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CONSOLIDATED TRANSLATION SURVEY

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CONSOLIDATED TRANSLATION SURVEY

FOR MAY 1968

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CONSOLIDATED TRANSLATION SURVEY

PREFACE

This survey is prepared monthly from lists received through the cooperation of US government agencies and includes universities, research institutions, and commercial translation organizations. It is a compilation of projects completed or started during the preceding month.

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 of publication, and publication identification of the completed project are given when available. Tables of contents of journals translated cover-to-cover are reproduced from the current publications.

Projects in process, i.e., not completed as of the date of this survey, are noted with an asterisk (*), and when available, a project-control or "in-process" number is noted in parentheses following the title. Certain details may be unavailable on such projects. New projects in process are not listed again until they are completed.

An index to authors of items in this issue is provided at the end of the survey.

Scientific and Technical translations are grouped according to the COSATI subject category list except for military science and ordnance items which are listed under "military" in the appropriate geographic areas.

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(see CFSTI)

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AEC - Atomic Energy Commission (see CFSTI)

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Department of Air Force
Assistant Chief of Staff, Intelligence
ATTN: AFCIN-3D
Washington, D. C.

AFCRL Res Lib

Air Force Cambridge Research Laboratories
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Laurence G. Hanscom Field
Bedford, Massachusetts
ATTN: CRMCLR

AGU

American Geophysical Union
1515 Massachusetts Avenue, NW
Washington, D. C. 20005

AGI

American Geological Institute
AGI Translations Office
2101 Constitution Avenue, NW
Washington, D. C. 20000

AIP

American Institute of Physics
335 East 45th Street
New York, New York 10017

APL/JHU

The Johns Hopkins University
Applied Physics Laboratory
8621 Georgia Avenue
Silver Spring, Maryland 20910

BISI

British Iron and Steel Industry Translation Service
The Iron and Steel Institute
4 Grosvenor Gardens
London, S. W. 1, England

CB

Consultants Bureau Enterprises, Incorporated
227 West 17th Street
New York, New York 10011

CFSTI

Clearinghouse for Federal Scientific and
Technical Information (Formerly Office of
Technical Services)
Port Royal and Braddock Roads
Springfield, Virginia 22151

CTT

Columbia Technical Translations
5 Vermont Avenue
White Plains, New York 10600

DIA

Defense Intelligence Agency
Washington, D. C. 20301

FP

The Faraday Press, Incorporated
84 Fifth Avenue
New York, New York 10011

FTD - Foreign Technology Division (see AF)

HB

Henry Bratcher Technical Translations
P.O. Box 157
Altadena, California 91001

IEEE

Institute of Electrical and Electronics Engineers
275 Madison Avenue
New York, New York 10016

JPRS

U. S. Department of Commerce
Clearinghouse for Federal and Scientific and
Technical Information
Joint Publications Research Service
Building Tempo E,
East Adams Drive, 4th and 6th Streets, SW
Washington, D. C. 20443

NASA

National Aeronautics and Space Administration
1512 H Street, NW
Washington, D. C. 20546

NIC

Naval Intelligence Command
Naval Intelligence Command Headquarters
NIC-15
Washington, D. C. 20350

NMS

U. S. Naval Medical School
National Naval Medical Center
Bethesda, Maryland 20014

NOO

U. S. Naval Oceanographic Office
Washington, D. C. 20390

NRL

U. S. Naval Research Laboratory
Washington, D. C. 20390

Patent Office

Department of Commerce, Patent Office
Scientific Library
14th and Constitution Avenue, NW
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Plenum Press

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Scientific Information Consultants, Limited
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USSR

Economic

New Towns, 12 pp.
RUSSIAN, per, Arkhitektura, June 1967, pp 1-4.
DIA Ltr 489-68

Economy of Electric Power in Azerbaydzhan, by
A. Zadov, 5 pp.
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15 March 68, p. 2.
JPRS 45,109

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1968, pp. 5-23.
JPRS 44,950

Direct Accounts Under the New Conditions, 9 pp.
RUSSIAN, per, Dengi i Kredit, Moscow, No. 1,
1968, pp. 24-28.
JPRS 44,946

