, Vol V, No 1, 1960, pp 62-68.

JPRS 3490

Some Comparative Physiological Data on the Biological Reactions of the Brain, by L. G. Voronin, V. I. Gusel'nikov, 18 pp.

RUSSIAN, per, Zhur Vysshey Nerv Deyatel' imeni I. P. Pavlova, Vol IX, No 3, 1959, pp 398-408.

JPRS 2883

Use of Vitamin E for Desensitization in Pregnancy Complications Due to Rh-Incompatibility Between Mother and Fetus, by F. M. Alizade, G. A. Guseynov, G. S. Aleskerov, 5 pp.

AZERBAIJANI, per, Azerbaijan Tibb Zhurnali, Baku, No 2, 1960, pp 28-32.

JPRS 3411

Major Achievements in Chinese Pharmacology, by Chin Yin-ch'ang Sung Chen-yu, Hsu Yu-chun, 8 pp.

CHINESE, per, Chung-chi I-k'an, No 10, 1959, pp 16-18.

JPRS 3479

China's Progress and Achievements in Pathologic Morphology in the Past Decade, by Hu Cheng-hsiang, Yang Chien, (DC-4144).

CHINESE, per, Chung-hua Ping-li-hsueh Tsa-chih, No 3, 1959, pp 127-134.

*JPRS

China's Progress and Achievements in Pathophysiology, by Liu Yung, Hua Kuang, (DC-4144).

CHINESE, per, Chung-hua Ping-li-hsueh Tsa-chih, No 3, 1959, pp 136-138.

*JPRS

Scientific
Medicine (Contd)

China's Progress and Achievements in
Experimental Oncology Since the Found-
ing of the State, by Yang Chien, Li Ming-
hsin, Wang Heng-wen, (PC-4144).

CHINESE, per, Chung-hua Ping-li-hsueh
Tsa-chih, No 3, 1959, pp 169-174.

*JPRS

New China's Achievements in Anesthesiology,
by Shang Te-yen, Hsieh Jung, 25 pp.

CHINESE, per, Chung-hua Wai-k'o Tsa-chih,
Vol VII, No 9, 1959, pp 848-855.

JPRS 2895

New China's Achievements in Basic Surgery,
by Sheng Chih-yung, Lu Wei-shan, Hsu
Tien-i, 21 pp.

CHINESE, per, Chung-hua Wai-k'o Tsa-chih,
Vol VII, No 9, 1959, pp 894-899.

JPRS 2895

Domestic Dextran -- Preliminary Report on
Its Surgical Use, by Hsiao Hsing-fu, T'ung
Yung-sheng, 12 pp.

CHINESE, per, Chung-hua Wai-k'o Tsa-chih,
Vol VII, No 9, 1959, pp 928-931.

JPRS 2895

Network of Medical and Health Services for
Communes in Fei-hsi I-sieh, Anhwei Province,
13 pp.

CHINESE, per, Jen-min Pao-chieh, Vol I, No 1,
1959, pp 79-81.

JPRS 5045

Insure the Health of Commune Members and
Serve the Great Leap Forward in Production,
by Yang Kuei-Shan, 22 pp.

CHINESE, per, Jen-min Pao-chieh, Vol I, No 1,
1959, pp 82-85.

JPRS 5045

A Preliminary Report on the Health Organiza-
tion and Work of Hsin-li Ts'un Commune in
Ho-tung Ch'u, 25 pp.

CHINESE, per, Jen-min Pao-chieh, Vol I, No 3,
1959, pp 272-275.

JPRS 5045

Scientific
Medicine (Contd)

A Draft Plan for the Sanitation and Health Organization of Hsin-li Ts'un Brigade, 10 pp.

CHINESE, per, Jen-min Pao-chien, Vol I, No 3, 1959, pp 276, 277.

JPRS 5045

A Study on Health Conditions in Workers' Residential Area in Jih-hui Hsin-ts'un, Shanghai, by Chin P'ei-huan, Hsueh Chi-jen, 23 pp.

CHINESE, per, Jen-min Pao-chien, Vol I, No 3, 1959, pp 281-287.

JPRS 5046

The Public Health System and Network of Hung-ch'i Commune, Yu-hsien, Honan, 13 pp.

CHINESE, per, Jen-min Pao-chien, Vol I, No 4, 1959, pp 373-375.

JPRS 5045

How Is Free Medical Service Realized by Wei-hsing Commune, Sui-p'ing, 4 pp.

CHINESE, per, Jen-min Pao-chien, Vol I, No 5, 1959, p 472.

JPRS 5045

Draft Plan for Strengthening the Sanitation and Health Network of Wei-hsing Commune, Sui-p'ing, 9 pp.

CHINESE, per, Jen-min Pao-chien, Vol I, No 5, 1959, pp 473, 474.

JPRS 5045

New China's Research Achievements in Nutrition in the Past Decade, by Wang Ch'eng-fa, Fang Yun-chung, Lu I, 40 pp.

CHINESE, per, Jen-min Pao-chien, Vol I, No 10, 1959, pp 907-916.

JPRS 2968

China's Achievements in Pharmaceutical Chemistry, by Liu Wei-ch'in, Meng Mu-ti, Liang Hsiao-t'ien, Shen Chia-hsiang, Ch'en Hsin-lien, 6 pp.

CHINESE, per, Yao-hsueh T'ung-pao, Vol VII, No 9, 1959, pp 442-444.

JPRS 3479

Scientific
Medicine (Contd)

China's Achievements in Antibiotics
Research and Production, by Chang
Wei-shen, 8 pp.

CHINESE, per, Yao-hsueh T'ung-pao,
Vol VII, No 9, 1959, pp 446-448.

JPRS 3479

Achievements of the Pharmacological
Society of China, 8 pp.

CHINESE, per, Yao-hsueh T'ung-pao,
Vol VII, No 10, 1959, pp 489-491.

JPRS 3479

China's Achievements in the Field of
Pharmacy, by Ho Mao-chih, Wang Hung-
ch'en, 14 pp.

CHINESE, per, Yao-hsueh T'ung-pao,
Vol VII, No 10, 1959, pp 492-496.

JPRS 3479

Success of Ljubljana Surgeons, Arti-
ficial Kidney Saving Lives.

CROATIAN, np, Politika, 11 Jan 1960.

ID 2137654

Tasks of the Czechoslovak Public Health
Service in the Third Five-Year Plan, by
Josef Plojhar, 16 pp.

CZECH, per, Ceskoslovenske Zdravotnictvi,
Vol VIII, No 1, 1960, pp 1-10.

JPRS 3560

A Study of the Depth of the Anterior
Chamber (Variations of a Physiological
Nature During Ametropia), by Calmettes,
Deodati, Huron, Bechac.

FRENCH, per, Archives d'Ophthalmologie,
Vol XVIII, No 5, pp 513-542.

