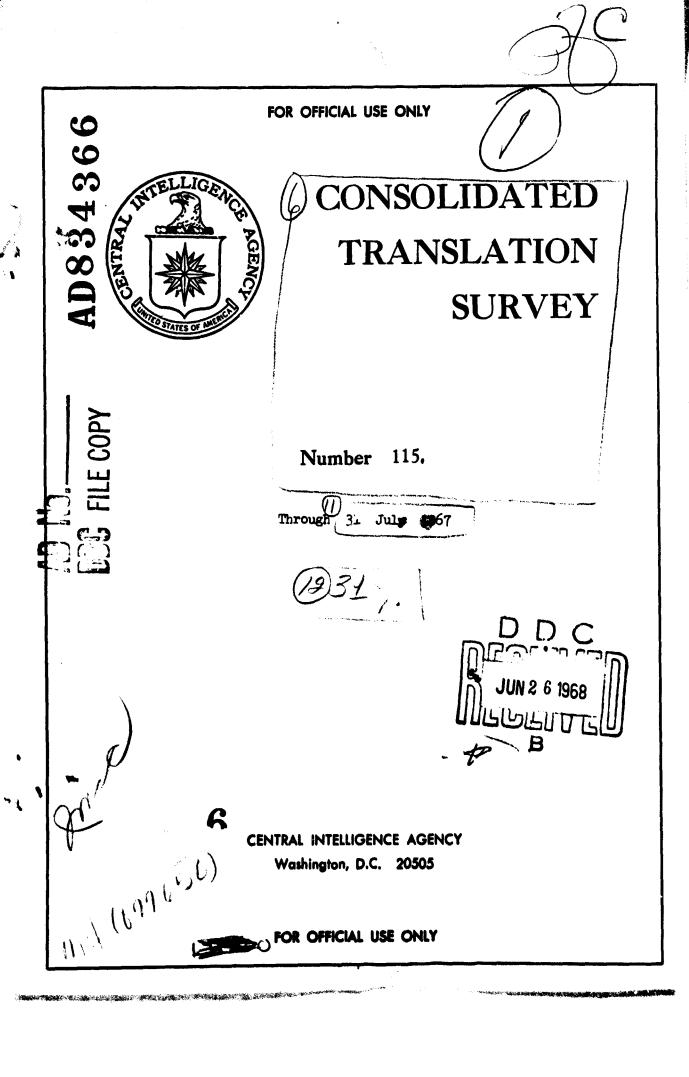
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CONSOLIDATED TRANSLATION SURVEY

FOR JULY 1967

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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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ACSI - (see DIA)

AEC - Atomic Energy Commission (see CFSTI)

AERE Harwell Lib

Atomic Energy Research Establishment, Hanwell, Berkshire England

AF

Department of Air Force Assistant Chief of Staff, Intelligence ATTN: AFCIN-3D Washington 25, D. C.

AFCRL Res Lib

Air Force Cambridge Research Laboratories Research Library Office of Aerospace Research United States Air Force Laurence G. Hanscom Field Bedford, Massachusetts ATTN: CRMXLR

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

ANL - Argonne National Laboratory, Illinois (see AEC)

APL/JHU

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

ATS

Associated Technical Services, Incorporated P.O. Box 271
East Orange, New Jersey 07017

BHP

Central Research Laboratories Broken Hill Proprietary Co. Ltd., Shortland, 2N, N.S.W. Australia

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 Techncial Information (Formerly Office of Techncial 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

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

FTD - Foreign Technology Division (see AF)

Geochem Soc

Prof. E. Wm. Heinrich Mineralogical Laboratory University of Michigan Ann Arbor, Michigan

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 Bureau of Foreign Fisheries (Translations) Division of International Affairs Bureau of Commercial Fisheries Room 8015 Washington, D. C. 20240

ISA

Instrument Society of America 530 William Penn Place Pittsburgh, Pennsylvania 15219

JPRS

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

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

Navships

U. S. Naval Ship Systems Command Washington, D. C. 20360

Navy

Department of Navy Office of Naval Intelligence Washington, 25, D. C.

