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CONSOLIDATED TRANSLATION SURVEY

Number 117

Through 30 September 1967

CENTRAL INTELLIGENCE AGENCY
Washington, D.C. 20505

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CONSOLIDATED TRANSLATION SURVEY

FOR SEPTEMBER 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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ACIC - Aeronautical Chart and Information Center
(see CFSTI)

ACSI - (see DIA)

AEC - Atomic Energy Commission (see CFSTI)

AERE Harewell Lib
Atomic Energy Research Establishment,
Hanwell,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, N.W.
Washington, D.C. 20005

AIP

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

AMS - Army Map Service (see ACSI)

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

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

JPRS

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

Maritime Admin

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

NASA

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

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

NOO

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

NSJ - See AEC

NSRDC

Naval Ship Research and Development Center
(Code 041)
Washington, D.C. 20007

NRL

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

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, N.W.
Washington, D.C.

Primary Sources

Primary Sources
11 Bleecker Street
New York, New York 10012

RAE - (see TIL, Ministry of Aviation)

Rand Corp

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

Sci & TechInfo Facility

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

SLAC - Stanford Linear Accelerator Center - (see AEC)

TIL - Technical Information Library

Ministry of Aviation
TIL, 1 (b)
Leysdown Road
Mottingham
London, S.E. 9, England

UCRL

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

USSR

Economic

Proposals Discussed for Centralizing and Mechanizing Bookkeeping, by Kh. Rabinovich, 10 pp.
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JPRS 42152

Text and Implementation of Party and Government Decree Concerning Productivity of Labor in Industry and Construction, 17 pp.
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JPRS 42042

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JPRS 42152

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Tour of Soviet Uranium Mining and Processing Facilities, by Vladimir Gubarev, 13 pp.
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JPRS 42433

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JPRS 41899

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JPRS 42369

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JPRS 42073

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First All-Union Conference on Application of Mathematical Economics Methods and Electronic Computer Machines in Branch Planning and Management, by Boris Pavlovich, 9 pp.
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*FTD-HT-23-1248-67-C

Subsidiary Farming of Kolkhoz Members and Sovkhoz Workers, by M. Osad'ko, 8 pp.
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RUSSIAN, rpt, Proceedings of the Azov-Black Sea Research Inst of Marine Fisheries and Oceanography, Vol 21, 1963, pp 29-30.
Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

Economic Value in Using the Balck Sea Anchovy to produce Feed Meal and Fat, by L. A. Alpatikova.
RUSSIAN, rpt, Proceedings of the Azov-Black Sea Research Inst of Marine Fisheries and Oceanography, Vol 21, 1963, pp 63-.
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Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

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RUSSIAN, per, Stal', No. 4, 1967, pp. 289-291.
JPRS 41465

Specialization in Industry by Branch and Area, by V. L. Zemanek, 13 pp.
RUSSIAN, per, Tekhnologiya i Organizatsiya Proizvodstva, No 2, 1967, pp 7-14.
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Problems Arising From the Rapid Development of the Personal Services Industry, by M. Mel'nikov, 6 pp.
RUSSIAN, np, Trud, 6 Jul 1967, p. 2.
JPRS 42075

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JPRS 42152

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Contribution of Soviet Estonia, by E. Andrusov, et al. 6 pp.
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ACSI J-2033
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USSR Trade With Socialist Countries, by N. Baturin, 14 pp.
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Multiplicity of Inhabited Worlds and the Problem of Establishing Communications Between Them, by I. S. Shkolovskiy.
RUSSIAN, per, Vnezemnya Tsivilatsii; Trudy Vsesoyuznovgo Sogeschaniya I, Iz Ak Nauk SSSR, 1965, pp 15-34.
NASA TTF 11,296

Inefficiencies in the Overseas and Coastal Fleet Operations Analyzed, 6 pp.
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Questions of Optimum Enterprise Size and Regional Factors Discussed, by A. Probst, 14 pp.
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JPRS 42238

