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CONSOLIDATED TRANSLATION SURVEY

Number 126

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CONSOLIDATED TRANSLATION SURVEY

FOR JUNE 1968

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CONSOLIDATED TRANSLATION SURVEY

PREFACE

This survey is prepared by the Central Intelligence Agency from lists received through the cooperation of US government agencies and includes translations prepared by such agencies, private industry, universities, research institutions, and commercial translation organizations. It is a compilation of foreign documentary 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 identification of the completed projects 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.

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)

AERE Harwell Lib

Atomic Energy Research Establishment,
Harwell, Berkshire
England

AF

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

AGU

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

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

FSTC

Defense Documentation Center
Cameron Station
Alexandria, Virginia

FTD - Foreign Technology Division (see AF)

HB

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

HEW - (see NIH)

IEEE

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

Department of Interior

Department of Interior
Room 8015
Branch of Foreign Fisheries (Translations)
Division of International Affairs
Bureau of Commerical Fisheries
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U. S. Department of Commerce
Clearinghouse for Federal Scientific and
Technical Information
Joint Publications Research Service
Building Tempo E,
East Adams Drive, 4th and 6th Streets, SW
Washington, D. C. 20443

Maritime Admin

Maritime Administration
Office Services
GAO, 5th and G Streets, NW
Washington, D. C.

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

NIH

Circulation Unit
Readers Services Section
Library Branch, DRS
National Insitutes of Health
Building 10, Room 5N118
Bethesda, Maryland 20014

NMS

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

OSA

Optical Society of America, Incorporated
33 University Road
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National Aeronautics and Space Administration
Goddard Space Flight Center
Contract No NAS-5-12487

UCRL

University of California
Lawrence Radiation Laboratory
Livermore, California
(see AFC)

USSR

Economic

Economic Plans for 1968, by I. Novikov, 9 pp.
RUSSIAN, per, Agitator, No. 4, Moscow, Feb 68, pp. 8-11, 22-23.
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RUSSIAN, per, Elektricheskiye Stantsii, No. 3, 1968, pp. 2-6.
JPRS 45,221

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RUSSIAN, per, F. Maksimov II, A., Jul-Aug 1967, pp 9-11; 14; 15; 17; 18.
DIA LN 649-68

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Gas Industry on the 50th Anniversary of October, by M. V. Sudorenko, 10 pp.
RUSSIAN, rpt, Gas Industry on the 50th Anniversary of October, pp 1-7.
DIA LN 577-68

Main Trends of the Transport Five-Year Plan, by N.A. Gundobin, 7 pp.
RUSSIAN, newspaper, Gudok, Moscow, 2 April 68, p. 1.
JPRS 45,264

Problems in Planning Siberia's Development. Part I, by L. Shinkarev, 6 pp.
RUSSIAN, newspaper, Izvestiya, Moscow, 21 March 68, p. 2.
JPRS 45,181

Problems in Planning Siberia's Development. Part II, by L. Shinkarev, 7 pp.
RUSSIAN, newspaper, Izvestiya, Moscow, 27 March 68, p. 3.
JPRS 45,181

Notes on Tourism, by A. Abukov, 5 pp.
RUSSIAN, newspaper, Izvestiya, Moscow, 19 April 68, p. 4.
JPRS 45,359

Specialization and Development of Omskaya Oblast Economy, by G.Ya. Kurbatova, 11 pp.
RUSSIAN, journal, Izvestiya Sibirekogo Otdeleniya Akademii Nauk SSR, Novosibirsk, Sept. 67, pp. 49-55.
JPRS 45,131

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Economic Reform and Finances, by V. Garbuzov, 14 pp.
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Concern Expressed Over Misuse of Natural Resources in the USSR, by S. Kalesnik and A. Shnitnikov, 6 pp.
RUSSIAN, newspaper, Komsomol'skaya Pravda, Moscow, 3 April 68, p. 2.
JPRS 45,229

Problems of Conservation in Turkmen SSR, by N. Nachayeva, 5 pp.
RUSSIAN, np, Komsomol'skaya Pravda, Moscow, 9 April 68, p. 2.
JPRS 45,355

Economic Aspects of Supply Organization Discussed, by V. Kurotchenko, 20 pp.
RUSSIAN, per, Material'no-tekhnicheskoye Snabzheniye, No. 3, Moscow, 1968, pp. 1-13.
JPRS 45,480

Statistics of Equipment Utilization Should be Improved, by N. Khorunzhaya, 5 pp.
RUSSIAN, per, Material'no-tekhnicheskoye Snabzheniye, No. 3, Moscow, 1968, pp. 27-29.
JPRS 45,480