*ATIC MCL-695/III

Development of Therapeutic and Preventa-
tive Supplies in the Past 15 Years, by
Denes Dubovitz, (DC-4183).

HUNGARIAN, per, Nepegeszsegugy, Vol XLIV,
No 5, 1960, pp 118-131.

*JPRS

Development in the Material Status of
Public Health During the Past 15 Years,
by Laszlo Cserba, (DC-4183).

HUNGARIAN, per, Nepegeszsegugy, Vol XLIV,
No 5, 1960, pp 140-142.

*JPRS

Scientific
Medicine (Contd)

Preparation of Orally Administered Medicaments With Predictable Retarded Effect, by G. Micciche, 16 pp.

ITALIAN, per, Bolletino Chimico Farmaceutico, Vol XCIV, 1955, pp 485-493.

Patent Office

Ultra High Frequency's Effect on Animals.

JAPANESE, per, Dempa Nippon, Vol XLII, No 1, 1947, pp 25-27.

USACRAPAC, PD
102093

Food From Body Waste for Space Travel.

JAPANESE, per, Shukan Koron, 31 May 1960, pp 31-33.

USACRAPAC, PD
102001

The Stereotaxic Method as an Experimental Procedure for Studying Brain Activity, by A. Ya. Mohylev'kyi, 28 pp.

UKRAINIAN, per, Fiziol Zhur, Vol VI, No 1, 1960, pp 3-20.

JPRS 5038

Electroencephalography of Healthy and Sick Children, by Ye. S. Stal'nenko, O. M. Luk'yanova, G. M. Khvul', 9 pp.

UKRAINIAN, per, Fiziol Zhur, Vol VI, No 1, 1960, pp 44-49.

JPRS 5039

On the Effect of Ultrasonic Vibrations on the Blood, by M. I. Gurevich, M. G. Sirotina, 8 pp.

UKRAINIAN, per, Fiziol Zhur, Vol VI, No 1, 1960, pp 73-77.

JPRS 5040

Biological Aspect of the Study of Nervous System Types, by D. F. Pletsityi, (DC-4213).

UKRAINIAN, per, Fiz Zhur Ak Nauk Ukrains'koi RSR, Vol VI, No 3, 1960, pp 293-320.

*JPRS

Basic Metabolism in the Senile Before and After the Action of Therapeutic Measures, by T. A. Dzgoieva, (DC-4213).

UKRAINIAN, per, Fiz Zhur Ak Nauk Ukrains'koi RSR, Vol VI, No 3, 1960, pp 372-376.

*JPRS

Scientific
Medicine (Contd)

Study of Age Peculiarities of the Regenerative Capacity of Tissues in Explants, by L. I. Barchenko, (DC-4213).

UKRAINIAN, per, Fiz Zhur Ak Nauk Ukrains'koi RSR, Vol VI, No 3, 1960, pp 373-381.

*JPRS

Interceptive Reflexes of the Dog Urinary Bladder During the Development of Induced Tumours in Them, by A. N. Gorevaya, (DC-4213).

UKRAINIAN, per, Fiz Zhur Ak Nauk Ukrains'koi RSR, Vol VI, No 3, 1960, pp 391-397.

*JPRS

Electron Microscopic Investigation of the Kidneys in Acute Radiation Sickness Caused by Radioactive Strontium, by A. A. Gorodetskiy, O. A. Khomutovskiy, T. N. Oleynikova, V. V. Andryushchenko, (DC-4213).

UKRAINIAN, per, Fiz Zhur Ak Nauk Ukrains'koi RSR, Vol VI, No 3, 1960, pp 405-413.

*JPRS

Scientific
Minerals/Metals

Investigating Alloys of Nonferrous Metals,
Collection No 2.

RUSSIAN, bk, Issledovaniye Splavov Tsvetnykh
Metallov, Sbornik 2, 1960, 26 pp.

*ATIC MCL-688/III

The Problem of Alloying α - Iron Base Heat-
Resistant Steel, by N. T. Gudtsov, A. B. Oleg,
et al.

RUSSIAN, bk, K Voprosu O Legirovani Teplo-
stoychivoy Na Osnove α -Zheleza, Moscow, 1959,
69 pp.

*ATIC MCL-682/III

Soft Magnetic Materials in Powder Metallurgy,
by O. O. Chekhova.

RUSSIAN, bk, Magnitnom'yaki Metalorkeramichni
Materiali, USSR (Ukr), 1959, 32 pp.

*ATIC MCL-683/III

On the Nature of Slip Lines Visible Under the
Microscope, by A. A. Bochvar, Yu. A. Preobra-
zhenskaya.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 3,
1957, pp 564-566.

HB 4410

Method of Designing Solar Thermoelectric Genera-
tors, by V. A. Baum, A. S. Ikhotin.

RUSSIAN, per, Inzherno Fiz Zhur, Vol II, No 11,
1959, pp 29-34. 9049883

DSI 593

Failure of Castings Caused by Shrinkage Stresses
During Crystallization, as Related to Composition,
by A. A. Bochvar, Z. A. Sviderskaya.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 3, 1947, pp 349-355.

HB 4806

Determination of Composition of Oxidizing Slags
in Electric Arc Furnaces, Based on Calculated
Data, by A. M. Samarin, A. Yu. Polyakov, L. A.
Shvartsman.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 12, 1947, pp 1639-1648.

HB 4681

Scientific
Minerals/Metals (Contd)

- An Investigation of the Contamination of Converter Steel With Top Blowing, by V. I. Baptizanskiy.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 11, 1959, p 31. *HB 4830
- Corrosion Resistance of Austenitic Steels, Worked at Subzero Temperatures, by N. N. Lyulicheva, N. V. Pisareva.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 2, 1960, pp 78-80. HB 4843
- Surface Impregnation of Steel With Titanium in Molten Salts, by A. N. Minkevich, A. Gvozdev.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 2, 1960, pp 151-156. HB 4842
- Problem Concerning the K-Condition in Nickel-Chromium Alloys, by A. V. Progrushchenko, G. Ya. Chetverkina.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 3, 1960, pp 106-109. *ATIC MCL-692/III
- Hardenability of Columbium-Alloyed Steel, by M. P. Braun, B. B. Vinokur, V. A. Kamalov.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 3, 1960, pp 140-145. HB 4841
- Investigation of Metal Flow During Upsetting With Backing Rings by Means of the Principles of Variations, by I. Ya. Tarnovskiy, O. A. Ganago, R. A. Vaysburd, (DC-4192).
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 5, 1960, pp 55-60. *JPRS
- Forward Flow at the Boundary of the Zone of Deformation, by M. N. Potoskuyev, (DC-4192).
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 5, 1960, pp 61-67. *JPRS
- Concerning the Horizontal Velocities of Metal During Drawing, by I. K. Suvorov, (DC-4192).
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 5, 1960, pp 68-71. *JPRS

Scientific
Minerals/Metals (Contd)

Evaluation of the Factors Determining the Change in Diffusion Mobility During Deformation, by B. S. Bokshteyn, T. I. Gubkova, (DC-4192). RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 5, 1960, pp 108-114.