Some Questions Concerning the Organization of
Economic Operations, by A. Kozhevnikov,
17 pp.
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JPRS 44,735

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Moscow, No. 3, Jan 68, p. 12.
JPRS 44,840

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phosphate Combine, by N. Yakovchuk,
7 pp.
RUSSIAN, np., Ekonomicheskaya Gazeta,
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JPRS 44,717

Soviet Speech at Second UNCTAD
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pp. 27-28.
JPRS 44,784

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5 pp.
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Gazeta, Moscow, No. 5, Feb 68,
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JPRS 44,867

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JPRS 44,958

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JPRS 44,808

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JPRS 44,808

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JPRS 44,808

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Technical Progress of the Mollibden Mine, by L. F. Chugunov.
RUSSIAN, per, Gornyi Zhurnal, No 9, 1965, pp 6-10.
*CFSTI TT 68-50621

Greater Use of Transport Reserves Needed, 9 pp.
RUSSIAN, Gudok, Moscow, 8 Feb 68, p. 3.
JPRS 45,087

The Main Administrations' Tasks Under the New Economic Reform, by P. Bunich, 5 pp.
RUSSIAN, newspaper, Izvestiya, Moscow, 14 Jan 68, p. 3.
JPRS 44,716

Need for Increased Consumer Services in Western Siberia, by A. Yu. Sharipov, 9 pp.
RUSSIAN, journal, Izvestiya Sibirskogo Otdelniya Akademii Nauk SSSR, Seriya Obshchestvennykh Nauk, Novosibirsk, Sept. 67, pp. 33-38.
JPRS 45,108

Measures Needed to Combat Increasing Labor Shortages in Siberian Agriculture, by T.I. Zaslavskaya and V.N. Ladenkov, 14 pp.
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JPRS 45,108

Development of Gold Extracting Industry in Northeast USSR, by S.A. Shaydurov, 8 pp.
RUSSIAN, per, Izvestiya Sibirskogo Otdelniya Akademii Nauk SSSR, Sept 67, pp. 56-61.
JPRS 44,972

Scientific Labor Organization in Chemical Industry, by K.K. Cherednichenko, 12 pp.
RUSSIAN, per, Khimicheskaya Promyshlennost', Russian, Moscow, Jan 68, pp. 1-5.
JPRS 44,762

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Economic Competition Between the USSR and Capitalist Countries, by B. Vladimirov, 16 pp.
RUSSIAN, journal, Kommunist, No. 1, Moscow, Jan 68, pp. 34-45.
JPRS 44,793

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JPRS 44,900

Progressive Changes in the Structure of Modern Production, by D. Ton and A. Gudym, 10 pp.
RUSSIAN, per, Kommunist Moldavi, Kishinev, No. 1, Jan 68, pp. 48-54.
JPRS 44,946

Highlights of History and Economic Development of Soviet Belorussia, by P.M. Masherov, 7 pp.
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JPRS 44,932

Rectifying Accounts in Mineral Fertilizer Deliveries, by M. Kuz-min, 10 pp.
RUSSIAN, per, Material'no-tekhnikeskoye Snabzheniye, Dec 67, pp. 46-52.
JPRS 44,717

Discipline Strengthened for Supply Organizations, 6 pp.
RUSSIAN, per, Material'no-tekhnikeskoye Snabzheniye, Moscow, Jan 68, pp. 1-4.
JPRS 44,867

USSR
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Supply Problems in Equipping New Food Industry Facilities, by B. Buchuyev, 7 pp.
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JPRS 45,121

Economic Reform in Farm Supply System, by V. Alfer'yev and G. Pavlova, 7 pp.
RUSSIAN, journal, Material'no-tekhnikeskoye Snabzheniye, No. 1, Moscow, Jan 68, pp. 14-19.
JPRS 45,119

Planning for the Production and Distribution of Spare Parts, 7 pp.
RUSSIAN, per, Material'no-tekhnikeskoye Snabzheniye, Jan 68, Moscow, pp. 38-42.
JPRS 44,867

Uzbek Supply Administration Operates Under New System, by P. Kaymakov, 11 pp.
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JPRS 44,867