The Formation and Method of Calculating the Fund for the Reproduction of the Labor Force on Kolkhozes, by M. Sidorova, 13 pp.
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JPRS 42215

Concentrating and Centralizing Production of General-Industrial Products, by L. Kharcheva, 6 pp.
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JPRS 42238

Value of Statistics at Industrial Enterprises under the New Conditions of Planning and Economic Incentive, by G. Baklanov, 9 pp.
RUSSIAN, per, Voprosy ekonomiki, No. 5, May 1967, pp. 116-122.
JPRS 42238

Credit and Reform, by K. Akhmedov, 6 pp.
RUSSIAN, np, Vyshka, 31 May 1967, p. 2.
JPRS 41917

USSR
Economic (Condt)

The Effectiveness of Chemical Industry Development Must Be Raised, by N. P. Fedorenko, 15 pp.
RUSSIAN, per, Zhurnal Vsesoyuznogo Khimicheskogo Obshchestva imeni D. I. Mendeleyeva, Vol XII, No. 2, 1967, pp. 122-128.
JPRS 41558

The Questions of Price Formation in the Chemical Industry, by B. Z. Yurovskiy and E. S. Savinskiy, 12 pp.
RUSSIAN, per, Zhurnal Vsesoyuznogo Khimicheskogo Obshchestva imeni D. I. Mendeleyeva, Vol XII, No. 2, 1967, pp. 133-139.
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-from an Order of the Ministry of Defense of the USSR, 9 May 1967

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Arsh	$\sinh^{-1}$
Arth	$\tan^{-1}$
arccos	$\cos^{-1}$ (arc cos)
arcctg	$\cot^{-1}$ (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
th	tanh

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ctg	cot (ctn)
cth	coth (ctnh)
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Equipment. Weapons.

Chess.

A photo taken by G. Omel'chuk appears on the outside front cover.

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The following words appearing throughout the translation are underlined:

podrazdeleniye	Military unit(s) ranging from crew to battalion in size.
chast	Military unit(s) equivalent to regiment or separate battalion.
soyedineniye	Military unit(s) equivalent to corps, division or brigade.

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RUSSIAN ABBREVIATIONS IN TEXT

ASSR..... Autonomous Soviet Socialist Republic.
CC CPSU..... Central Committee, Communist Party, Soviet Union.
Gosplan..... State Planning Committee of the Council of Ministers of the USSR.
GOST..... All-Union Standard.
L.-M..... Leningrad-Moscow.
LGU..... Leningrad State University.
Mekhanobr..... Scientific Research Institute for Mechanical Concentration of Minerals.
NIUIF..... Scientific Research Institute of Fertilizers and Insectifuges.
RSFSR..... Russian Socialist Federative Socialist Republic.
UNIKhIM..... Ural Chemical Scientific Research Institute.
VAMI..... All-Union Aluminum and Magnesium Institute.
VNIItsvetmet..... All-Union Scientific Research Institute of Non-Ferrous Metallurgy.
VUZ..... Institute of Higher Education.

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RUSSIAN ABBREVIATIONS IN TEXT

AN SSSR..... Academy of Sciences, USSR.
CC CPSU..... Central Committee, Communist Party, Soviet Union.
DAN..... Proceedings of the Academy of Sciences.
Gintsvetmet..... State Institute of Non-Ferrous Metals.
Giredmet..... State Rare Metals Scientific Research Institute.
Gosplan..... State Planning Committee of the Council of Ministers of the USSR.
KazSSR..... Kazakh SSR.
L-M..... Leningrad-Moscow.
Mekhanobr..... Scientific Research Institute for Mechanical Concentration of Minerals.
ONTI..... United Scientific and Technical Publishing Houses.
TsIIN TsM..... Central Office for Information on Non-Ferrous Metals.
UKSTsK..... Ust'-Kamenogorsk Lead-Zinc Combine.
VAMI..... All-Union Aluminum and Magnesium Industry.
VNIITsvetmet..... All-Union Scientific Research Institute of Non-Ferrous Metallurgy.
VUZ..... Institute of Higher Education.