*JPRS

Investigation of Changes in the Fine Intragranular Structure of a Complex Cobalt-Base Alloy (K4ONKhM) During Plastic Deformation and Annealing, by Yu. A. Shakov, Ya. S. Umanskiy, (DC-4192). RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal, No 5, 1960, pp 150-158.

*JPRS

The Effect of the Dispersion of CuAl_2 Inclusion on the Temperature-Velocity Rate of the Mechanical Properties of Duralumin, by K. V. Savitskiy, M. P. Zagrebennikova. RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Fiz, No 6, 1959, pp 14-20.

*ATIC MCL-690/III

The Effect of Remote and Close Order on the Deformation of Cu_3Au Alloy During Different Rates of Plastic Elongation, by L. I. Vasil'yev, Ehen Khun-i, et al. RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Fiz, No 6, 1959, pp 48-60.

*ATIC MCL-690/III

The Effect of Ternary Intermetallic Compounds on the Heat Resistance of Deformed Aluminum Alloys, by B. K. Vul'f, M. N. Chernov, 10 pp. RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvet Metall, No 2, 1960, pp 147-152.

JPRS 2953

Production of Metallic Potassium by the Vacuum-Thermic Method, by A. Yu. Tayts, V. M. Chel'tsov, 10 pp. RUSSIAN, per, Khim Prom, No 5, 1959, pp 404-408.

JPRS 3517

Carbon Elimination and Mixing in Steel Baths Treated With Oxygen, by E. V. Chelishchev. RUSSIAN, per, Kislород, Vol XI, No 3, 1958, pp 11-18.

HB 4459

Behavior of Coke at High Temperatures, by A. S. Bruk, R. E. Leibovich. RUSSIAN, per, Koks i Khim, Vol XXVII, No 3, 1957, pp 24-29.

HB 4810

Scientific
Minerals/Metals (Contd)

Making Shell Molds by Chemical Curing,
by E. Yu. Feigal'son.
RUSSIAN, per, Lit Proiz. No 2, 1956, pp
3-5.

HB 4114

Introduction, by V. S. Yemel'yanov, A. I.
Yevstyukhin, 2 pp.
RUSSIAN, per, Metallurgiya i Metallovedeniye
Chistykh Metallov, No 1, 1959, pp 5, 6.

JPRS 2920

Investigation of the Electrolytic Production
of Thorium, by A. I. Yevstyukhin, V. S.
Yemel'yanov, G. A. Leont'yev, 34 pp.
RUSSIAN, per, Metallurgiya i Metallovedeniye
Chistykh Metallov, No 1, 1959, pp 7-35.

JPRS 2920

Design of an Electrolyzer With Automatic Com-
pacting Cathodes for Electrolysis of Fused
Thorium Salts, by A. I. Yevstyukhin, G. A.
Leont'yev, 9 pp.
RUSSIAN, per, Metallurgiya i Metallovedeniye
Chistykh Metallov, No 1, 1959, pp 36-43.

JPRS 2920

An Improved Method of Preparing Iodide Chro-
mium and Its Properties, by V. S. Yemel'yanov,
A. I. Yevstyukhin, D. D. Abanin, V. I. Stat-
senko, 23 pp.
RUSSIAN, per, Metallurgiya i Metallovedeniye
Chistykh Metallov, No 1, 1959, pp 44-62.

JPRS 2950

Production and the Physical Metallurgy of
Pure Metals -- Part IV -- Investigation of the
Process of Thermal Reduction of BeF_2 With
Magnesium, by A. I. Yevstyukhin, 17 pp.
RUSSIAN, per, Metallurgiya i Metallovedeniye
Chistykh Metallov, No 1, 1959, pp 91-105.

JPRS 2901

Effect of Isothermal Heat Treatment on Fatigue
Strength and Wear Resistance of Steel, by
M. B. Shapiro.
RUSSIAN, per, Metal i Obrab Metallov, No 3,
1957, pp 57-60.

HB 4202

(a) Analysis of Operational Cycles of Auto-
mated Circular-Grinding Machines, by L. V.
Khudobin, Ye. Fragin; (b) Stresses and
Forces in the Cutting of Metals, by S. A.
Rubinshteyn.
RUSSIAN, per, Nauch Dok Vyshey Shkoly, Ser
Mash i Prib, No 4, 1958, pp 134-143, 170-180.
9049885

DSI 600

Scientific
Minerals/Metals (Contd)

Production of Steel From Basic Iron in Converter by Oxygen Top Blowing, by S. G. Afanas'yev.

RUSSIAN, per, Primenenie Kisloroda v Metallurgii, Moscow, 1957, pp 31-40.

HB 4328

Effect of Melting Temperature and Practice Upon Nonmetallic Inclusions in Bearing Steel, by E. S. Kalinnikov, A. M. Samarin. RUSSIAN, per, Proiz Stal, Moscow, 1956, pp 290-297.

HB 4209

Electrolytic Polishing of Stainless-Steel Tubing, by N. V. Bogoyavlenskaya, G. N. Bogrets.

RUSSIAN, per, Stal, Vol XV, No 5, 1955, pp 449-454.

HB 3669

Heat Treatment of Welded [Carbon and High-Speed] Tools, by E. I. Malinkina.

RUSSIAN, per, Stanki i Instrument, Vol XXVI, No 7, 1955, pp 28, 29.

HB 3725

Attainability of Equilibrium in Welding, Studied With Radioisotopes, by B. I. Bruk, S. F. Yur'yev.

RUSSIAN, per, Svarochnoy Proiz, No 3, 1956, pp 1-4.

HB 4840

Fundamental Correlations Concerning the Transfer of Alloying Elements From Electrode Into Weld in the Arc Welding and Facing of Steel, by A. A. Erokhin.

RUSSIAN, per, Svarochnoy Proiz, No 4, 1956, pp 4-12.

HB 3823

Investigation of the Nature of the Manganous Phase of Certain Magnesium Base Alloys, by M. Ye. Drits, Z. A. Sviderskaya, L. L. Rokhlin, (NY-4561).

RUSSIAN, per, Trudy Inst Met imeni A. A. Baykova Ak Nauk SSSR, Vypusk V, Met, Metalloved, Fiz-Khim Metody Issledov, No 5, 1960, pp 85-94.

*JPRS

Scientific
Minerals/Metals (Contd)

Effect of Cold Working on the Properties of Aluminum-Copper and Aluminum-Copper-Magnesium Alloys Aged Under Various Conditions, by Z. A. Svidrskaya, A. A. Vashchenko, (NY-4561). RUSSIAN, per, Trudy Inst Met imeni A. A. Baykova Ak Nauk SSSR, Vypusk V, Met, Metalloved, Fiz-Khim Metody Issledov, No 5, 1960, pp 95-99.

