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CONSOLIDATED TRANSLATION SURVEY.

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CONSOLIDATED TRANSLATION SURVEY

FOR JULY 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 in 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)

ACSI - (see DIA)

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.

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: CRMCLR

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)

AWRE - (see AEC)

BISI

British Iron and Steel Industry Translations Service
The Iron and Steel Institute
4 Gorsvenor 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

Derwent Publications Ltd.

Derwent Publications Ltd.
Rochdale House, Theobolds Road
London, W. C. 1, England

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)

HR

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

Department of Interior

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

TPRS

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

NASA

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

Natl Bu Stand

National Bureau of Standards
ATTN: Dr. Henry Birnbaum
Room 314, South Building
Washington, D. C.

NIC

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

NIH

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

NSJ - (see AEC)

NSTIC

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

ORNL - Oak Ridge National Laboratory (see AEC)

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Department of Commerce, Patent Office
Scientific Library
14th and Constitution Avenue, NW
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Box 171
McLean, Virginia 22101

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227 West 17th Street
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RSIC - Defense Documentation Center, Redstone
Scientific Information Center
(see CFSTI)

Sci & Tech Info Facility

Scientific and 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)

USSR

Economic

Eastern Block Uses Economic Incentives for Production, by N. Mitrofanova, 12 pp.
RUSSIAN, per, Dan'gi i Kredit, No 3, Mar 1968, pp 68-76.
JPRS 45518

Oil Field Automation in Azerbaydhan, by K. Aver'yanov and V. Vavilov, 5 pp.
RUSSIAN, np, Ekonomicheskaya Gazeta, No 4, Jan 1968, p 19.
JPRS 45667

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JPRS 45560

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JPRS 45,482

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JPRS 45566

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Twin-Hulled Vessels for the Soviet Fishing Fleet, by I. M. Semenov.
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Economic Basis for the Rates of the Fishery Transport Fleet, by N. I. Savin.
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Ways to Improve the Economic Effectiveness of the Fishing Industry of Karakalpak ASSR, by Sh. Tleubergenov.
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The Economic Reform and Production Reserves, by K. Bystritskii.
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Cooperation Between Transport and Fishing Fleets During High-Sea Fishing, by A. I. Rakov.
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The Need to Improve the Accounting and Budgeting System, by A. Ponomarev & N. Zhulin.
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The Bonus Fund of Shops -- An Economic Stimulus for a More Effective Utilisation of Basic Capital, by A. Krivonozov.
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How to Improve the Pay System of the Workers of the Fishing Fleet, by V. S. Virtsev & I. P. Reshetniak.
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Introduction of Cost Accounting to Repair Shops, by V. I. Nemirovskaia.
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Scientific Organization of Labor Aboard a Production Stern-Factory Trawler, by V. G. Makshev.
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An Important Socioeconomic Measure, by G. A. Taktarov.
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The Quality of Fish Production -- A High-Level New Task.
RUSSIAN, per, Rybnoe Khoz., Vol 44, No 4, 1968, pp 94-95.
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Some Features of Midwater Trawling with the (Tropik-class) freezer-trawler "Al'deramin", by G. I. Pakynich.
RUSSIAN, per, Rybnoe Khoziaistvo, Vol 44, No 5, 1968, pp 38-40.
*Dept of Interior
Bureau of Commercial Fisheries
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Efficient Cooperation, by P. Eremenko.
RUSSIAN, per, Rybnoe Khoziaistvo, Vol 44, No 5, 1968, p 41.
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Expand and Improve Mackerel Fishing in the Pacific, by I. A. Semenov.
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New Products from Salted Herring, by I. Draugelene and E. Vostriakova.
RUSSIAN, per, Rybnoe Khoziaistvo, Vol 44, No 5, 1968, pp 61-62.
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Fillet Production Aboard the Freezer-Trawler "Gerkules" by V. Obniakov and A. Malevskii
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Economic Efficiency of Accelerated Transportation of Fishery Products, by L. A. Iashchenko.
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Interest Rates on Fixed Productive Capital Must be Differentiated, by A. Krivonozov,
RUSSIAN, per, Rybnoe Khoziaistvo, Vol 44, No 5, 1968, pp 77-78.
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Training and Promotion of Crew Members at Sea, by I. S. Bupalov
RUSSIAN, per, Rybnoe Khoziaistvo, Vol 44, No 5, 1968, p 80
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Successful Completion of Third Year of Five-Year Plan by Sugar Industry, 10 pp.
RUSSIAN, per, Sakharnaya Promyshlennost', Moscow, No. 3, 1968, pp. 1-6.
JPRS 45,502

USSR
Economic (Contd)