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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,

Nancy Jo Hackett 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)

ENCLOSURE I

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
AD0482732	78-03109A	56	1	5	100	Consolidated Translation Survey For April 1966	4/1/1966	203	Approved For Release	3/25/2004
AD0485874	78-03109A	56	1	6	101	Consolidated Translation Survey For May 1966	5/1/1966	250	Approved For Release	3/25/2004
AD0486759	78-03109A	56	1	7	102	Consolidated Translation Survey For June 1966	6/1/1966	265	Approved For Release	3/25/2004
AD0488131	78-03109A	56	1	8	103	Consolidated Translation Survey For July 1966	7/1/1966	178	Approved For Release	3/25/2004
AD0800235	78-03109A	57	1	1	104	Consolidated Translation Survey For August 1966	8/1/1966	264	Approved For Release	3/25/2004
AD0801439	78-03109A	57	1	2	105	Consolidated Translation Survey For September 1966	9/1/1966	211	Approved For Release	3/25/2004
AD0803607	78-03109A	57	1	3	106	Consolidated Translation Survey For October 1966	10/1/1966	247	Approved For Release	3/25/2004
AD0804982	78-03109A	57	1	4	107	Consolidated Translation Survey For November 1966	11/1/1966	203	Approved For Release	3/25/2004
AD0806465	78-03109A	57	1	5	108	Consolidated Translation Survey For December 1966	12/1/1966	234	Approved For Release	3/25/2004
AD0808740	78-03109A	57	1	6	109	Consolidated Translation Survey For January 1967	1/1/1967	277	Approved For Release	3/25/2004
AD0811456	78-03109A	57	1	7	110	Consolidated Translation Survey For February 1967	2/1/1967	234	Approved For Release	3/25/2004
AD0813563	78-03109A	57	1	8	111	Consolidated Translation Survey For March 1967	3/1/1967	342	Approved For Release	3/25/2004
AD0814969	78-03109A	57	1	9	112	Consolidated Translation Survey For April 1967	4/1/1967	268	Approved For Release	3/25/2004
AD0816126	78-03109A	58	1	1	113	Consolidated Translation Survey Through 31 May 1967	5/31/1967	210	Approved For Release	3/25/2004
AD0818406	78-03109A	58	1	2	114	Consolidated Translation Survey Through 30 June 1967	6/30/1967	271	Approved For Release	3/25/2004
AD0834366	78-03109A	58	1	3	115	Consolidated Translation Survey Through 31 July 1967	7/31/1967	318	Approved For Release	3/25/2004
AD0820905	78-03109A	58	1	4	116	Consolidated Translation Survey Through 31 August 1967	8/31/1967	308	Approved For Release	3/25/2004
AD0822924	78-03109A	58	1	5	117	Consolidated Translation Survey Through 30 September 1967	9/30/1967	330	Approved For Release	3/25/2004
AD0824515	78-03109A	58	1	6	118	Consolidated Translation Survey Through 31 October 1967	10/31/1967	200	Approved For Release	3/25/2004
AD0824581	78-03109A	58	1	7	119	Consolidated Translation Survey Through 30 November 1967	11/30/1967	194	Approved For Release	3/25/2004
AD0832430	78-03109A	58	1	8	120	Consolidated Translation Survey Through 31 December 1967	12/31/1967	100	Approved For Release	3/25/2004
AD0828154	78-03109A	58	1	9	121	Consolidated Translation Survey Through 31 January 1968	1/31/1968	221	Approved For Release	3/25/2004
AD0829939	78-03109A	59	1	1	122	Consolidated Translation Survey Through 29 February 1968	2/29/1968	246	Approved For Release	3/25/2004