*JPRS

Investigation of the Heat Resistance of Alloys of Platinum With Rhodium, Iridium, Ruthenium, Chromium and Aluminum by the Bend Test Method, by I. I. Bernilov, R. S. Polyakova, (NY-4561). RUSSIAN, per, Trudy Inst Met imeni A. A. Baykova Ak Nauk SSSR, Vypusk V, Met, Metalloved, Fiz-Khim Metody Issledov, No 5, 1960, pp 139-144.

*JPRS

Fusibility Diagram of the Ti-Cr-Mo System, by N. V. Grum-Grzhimaylo, V. G. Gromova, (NY-4561). RUSSIAN, per, Trudy Inst Met imeni A. A. Baykova Ak Nauk SSSR, Vypusk V, Met, Metalloved, Fiz-Khim Metody Issledov, No 5, 1960, pp 145-150.

*JPRS

Physicochemical Investigation of the SiC-B₄C Section of the Si-B-C System, by A. A. Kalinina, F. I. Shamray, (NY-4561). RUSSIAN, per, Trudy Inst Met imeni A. A. Baykova Ak Nauk SSSR, Vypusk V, Met, Metalloved, Fiz-Khim Metody Issledov, No 5, 1960, pp 151-155

*JPRS

Investigation of the Structure and Physico-chemical Properties of Alloys of Molybdenum Disilicide With Nickel, Cobalt, Vanadium and Niobium, by Ye. V. Savitskiy, V. V. Baron, (NY-4561). RUSSIAN, per, Trudy Inst Met imeni A. A. Baykova Ak Nauk SSSR, Vypusk V, Met, Metalloved, Fiz-Khim Metody Issledov, No 5, 1960, pp 156-161.

*JPRS

Phase Diagram of the V-La System, by Ye. M. Savitskiy, V. V. Baron, Yu. V. Yefimov, (NY-4561). RUSSIAN, per, Trudy Inst Met imeni A. A. Baykova Ak Nauk SSSR, Vypusk V, Met, Metalloved, Fiz-Khim Metody Issledov, No 5, 1960, pp 166-173.

*JPRS

Scientific
Minerals/Metals (Contd)

Principal Methods and Apparatus for Investigating Oxidation Processes in Metals and Alloys, by D. V. Ignatov, (NY-4561).

RUSSIAN, per, Trudy Inst Met imeni A. A. Baykova Ak Nauk SSSR, Vypusk V, Met, Metalloved, Fiz-Khim Metody Issledov, No 5, 1960, pp 202-237.

*JPRS

Ukrainian Republic Conference on the Theory of Metals and Alloys, by V. M. Danilenko, M. A. Krivoglaз, L. N. Larikov, A. A. Smirnov, 19 pp. RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXX, No 1, 1960, pp 191-198.

JPRS 2904

[Porous] Chromium Plating of Nodular-Iron Piston Rings, by N. A. Solov'yev. RUSSIAN, per, Vest Mash, Vol XXXV, No 7, 1955, pp 75-77.

HB 3714

Mechanical Properties of Steel After Surface Impregnation With Chromium, by G. N. Dubinin. RUSSIAN, per, Vest Mash, Vol XXXVI, No 10, 1956, pp 56-58.

HB 4296

Apparatus for Accurate Measurement of the Electrical Resistance of Metals and Alloys at High Temperatures in Vacuum, by S. D. Gertsriken, A. V. Progrushchenko. RUSSIAN, per, Zavod Lab, Vol XXIII, No 8, 1957, pp 974, 975.

HB 4845

Device for Taking Liquid Steel Samples From Furnaces, by E. V. Chelishchev, O. D. Zorin. RUSSIAN, Patent 106,258, 20 Dec 1955.

HB 4837

The Effect of the Method of Deoxidation on the Nature of the Non-Metallic Inclusions and Mechanical Properties of Steel, by M. Mandl, et al. CZECH, per, Hutnicke Listy, No 2, Prague, 1960, pp 109-119.

BISI 1668

Determination of Tin and Antimony in Steel, by L. Brhacek. CZECH, per, Hutnicke Listy, No 2, Prague, 1957, pp 140, 141.

BISI 1715

Scientific
Minerals/Metals (Cont'd)

Weldability of Thirteen Percent Cr Steels
Used For Castings, by V. Pilous, F. Jandos.
CZECH, per, Slevarenstvi, May 1959, pp 191-
194.

BISI 1585

Review of Properties and Behavior of Iron
Oxide Aerosols [With Special Reference to
Formation and Precipitation of Brown Fumes],
by R. Meldau.
GERMAN, per, Archiv Eisenhüttenwesen, Vol XXVII,
No 11, 1956, pp 673-679.

HB 4832

Rapid Analysis of Ores and Related Materials,
by A. Neuberger, E. Schoffmann, K. Herkendorff.
GERMAN, per, Archiv Eisenhüttenwesen, Vol XXXI,
No 2, 1960, pp 91-96.

HB 4801

Investigations Into the Recrystallization Be-
haviour of an Austenitic Chromium-Nickel Steel,
With Special Emphasis on Annealing Time, by
H. Borchers, et al.
GERMAN, per, Archiv Eisenhüttenwesen, No 4,
1960, pp 237-242.

*BISI 1768

On the Relationship Between Mechanical Properties
and Transformation Structures of Steel Wire, by
H. Schlacher, Jr.
GERMAN, per, Berg und Hüttenmannische Monatshefte,
Vol C, No 5, 1955, pp 166-170.

HB 3701

The Question of Cutting Temperature During Cut-
ting, by W. Lehwald.
GERMAN, per, Industrie-Anzeiger, 4 Aug 1959,
pp 27-30.

*BISI 1763

New Results in Sintering of Iron Ores With
Blast Furnace Gas as Supplementary Fuel, by
J. Holzhey.
GERMAN, per, Neue Huette, No 3, 1960, pp 143-
148.

*HB 4831

Isolation and Determination of Oxide Inclusions
in High Chromium Steels and Experimental Iso-
lation of Oxides in 18/8 Steels, by E. Piper,
et al.
GERMAN, per, Radex Rundschau, Mar 1957, pp 776-
778.

BISI 1596

Scientific
Minerals/Metals (Contd)

Lining of Arc and Open-Hearth Furnaces With
Pre-Formed Dead-Burned Dolomite Blocks.

GERMAN, per, Stahl und Eisen, Vol LXXVI,
No 1, 1956, pp 41-44.

HB 3795

Reduction Kinetics of Iron Ores by Hydrogen
and Hydrogen + Methane Mixtures, by B.
Ilschner.