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JPRS 44,834

Perfection of Methods of Equipment Distribution, by A. Bunzovskiy and V. Fal'tsman, 8 pp.
RUSSIAN, journal, Material'notekhnicheskoye Snabzheniye, No. 2, Moscow, 1968, pp. 27-32.
JPRS 44,949

About Reducing the Reserves of Equipment Available but Not Installed in Industrial Construction, by M. Rasulova and V. Antipov, 5 pp.
RUSSIAN, per, Material'no-Tekhnicheskoye Snabzheniye, Moscow, No. 2, 1968, pp. 37-39.
JPRS 44,905

USSR
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The Results of Utilization of Franco Construction Project Prices, by G. Khaykin, 10 pp.
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JPRS 44,905

Supply Division in Enterprises Under New Conditions, by P. Shein, 9 pp.
RUSSIAN, journal, Material'no-tekhnicheskoye Snaabzheniye, Moscow, No. 2, 1968, pp. 80-86.
JPRS 44,949

East Bloc Meets on Coordinating Agricultural Plans, by A. Stepanov, 7 pp.
RUSSIAN, journal, Mezhdunarodnyy Sel'skokhozyaystvennyy Zhurnal, Moscow, Jan 68, pp. 97-98.
JPRS 45,129

Economic Diversification and Industrial Development of the Emerging Nations, by R. Andreasyan and A. El'yanov, 18 pp.
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A translation of *Élektrokimiya*

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EDITOR'S NOTE

With the exception of certain trigonometric and hyperbolic functions, Soviet mathematical symbols are the same as those encountered in the American literature. For the reader's convenience a list of such exceptions and their American equivalents is given below.

<u>Soviet Usage</u>	<u>American equivalent</u>
Arch	cosh ⁻¹
Arcth	coth ⁻¹ (ctnh ⁻¹)
Arsh	sinh ⁻¹
Arth	tanh ⁻¹
arccos	cos ⁻¹ (arc cos)
arctg	cot ⁻¹ (arc cot)
arcsin	sin ⁻¹ (arc sin)
arctg	tan ⁻¹ (arc tan)
ch	cosh
cosec	csc
ctg	cot (ctn)
cth	coth (ctah)
rot	curl
sch	sech
sh	sinh
tg	tan
th	tanh

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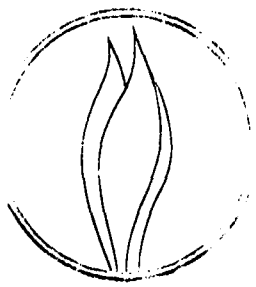
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AND METAL CERAMICS

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EDITOR'S NOTE

With the exception of certain trigonometric and hyperbolic functions, Soviet mathematical symbols are the same as those encountered in the American literature. For the reader's convenience a list of such exceptions and their American equivalents is given below.

<u>Soviet Usage</u>	<u>American equivalent</u>
Arch	cosh ⁻¹
Arcth	coth ⁻¹ (ctnh ⁻¹)
Arsh	sinh ⁻¹
Arth	tanh ⁻¹
arccos	cos ⁻¹ (arc cos)
arctg	cot ⁻¹ (arc cot)
arcsin	sin ⁻¹ (arc sin)
arctg	tan ⁻¹ (arc tan)
ch	cosh
cosec	csc
ctg	cot (ctn)
cth	coth (ctnh)
rot	curl
sch	sech
sh	sinh
tg	tan
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For Our Soviet Motherland!

TEKNIKA I VOORUZHENIYE

A monthly journal

No. 10 October 1967

26th Year of Publication

Organ of the Ministry of Defense of the USSR

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* * *

On the outside front and back covers are drawings by F. Levshin. On the inside front cover is a statue of Lenin in the Kremlin. Photo by F. Levshin. On the inside back cover is a drawing by artist V. Pechenkin. A photoreport by I. Gryuntal' appears on pages 4-5, 8-9, 12-13, and 16-17.