Recommendations for Improving Supply Planning and Organization, by A. Ol'shanetskiy, 9 pp.
RUSSIAN, per, Material'no-tekhnicheskoye Snabzheniye, Moscow, No. 3, 1968, pp. 37-42.
JPRS 45,480

USSR
Economic (Contd)

A New Dwelling District in Vladivostok.
RUSSIAN, per, Na Stroykakh Rossii, No 12, Dec 1967.
DIA LN 580-68

New Projects - A Theatre at Lipetsk.
RUSSIAN, per, Na Stroykakh Rossii, No 12, Dec 1967.
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Vladivostok - Our Own City.
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JPRS 45,439

USSR
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Interstate Specialization in Machine Building,
by B. Dyakin, 11 pp.
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Shkoly Ekonomicheskoye Nauki, No. 2, Moscow,
1968, pp. 55-62.
JPRS 45,439

Payment for Use of Natural Resources Urged
as Conservation Measure, by A. Trofimuk and
G. Pospelov, 6 pp.
RUSSIAN, per, Nedelya, Moscow, 24 March 68,
p. 14.
JPRS 45,218

Improved Planning Proposed, by P. Krylov
and M. Chistyakov, 16 pp.
RUSSIAN, per, Planovoye Khozyaystvo,
March 68, Moscow, pp. 11-23.
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A translation of *Élektrokhiimiya*

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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.

Soviet Usage	American equivalent
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)
arotg	$\tan^{-1}$ (arc tan)
ch	$\cosh$
cosec	$\csc$
ctg	$\cot$ (ctn)
cth	$\coth$ (ctnh)
rot	$\csc$
sch	$\sinh$
sh	$\sinh$
tg	$\tan$
th	$\tanh$

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A translation of *Fiziology Rastenii*

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SPACE BIOLOGY AND MEDICINE

Vol. 2, No. 1, 1968

-USSR-

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A Translation of "Kristallografiya"

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METEOROLOGY AND HYDROLOGY

No 2, 1968

- USSR -

This publication comprises the translations (with the exception of five articles) of the Russian-language periodical *Meteorologiya i Gidrologiya* (English version above), N 2, Moscow, Hydrometeorological Press, February 1968, pages 3-125. Author's name and original source page accompany each article.

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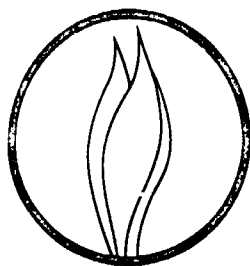
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With the exception of certain trigonometric and hyperbolic functions, Soviet mathematical symbols are the same as those encountered in the American literature. For the reader's convenience a list of such exceptions and their American equivalents is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

Soviet Usage	American equivalent
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
cosoc	csc
ctg	cot (ctn)
cth	coth (ctnh)
rot	cur!
sch	sech
sh	sinh
tg	tan
th	tanh

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A translation of *Steklo i Keramika*

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Russian Abbreviations in Text

CC CPSU.....	Central Committee, Communist Party, Soviet Union
Gintsvetmet.....	State Institute of Non-Ferrous Metals.
Giptonikel'.....	State Institute for the Design and Planning of Nickel Establishment
Gosplan.....	State Planning Committee of the Council of Ministers of the USSR
GOST.....	All-Union Standard
IL.....	Foreign Literature Publishing House
M.....	Moscow
Mekhanobr.....	Scientific Research Institute for Mechanical Concentration of Minerals
NTU.....	Scientific and Technical Society
Sovmarkhoz.....	Council of the National Economy
TsIINTsvetmet.....	Central Institute for Information on Non-Ferrous Metals
TsNIICHM.....	Central Scientific Research Institute on Ferrous Metallurgy
VNIIDP.....	All-Union Scientific Research Institute for the Processing of Petroleum and Gas for the Production of Synthetic Liquid Fuel
VNIITsvetmet.....	All-Union Scientific Research Institute of Non-Ferrous Metallurgy
VUZ.....	Institute of Higher Education

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VESTNIK OF THE USSR ACADEMY OF MEDICAL SCIENCES

Vol 23, No 4, April 1968

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A translation of *Zavodskaya Laboratoriya*

Volume 33, Number 1

January, 1967

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Zelevy, F.	73
Zelenskiy, G.	15
Zelgalvis, E.	1
Zemlyanoy, A. D.	47
Zerbst, Ye.	58
Zhamin, V.	1
Zharinov, A. V.	111
Zhdanov, G.	6
Zheleznyakov, V. V.	108
Zhelokhovtsev, A.	36
Zhivkov, Todor	23
Zhogolev, Ye. A.	72, 73
Zhongolovich, I. D.	66
Zhuravlev, S. S.	46
Zhuravlev, Yu. A.	108
Zickler, F.	59
Zidek, M.	80



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 cursive script, 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)



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	3/31/1969	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