GERMAN, per, Technische Mitteilungen Krupp,
Vol XVII, No 6, 1959, pp 318-329.

HB 4807

Investigations on Cement and Concrete With
Exo-Electrons After Exposure to X-Rays, by
J. Kramer.

GERMAN, per, Zement-Kalk-Gips, No 3, 1960,
pp 111-118.

BISI 1707

Measurement of Interstitial Carbon and
Nitrogen Contents and the Strain Amplitude
Dependence of Internal Friction in Commer-
cial Steels, by K. Aoki, et al.

JAPANESE, per, Nippon Kinzoku Gakkai-Si,
Dec 1959, pp 696-698.

*BISI 1755

Internal Friction in Quench-Hardened Low-
Carbon Steel and Cold-Worked Iron, by T.
Ichiyama, et al.

JAPANESE, per, Nippon Kinzoku Gakkai-Si,
Dec 1959, pp 717-721.

*BISI 1756

Study on the Hot-Workability of Steels. V.
Hot Working Properties of Austenitic Stain-
less Steels, by T. Morishima.

JAPANESE, per, Tetsu to Hagane, Sep 1956,
pp 928-930.

BISI 1665

Effect of Vacuum Degassing on Steel Quality,
Comparison Between Vacuum Degassed and Con-
ventionally Poured Steels II, by T. Suzuki,
T. Asakuma.

JAPANESE, per, Tetsu to Hagane, Vol XLV, No 10,
1959, pp 1145-1151.

HB 4774

Rolling and Heat Treating of Textured Trans-
former Sheet, by A. G. Petrenko.

POLISH, per, Hutnik, Vol XXIV, No 7/8, 1957,
pp 277-282.

HB 4145

Scientific
Minerals/Metals (Contd)

**Isothermal Transformation Diagrams for Four
Swedish Standardized Spring Steels, by
G. Molinder.**

SWEDISH, per, Jernkont Tekh Rad, No 248,
1958, pp 155-164.

BISI 1602

**Isothermal Transformation Diagrams for Some
Swedish Standardized Tempering Steels, by
G. Molinder.**

SWEDISH, per, Jernkont Tekh Rad, No 255,
1959, pp 405-430.

BISI 1603

Scientific
Nuclear Physics

Transactions of the Radium Institute
Named for V. G. Khlopin.
RUSSIAN, bk, Trudy Radiovogo Instituta
imeni V. G. Khlopina, Vol V, Part 2,
1957, 291 pp.

*AEC

Heat Treatment of Uranium, by G. Ya.
Sergeyev, V. V. Titova, Z. P. Nikolayeva,
A. M. Kapitel'tsev, 13 pp.
RUSSIAN, per, Atom Energ, Vol VIII, No 4,
1960, pp 340-347.

JPRS 3462

Investigation of Increased Internal
Friction in Polycrystalline Uranium
Specimens in the Presence of Tempera-
ture Changes, by Yu. N. Sokurskiy, Yu. V.
Bobkov, 11 pp.
RUSSIAN, per, Atom Energ, Vol VIII, No 4,
1960, pp 348-353.

JPRS 3461

Simplified Method of Thermal Calculation
for a Reactor Using Pressurized Water, by
L. N. Muchnik, 6 pp.
RUSSIAN, per, Inzhnerno-Fiz Zhur, Vol II,
No 12, 1959, pp 105-109.

JPRS 3590

Separation Factors of Boron Isotopes in
the Equilibrium Vaporization of BF₃, by
N. N. Sevryugova, O. V. Uvarov, N. M.
Zhavoronkov, (NY-4587).
RUSSIAN, per, Zhur Fiz Khim, No 5, 1960,
pp 1004-1008.

*JPRS

Mutagenic Effects of the Decay of Radio-
active Phosphorus Incorporated in Cells of
Escherichia Coli, by F. Kaudewitz, H.
Friedrich-Freska.
GERMAN, per, Z Naturforsch, Vol XIIIb, 1958,
pp 793-802.

*AEC

Properties of Cold Drawn Uranium Rods, (II).
Some Characteristics of Thermal Cycling
Growth of As-Worked Specimens, by K. Soeno.
JAPANESE, per, Journal of the Atomic Energy
Society of Japan, Vol II, No 5, pp 260-265.

*AEC

Scientific
Nuclear Physics (Contd)

Separation of Isotope Mixture by Nozzle
Process, by H. Mikami, Y. Oyama.
JAPANESE, per, Journal of the Atomic
Energy Society of Japan, Vol II, No 5,
pp 291-295.

*AEC

One Year of WWR-S Reactor Exploitation in
Poland, by J. Aleksandrovich, (NY-4493).
POLISH, per, Nukleonika, Vol V, No 1/2,
1960, pp 1-21

*JPRS

The First Large Cyclotron in Poland, by
H. Niewodniczanski, J. Sakrzewski,
(NY-4489).
POLISH, per, Nukleonika Supplement I,
Vol V, No 1/2, 1960, pp 3-24.

*JPRS

Scientific
Physics

Physics and Solids, Collection of Articles.
RUSSIAN, bk, Fizika Tverdogo Tela, Sbornik Statey I, II, 1959, pp 293-328.

*ATIC

Pulse Measurement of the Spectrum of Light Ions in the Atmosphere, by L. R. Tsvang.

RUSSIAN, bk, Mezhevdomstvennaya Konferentsiya po Voprosam Issledovaniya Oblakov, Osadkov i Grozovogo Elektrichestva, 5th, Leningrad, 1956, pp 173, 174.

Navy 2579/
NRL 794

Some Theories of Vibrations With "Self-Damping" and Their Evaluation From the Point of View of Experimental Data, by S. Ye. Dmitriyevskiy.

RUSSIAN, bk, Nekotoryye Teorii Kolebaniy s "Sobstvennym Zatushaniyem" i Ikh Otsenka s Tochkii Zreniya Opytnykh Dannyykh, USSR, 1957, 83 pp.

*ATIC MCL-684/III

The Joint Institute of Nuclear Research at Dubna, by A. M. Ryzhov, 40 pp.

RUSSIAN, monograph, Ob'yedinennyy Institut Yadernykh Issledovaniy v Gorode Dubna, 1958, pp 3-33.

JPRS 2819

Principles of the Theory of Metal Working by Pressure, by S. I. Gubkin, B. P. Zvorono, et al.

RUSSIAN, bk, Osnovy Teorii Obrabotki Metallov Davleniyem, Moscow, 1959, pp 5-62, 148-269, 297-368, 515-529.

*ATIC MCL-694/V

Polymerization of Ethylene Under the Influence of Gamma-Radiation by S. S. Medvedev, A. D. Abkin, P. M. Knomikovskiy, 22 pp.

RUSSIAN, bk, Polimerizatsiya Etilena pod Vliyaniem Gamma-Izlucheni, 8-12 Sep 1959.