NIH

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

NLL

National Lending Library For Science & Technology Boston Spa, Yorkshire, England

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

NSJ - (see AEC)

NSTIC

Ministry of Defense Room 102, Station Square House St. Mary Cray, Orpington, Kent. England

ONI - Office of Naval Intelligence (see Navy)

ORNL - Oak Ridge National Laboratory (see AEC)

OSA

Optical Society of America, Incorporated 33 University Road Cambridge, Massachusetts 02138

Patent Office

Department of Commerce, Patent Office Scientific Library 14th and Constitution Avenue, NW Washington, D. C.

·PG

Petroleum Geology Box 171 McLean, Virginia

Primary Sources

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11 Bleecker Street
New York, New York 10012

RTS- (see OTS)

SIC

Scientific Information Consultants, Limited 661 Finchley Road London N.W. 2. England

SLAC - Stanford Linear Accelerator Center - (see AEC)

Sci & Tech Info Facility

Scientific & Technical Information Facility National Aeronautics and Space Administration Goddard Space Flight Center Contract No NAS-5-12487

UCRL

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

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*JPRS 16118

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ACSI J-0297
ID 2204035966

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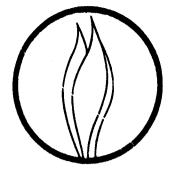
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EDITOR'S NOTE

With the exception of certain trigonometric and hyperbolic funcons, 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.

American equivalent
cosh-1
coth-1 (ctnh-1)
sinh-1
tanh−t
cos ⁻¹ (arc cos)
cot-1 (arc cot)
sin-1 (arc sin)
tan ⁻¹ (arc tan)
cosh
CSC .
cot (ctn)
coth (ctnh)
curl
sech
sinh
tan
tanh

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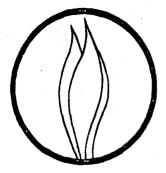
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METAL SCIENCE

HEAT TREATMENT

A translation of METALLOVEDENIE I TERMICHESKAYA

OBRABOTKA METALLOV

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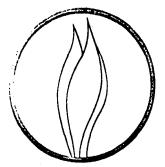
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EDITOR'S NOTE

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	cotn ⁻¹ (ctnh ⁻¹)	
Arsh	sinh ⁻¹	
Arth	tanh-1	
arceos	cos-1 (arc cos)	
arcetg	cot ⁻¹ (arc cot)	
arosin	sin-1 (are sin)	
arctg	tan-1 (arc tan)	
ch	conh	
COSOC	CSC	
ctg	cot (ctn)	
oth	coth (ctnh)	
rot	curl	
sch	soch	
sh	sinh	
tg	tan	
th	tanh	

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SOVIET PUBLIC HEAT/TH

(No. 5, 1967)

- USSR -

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No. 2, 1967

- USSR -

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RUSSIAN ABBREVIATIONS IN TEXT

	Academy of Sciences, USSR.
.Arm SSR	
	Central Committee, Communist Party, Soviet Union.
Gintsvetmet	State Institute of Non-Ferrous Metals.
Gipronikal	State Institute for the Design and Planning of Nickel Establishments.
Giprotsvetmet	State Institute for the Design and Planning of Non-Ferrous Metals
•	Industry Establishments.
Giredmet	Industry Establishments. State Rare Metals Scientific Research Institute.
Gosplan	State Planning Committee of the Council of Ministers, USSR.
GOST	
П	Foreign Literature Publishing House.
Kaz SSR	
L_M.	,
Mashria	State Scientific and Technical Publishing House of Literature on Ma-
	chinery.
Neithe zohm	Scientific Research Institute for the Machanical Concentration of
	Minerals.
Make 2 Turned ada da	State Scientific and Technical Publishing House of Literature on
We of Tare RIGHT CO. CO. CO.	Ferrous and Non-Ferrous Matallurgy.
MTC	Scientific and Technical Society.
	State Publishing House of the Defense Industry.
	Council of the Mational Economy.
UAZ	Ural Aluminum Plant.
VANI	All-Union Aluminum and Magnesium Institute.
VUZ	Institution of Higher Education.
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No 5, May 1967

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UNCLASSIFIED Central Intelligence Agency



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,

Money Later Sea for 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.

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