Profitability Not the Sole Measure of Success,
by G. Kotov, 6 pp.
RUSSIAN, np, Sel'skaya Zhizn', Moscow,
16 April 68, pp. 2-3.
JPRS 45,507

Role of Mechanized Labor and Wages in Khabarovskiy Kray Agriculture, by A. Shitikov, 6 pp.
RUSSIAN, np, Sel'skaya Zhizn', 24 April 68,
p. 2.
JPRS 45,500

The Poor Work of Management of Kursksovkhosstroy,
by P. Lipkin, 5 pp.
RUSSIAN, np, Sel'skoye Stroitel'stvo, No 4,
1968, pp 28-29.
JPRS 45574

Reserves for Labor Productivity Growth in
the Ukraine's Sewn Goods Industry, by
R.I. Frukhshtein and L. F. Kiselyuk, 6 pp.
RUSSIAN, per, Shveynaya Promyshlennost',
Moscow, No. 1, March-April 68, pp. 15-18.
JPRS 45,502

An Improvement in the Management of the Sewn
Goods Industry, by V.M. Nikitin, 8 pp.
RUSSIAN, per, Shveynaya Promyshlennost',
Moscow, No. 2, March-April 68, pp. 2-6.
JPRS 45,502

Vigilant Enforcement of Laws on Product De-
liveries, by N. Vishnevetskaya, 5 pp.
RUSSIAN, per, Sotsialisticheskaya Zakonnost'
Jan 68, pp 3-5.
JPRS 45,501

Profit and Loss Accounting, Incentives and
Responsibility as the Basis for the Relation of
the Plant to the Main Administration, by
K. Britsko & L. Leps, 12 pp.
RUSSIAN, per, Sotsialisticheskiy Trud, Mar 1968,
pp 62-70.
JPRS 45580

Relations Between the Specific Features of the
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RUSSIAN, per, Sotsialisticheskiy Trud, Mar 1968,
pp 71-79.
JPRS 45580

USSR
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For Workers in Enterprises -- Converting to the
New System for Planning and Economic Stimulation,
5 pp.
RUSSIAN, per, Sotsialisticheskiy Trud, No 3,
Mar 1968, pp 92-94.
JPRS 45531

Problems of Commodity Supplies in Far North,
by A. Turov and R. Spasskaya, 8 pp.
RUSSIAN, per, Sovetskaya Potrebitel'skaya
Kooperatsiya, No. 4, Moscow, April 68,
pp. 7-10.
JPRS 45,502

People's Control Functions in Trade, by
B. Pashkov, 10 pp.
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<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 (cta)
cth	coth (ctah)
rot	curl
sch	sech
sh	sinh
tg	tan
th	tanh

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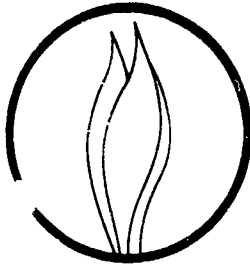
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METAL SCIENCE

AND

HEAT TREATMENT

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ORBAROTKA METALLOY

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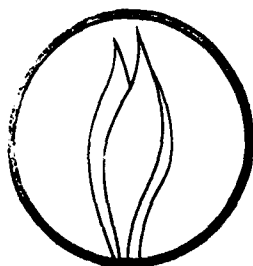
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EDITOR'S NOTE

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.

<u>Soviet Usage</u>	<u>American equivalent</u>
Arch	coch ⁻¹
Arcth	coth ⁻¹ (ctah ⁻¹)
Arah	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	coch
cosch	csc
ctg	cot (ctn)
cth	coth (ctah)
rot	curl
sch	sech
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tg	tan
th	tanh

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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.
Giprobnikel.....	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.....	State Rare Metals Scientific Research Institute.
Gosplan.....	State Planning Committee of the Council of Ministers of the USSR
GOST.....	All-Union Standard
IL.....	Foreign Literature Publishing House
KazSSR.....	Kazakh SSR.
L-M.....	Leningrad-Moscow.
Mekhanobr.....	Scientific Research Institute for the Mechanical Concentration of Minerals.
NTO.....	Scientific and Technical Division.
Sovnarbhoz.....	Council of the National Economy
TsITN TsM.....	Central Office for Information on Non-Ferrous Metals.
UFAN.....	Ural Branch of the Academy of Sciences of the USSR.
Ukr SSR.....	Ukrainian SSR.
YANI.....	All-Union Aluminum and Magnesium Institute.
VUZ.....	Institute of Higher Education.

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No. 3, 1968

- USSR -

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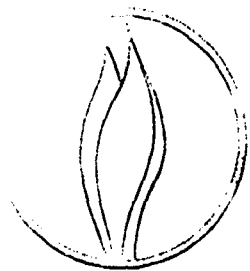
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Washington, D.C. 20505

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
AD08333917	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