AEC Tr-3894

Scientific
Physics (Contd)

Effect of a Surface-Active Medium on
Boundary Friction and Wear, by P. A.
Rebinder, G. I. Yepifanov, 18 pp.
RUSSIAN, rpt, Sbornik Razvitiye Teorii
Treniya i Iznashivaniya.

ACSI H-4529
ID 2144844

Polymerization of 3-Methylbutene-1, by
T. I. Ivanova, B. A. Krentsel', N. A.
Potkatilo.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 4, 1959, pp 799-801.

USASIA: SC-115/60

Temperature Measurement of the Detonation
Front of Explosives, by I. M. Voskoboynikov,
A. Ya. Apin, (NY-4492).
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,
No 4, 1960, pp 804-806.

*JPRS

A Study of Reactive Diffusion in "Metal-Gas"
Systems, by V. I. Arkharov, V. N. Konev.
RUSSIAN, per, Fiz Metal i Metall, Vol IX,
No 2, 1960, pp 212-215.

*ATTC MCL-685/III

Some Properties of Alloys of the System
InAs-In₂Se₃, by L. I. Berger, N. N. Sirota.
RUSSIAN, per, Inzhereno-Fiz Zhur, Vol II,
No 11, 1959, pp 102-105. 9049884

DSI Tr-594

Solution of Some Problems on the Motion of
Air Taking Into Consideration Dissociation
and Ionization, by S. S. Kvashnina, V. P.
Korobeynikov, (NY-4515).
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Mekh i Mash, No 2, 1960, pp 34-41.

*JPRS

On Controlling the Angular Motion of a
Body With the Aid of Rotors, by M. A.
Litvin-Sedoy, (NY-4515).
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Mekh i Mash, No 2, pp 135-138.

*JPRS

On the Propagation of Small Disturbances
in a Flat Nozzle, by Z. N. Kiseleva, (NY-
4515).
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Mekh i Mash, No 2, pp 141-144.

*JPRS

Scientific
Physics (Contd)

Shock Waves in Solids, by L. P. Orlenko,
K. P. Stanyukovich, 17 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Fiz, No 6, 1958, pp 14-24.

JPRS 5022

Conference on Electron Accelerations,
by V. N. Timov, 11 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved
Fiz, No 1, 1960, pp 241-243.

JPRS 5063

Problem of Frontogenesis Dynamics, by V. D.
Kaznacheyeva, 26 pp.
RUSSIAN, per, Trudy Ak Nauk UzSSSR, Ser Fiz-
Matemat Nauk, No1, 1958, pp 47-63.

JPRS 2843

The Hall Effect in Ferromagnetics, by V. A.
Lipatova.
RUSSIAN, per, Trudy Ural'skogo Politek Inst
imeni S. M. Korov (Sbornik 72), Issledovanie
Svoistv Splavov, 1957, pp 21-34.

*Navy/NRL

The Temperature Dependence on the Hall
Constant in Ferromagnetics, by V. A. Lipatova.
RUSSIAN, per, Trudy Ural'skogo Polit Inst
imeni S. M. Korov (Sbornik 72), Issledovanie
Svoistv Splavov, 1957, pp 35-40.

*Navy/NRL

Variation of the Electrical Resistance of
Fe-Ni-Cu Alloy in the Magnetic Field (Gold-
hammer-Thomson Effect), by A. P. Lyustrova.
RUSSIAN, per, Trudy Ural'skogo Polit Inst
imeni S. M. Korov (Sbornik 72), Issledovanie
Svoistv Splavov, 1957, pp 41-45.

*Navy/NRL

Measurement of the Curie Temperature of Cer-
tain Fe-Ni-Cu Alloys During Their Thermal
Treatment and Plastic Deformation, by A. P.
Lyustrova, A. V. Simbriyatina.
RUSSIAN, per, Trudy Ural'skogo Polit Inst imeni
S. M. Korov (Sbornik 72), Issledovanie
Svoistv Splavov, 1957, pp 67-75.

*Navy/NRL

Scientific
Physics (Contd)

Eleventh All-Union Conference on
High-Molecular-Weight Compounds, by
N. F. Bakeyev, 23 pp.

RUSSIAN, per, Vysokomolekulyarnyye
Soyedineniya, Vol I, No 1, 1959,
pp 1877-1891.

JPRS 3552

Isotropic Compressibility of Aluminum,
Copper, Lead and Iron at High Tempera-
tures, by L. V. Al'tshuler, (NY-4492).
RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XXXVIII, No 4, 1960, pp 1061-1073.

*JPRS

The Formation of Nitrogen Oxides in the
Shock Wave of a Strong Explosion in Air,
by Yu. P. Rayzer, 16 pp.
RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII,
No 3, 1959, pp 700-709.

JPRS 2956

Emission of Charged Particles From Metal
Surfaces Under Positive Ion Bombardment,
by Ya. M. Fogel', et al, 23 pp.
RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 1,
1960, pp 63-73.

ACSI H-6390

Boiling Heat Transfer of Liquid Metals,
by Lin Chi-fang, Yang Yu-ch'i, K'ung
Fan-kuo, Hseing Kuei-ch'en, Wang Chia-
hsiang, 3 pp.
CHINESE, per, K'o-hseuh T'uang-pao, No 24,
1959, pp 832, 833.

JPRS 3512

Study of the Oscillation Nodes of "M
Carcinotron," by M. de Bennetot, 40 pp.
FRENCH, per, Annales de Radioelectricite,
No 42, 1955, pp 328-343.

USASIA: SC-80a/60

Antenna Presenting a Diagram of Enlarged
Lobe Radiation, by L. Thourel, 15 pp.
FRENCH, per, Annales de Radioelectricite,
No 42, 1955, pp 348-354.

USASIA: SC-80b/60

The First Focalization of a Photomulti-
plier for Counting of Scintillations, by
G. Wendt, 30 pp.
FRENCH, per, Annales de Radioelectricite,
No 42, pp 372-386.

USASIA: SC-80c/60

Scientific
Physics (Contd)

Measurement of Some of the Characteristics of a Strongly Ionized Plasma, by G. Vincent, F. Dumez, M. Malbec, 20 pp. FRENCH, per, Annales de Radioelectricite, No 54, 1958, pp 326-338.

USASIA: SC-85b/60

Ultrasonic Determination of the Size of Defects, by J. Krautkramer. GERMAN, per, Archiv Eisenhüttenwesen, Nov 1959, pp 693-703.

BISI 1566

Concerning My Perspectographs, by K. Mack, 6 pp. GERMAN, per, Deutsche Mathematiker Vereinigung, Vol XXXI-XXXII, 1922-1923, pp 158-162.

Patent Office

Radioactive Density Determination With a Gamma-Gamma Probe, by J. Homilius, S. Lorch, K. Seitz, 18 pp. GERMAN, per, Geol Jahrb, Vol LXXV, 1958, pp 183-196.