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The following words do not have exact English equivalents that are translated. The following are underlined throughout the translation:

podrazdeleniye military unit(s) ranging
from crew to battalion in
size

chast military unit(s) equivalent to
regiment or separate battalion

sovedineniye military unit(s) equivalent to
corps, division or battalion

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VESTNIK OF THE USSR ACADEMY OF MEDICAL SCIENCES

Vol 23, No 1, January 1968

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This publication comprises the translation of the Russian-language periodical Vestnik Akademii Meditsinskikh Nauk SSSR (English version above), Moscow, Vol 23, No 2, February 1968, pages 1-96. Author's name and original source page accompany each article.

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No 3, March 1968

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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 black ink that reads "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)



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
AD0831939	78-03109A	59	1	2	123	Consolidated Translation Survey Through 31 March 1968	3/31/1968	252	Approved For Release	3/25/2004
AD0833917	78-03109A	59	1	3	124	Consolidated Translation Survey Through 30 April 1968	4/30/1968	223	Approved For Release	3/25/2004
AD0835906	78-03109A	59	1	4	125	Consolidated Translation Survey Through 31 May 1968	5/31/1968	267	Approved For Release	3/25/2004
AD0838252	78-03109A	59	1	5	126	Consolidated Translation Survey Through 30 June 1968	6/30/1968	341	Approved For Release	3/25/2004
AD0839299	78-03109A	59	1	6	127	Consolidated Translation Survey Through 31 July 1968	7/31/1968	354	Approved For Release	3/25/2004
AD0841414	78-03109A	59	1	7	128	Consolidated Translation Survey Through 31 August 1968	8/31/1968	255	Approved For Release	3/25/2004
AD0844244	78-03109A	59	1	8	129	Consolidated Translation Survey Through 30 September 1968	9/30/1968	259	Approved For Release	3/25/2004
AD0845247	78-03109A	60	1	1	130	Consolidated Translation Survey Through 31 October 1968	10/31/1968	252	Approved For Release	3/25/2004
AD0847806	78-03109A	60	1	2	131	Consolidated Translation Survey Through 30 November 1968	11/30/1968	284	Approved For Release	3/25/2004
AD0848152	78-03109A	60	1	3	132	Consolidated Translation Survey Through 31 December 1968	12/31/1968	176	Approved For Release	3/25/2004
AD0848841	78-03109A	60	1	4	133	Consolidated Translation Survey Through 31 January 1969	1/31/1969	188	Approved For Release	3/25/2004
AD0850186	78-03109A	60	1	5	134	Consolidated Translation Survey Through 28 February 1969	2/28/1969	167	Approved For Release	3/25/2004
AD0851748	78-03109A	60	1	6	135	Consolidated Translation Survey Through 31 March 1969	3/1/1969	232	Approved For Release	4/5/2004
AD0853348	78-03109A	60	1	7	136	Consolidated Translation Survey Through 30 April 1969	4/30/1969	262	Approved For Release	3/25/2004
AD0856606	78-03109A	60	1	8	137	Consolidated Translation Survey Through 31 May 1969	5/31/1969	306	Approved For Release	3/25/2004
AD0857706	78-03109A	63	1	1	138	Consolidated Translation Survey Through 30 June 1969	8/22/1969	413	Approved For Release	3/25/2004
AD0858054	78-03109A	63	1	2	139	Consolidated Translation Survey Through 31 July 1969	9/3/1969	185	Approved For Release	3/25/2004
AD0860022	78-03109A	63	1	3	140	Consolidated Translation Survey Through 31 August 1969	10/3/1969	315	Approved For Release	3/25/2004
AD0860905	78-03109A	63	1	4	141	Consolidated Translation Survey Through 30 September 1969	9/30/1969	285	Approved For Release	3/25/2004
AD0861886	78-03109A	63	1	5	142	Consolidated Translation Survey Through 31 October 1969	10/31/1969	269	Approved For Release	3/25/2004
AD0863371	78-03109A	63	1	6	143	Consolidated Translation Survey Through 30 November 1969	11/30/1969	224	Approved For Release	3/25/2004
AD0864516	78-03109A	63	1	7	144	Consolidated Translation Survey Through 31 December 1969	12/31/1969	177	Approved For Release	3/25/2004