AEC Tr 4099

Spectrochemical Microanalysis of Oxide Inclusions Isolated From Steel, by K. F. Luedemann, et al. GERMAN, per, Neue Huette, No 4, 1960, pp 238-244.

*BISI 1771

Process for Delustering Polyvinylchloride Films, 3 pp. GERMAN, Patent No 841,794. (Add. to 836,098).

Patent Office

Respects for Planning the Technology of Gamma Radiation Guns, by Laszlo Tihonyi, 16 pp. HUNGARAIN, per, Energia es Atomtechnika, Vol XII, No 7/8, 1959, pp 492-498.

ACSI H-6515

Scientific Research in the USSR, by A. Topchiev. ITALIAN, bk, La Ricerca Scientifica Nell'URSS, Rome, Apr 1960.

*AEC

Scientific
Physics (Contd)

USSR Scientific and Technical Exhibit.
The Atom for Peace.
ITALIAN, bk, URSS Esposizione Scientifico-
Technica L'Atomo per la Pace, Rome, Jun
1960.

*AEC

Electrical Conductivity of Glass, by Wacław
Tuszynski, 14 pp.
POLISH, per, Szkło i Ceramika, No 6, 1956,
pp 165-168.

ACSI H-6413

Scientific
Space Research

Reporting From the 21st Century, by M.
Vasil'yev, S. Gushchev, 231 pp.
RUSSIAN, bk, Reportazh Iz Dvadtsati-Pervogo
Veka, 1958, 244 pp.

Souvenir Press
London

The Automatic Interplanetary Station, by
B. S. Danilin, 9 pp.
RUSSIAN, per, Nauka i Zhizn, No 12, 1959,
pp 2-5.

ATIC MCL-549/III

Pictures From Outer Space, by V. A.
Sokolov, 8 pp.
RUSSIAN, per, Nauka i Zhizn, No 3, 1960.

Navy Tr 2569/ONI 785

Rockets and AES (Summary).
RUSSIAN, nr, Nedelya, No 12, 15-21 May
1960, p 2.

IGC
OTS PB 131632-125

The Third Soviet Cosmic Rocket, 23 pp.
RUSSIAN, per, Priroda, No 11, 1959, pp 3-15.

USASIA: SC-72a/60

An Unparalleled Scientific Feat, 8 pp.
RUSSIAN, per, Radio, No 12, 1959, pp 3, 4.

USASIA: SC-74a/60

What Are the Prospects for the Development
of Astronavigation in the Next Few Years,
by V. P. Kaznevskiy, et al.
RUSSIAN, per, Tekhnika Molodezhi, No 2,
1958, pp 7, 8. 654597

ATIC MCL-303/III

Scientific
Miscellaneous

Cybernetics, by Yu. Shreyder, (NY-4567).
RUSSIAN, encyclopedia, Bol'shaya Meditsinskaya Entsiklopediya, Vol. XII, 1959,
pp 749-766.

*JPRS

Cybernetics, by E. Kol'man, 54 pp.
RUSSIAN, monograph, Kibernetika, 1956,
pp 1-40.

JPRS 5002

P. P. Troyanskiy's Translating Machine,
by D. Yu. Panov.
RUSSIAN, monograph, Perevodnaya Mashina
P. P. Troyanskogo, 1959, pp 1-40.

JPRS 3532

The Translation Machine of P. P. Troyanskiy,
(DC-3901/20).
RUSSIAN, monograph, Perevodnaya Mashina.
P. P. Troyanskogo, 1959, pp 41-51.

*JPRS

Dissertations for Degrees in Science and
Engineering Defended at USSR Higher
Educational Institutions, 47 pp.
RUSSIAN, per, Knizhnaya Letopis', No 27-32,
1959.

JPRS 2979

Dissertations for Degrees in Science and
Engineering Defended at USSR Higher
Educational Institutions, 27 pp.
RUSSIAN, per, Knizhnaya Letopis', No 1-4,
1960.

JPRS 3603

Dissertations for Degrees in Science and
Engineering Defended at USSR Higher
Educational Institutions, 30 pp.
RUSSIAN, per, Knizhnaya Letopis', No 5-8,
1960, pp 122-130, 120-126, 106-110,
114-119.

JPRS 3564

Dissertations for Degrees in Science
and Engineering Defended at USSR Higher
Educational Institutions, 44 pp.
RUSSIAN, per, Knizhnaya Letopis', No 9-11,
1960, pp 121-139.

JPRS 3542

Scientific
Miscellaneous (Contd)

Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions, 45 pp.
RUSSIAN, per, Knizhnaya Letopis, No 12-15, 1960, pp 124-141.

JPRS 3543

Methodological Foundations of S. K. Shaumyan's Concept, by A. A. Leont'yev, (DC-3901/30).
RUSSIAN, per, Nauch Dok Vysshey Shkoly, Filolog Nauk, No 4, 1958, pp 151-156.

*JPRS

Discussion of V. A. Zvegintsev's Book "Semasiology," (DC-3901/30).
RUSSIAN, per, Nauch Dok Vysshey Shkoly, Filolog Nauk, No 2, 1960, pp 162-166.

*JPRS

Report on the Activities of the All-Union Society of Soil Scientists During 1959, by N. A. Razorenova, 10 pp.
RUSSIAN, per, Pochvovedeniye, No 4, 1960, pp 125-127.

JPRS 5091

Bibliography of Soviet Abstract Journals, 92 pp.
RUSSIAN, per, Referativnyy Zhurnal, various series, Jan-Mar 1959.

JPRS 3569

Review of A. V. Fedorov's Book "Introduction to the Theory of Translation," by B. A. Larin, (DC-3901/30).
RUSSIAN, per, Vest Lenin U, Ser Istorii, Yazyka i Literatury, No 4, 1959, pp 135-137.

*JPRS

New Order of Honoured Doctors in the Belorussian SSR, (NY-4566).
RUSSIAN, per, Zdravookhraneniye Belorussii, Vol VI, No 4, 1960, pp 75, 76.

*JPRS

Second All-Union Ornithological Conference, by A. V. Mikheyev, (NY-4491).
RUSSIAN, per, Zool Zhur, Vol XXXIX, No 2, 1960, pp 318-320.

*JPRS

Scientific
Miscellaneous (Contd)

Structure and Personnel of the Academy of Sciences, Belorussian SSR, 4 pp.
BELORUSSIAN, bk, Akademiya Navuk Belaruskiiy SSR, 1958, pp 17-25.

JPRS 3266

Academicians of the Academy of Sciences, Belorussian SSR, 1929-1958, 7 pp.
BELORUSSIAN, bk, Akademiya Navuk Belaruskiiy SSR, 1958, pp 32-40.

JPRS 3266

List of Dissertations for Bulgarian Candidate of Science Degrees, 11 pp.
BULGARIAN, per, Bulgarski Knigopis, Vol LXIII, 1959, No 6, pp 36-37, No 7, pp 35-38, No 11, pp 44-47.

JPRS 3373

Ministerial Council Order No 816 of 22 May 1960 for the Establishment of Regulations for Scientific Research Institutes Under the Departments, (DC-4181).
BULGARIAN, np, Izvestiya, Vol XVI, No 49, 17 Jun 1960, pp 1-3.

*JPRS

Strive to Fulfill the Scientific Plan in Advance, 5 pp.
CHINESE, np, Wen Wei Pao, Hong Kong, 22 Apr 1960.

AF 1409278

New Problems of Mathematical Methods in Linguistics, by Petr Sgall, 17 pp.
CZECH, per, Slovo a Slovesnost, No 1, 1959, pp 44-55.

JPRS 3502

Communication Theory, by Jiri Kramsky, 18 pp.
CZECH, per, Slovo a Slovesnost, No 1, 1959, pp 55-66.

JPRS 3502

Problems of Machine Translation, by Petr Sgall, 3 pp.
CZECH, per, Slovo a Slovesnost, No 3, 1959, pp 208-210.

JPRS 3502

Scientific
Miscellaneous (Contd)

Machine Translation in the USSR, (Experience at the Conference on Mathematical Linguistics in Leningrad in 1959), by Bohumil Palek, 12 pp.
CZECH, per, Slovo a Slovesnost, No 4, 1959, pp 277-285.

JPRS 3502

Problems of Machine Translation in Moscow, by I. A. Mel'chuk, 7 pp.
CZECH, per, Slovo a Slovesnost, No 4, 1959, pp 285-289.

JPRS 3502

EL-4 Report on Principal Studies and Experiments.
FRENCH, bk, EL4.- Aide Memoire Relatif aux Principales Etudes et Experiences.

*AEC

Scientific Sessions and Conferences of the Academy of Sciences Latvian SSR in 1959, by J. Magone, (DC-4194).
LATVIAN, per, Iz Ak Nauk Latviyskoy SSR, No 2 (151), 1960, pp 203-206.

*JPRS

On the Combat Use of CBR Agents, by Lj. Kljajic, (DC-4166).
SERBIAN, per, Vojno Delo, Vol XI, No 7/8, 1959, pp 400-416.

*JPRS

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<u>Astronomicheskiy Zhurnal</u> , Vol XXXVI, No 6, 1959.	AIP Soviet Astron-AJ Vol III, No 6
<u>Avtomatika i Telemekhanika</u> , Vol XX, No 12, 1959.	Instru Soc of Amer
<u>Biokhimiya</u> , Vol XXIV, No 6, 1959.	CB
<u>Fizika Metalloy i Metallovedenie</u> , Vol VII, No 3, 4, 1959.	PP
<u>Fiziologiya Rasteniy</u> , Vol VI, No 6, 1959.	AIBS
<u>Geologiya Nefti i Gaza</u> , Vol III, No 1-B, 1959.	Rev of Russian Geol
<u>Izmeritel'naya Tekhnika</u> , No 7, 1959.	Instru Soc of Amer
<u>Izvestiya Akademii Nauk SSSR, Seriya Fizicheskaya</u> , Vol XXIII, No 5, 1959.	Columbia Tech
<u>Izvestiya Akademii Nauk SSSR, Seriya Geofizicheskaya</u> , No 5, 6, 1959.	AGU
<u>Izvestiya Vysshikh Uchebnykh Zavedeniy, MVO SSSR, Seriya Radiotekhnika</u> , Vol II, No 4, 1959.	JPRS 5126
<u>Kauchuk i Rezina</u> , Vol XVIII, No 1, 1960.	RABRM
<u>Koks i Khimiya</u> , No 2, 1960.	CTRA
<u>Mikrobiologiya</u> , Vol XXVIII, No 6, 1959.	AIBS
<u>Pribory i Tekhnika Eksperimenta</u> , No 5, 1959.	Instru Soc of Amer
<u>Problemy Gematologii i Perektivaniya Krovi</u> , Vol IV, No 12, 1959.	PP
<u>Svarochnoye Proizvodstvo</u> , No 4-10, 1959.	BWRA

Tsvetnyye Metally, Vol I, No 2, 1960.

PS

Uspekhi Sovremennoy Biologii, Vol XLIX,
No 1, 1960.

Oliver and Boyd Ltd.

Vestnik Vozdushnogo Flota, No 11, 1959.
654644

ATIC

Zavodskaya Laboratoriya, Vol XXV, No 8, 9,
1959.

Instru Soc of Amer

Zhurnal Eksperimental'noy i Teoreticheskoy
Fiziki, Vol XXXVIII, No 1, 1960.

AIP

Sov Phys-JETP

Vol XI, No 1

Zhurnal Fizicheskoy Khimii, Vol XXXIII,
No 11, 1959.

Cleaver-Hume Press

Zhurnal Mikrobiologii, Epidemiologii i
Immunobiologii, Vol XXX, No 4, 7, 1959.

PP

Zhurnal Obshchei Khimii, Vol XXIX, No 6,
1959.

CB

Zhurnal Prikladnoy Khimii, Vol XXXII, No 7,
8, 1959.

CB

Zhurnal Vysshey Nervnoy Peyatel'nosti imeni
I. P. Pavlova, Vol IX, No 1, 1959.

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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.

OGA Doc ID	Job Num	Box	Fldr	Doc	Doc ID	Document Title	Pub Date	Pages	Decision	Proc Date
AD0866011	78-03109A	63	1	8	145	Consolidated Translation Survey Through 31 January 1970	1/31/1970	237	Approved For Release	3/25/2004
AD0866891	78-03109A	64	1	1	146	Consolidated Translation Survey Through 28 February 1970	2/28/1970	237	Approved For Release	3/25/2004
AD0868214	78-03109A	64	1	2	147	Consolidated Translation Survey Through 31 March 1970	3/31/1970	222	Approved For Release	3/25/2004
AD0869588	78-03109A	64	1	3	148	Consolidated Translation Survey Through 30 April 1970	4/30/1970	225	Approved For Release	3/25/2004
AD0871388	78-03109A	64	1	4	149	Consolidated Translation Survey Through 31 May 1970	5/31/1970	286	Approved For Release	3/25/2004
AD0872361	78-03109A	64	1	5	150	Consolidated Translation Survey Through 30 June 1970	6/30/1970	339	Approved For Release	3/25/2004
AD0873815	78-03109A	64	1	6	151	Consolidated Translation Survey Through 31 July 1970	7/31/1970	274	Approved For Release	3/25/2004
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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
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AD0834504	78-03109A	48	1	9	35	Consolidated Translation Survey For November 1960	11/1/1960	289	Approved For Release	3/25/2004