

Preliminary Analysis of Radio Beacon Drift in the
Arctic Seas, by N. P. Shesterikov, 8 pp.

RUSSIAN, per, Problemy Arktiki, No 2, 1957,
pp 85-91. 9658706

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Feb 60

107653

8.

Long-service Independent Automatic Stations for
Observations of Currents in the Open Sea, by G. A.
Baikakov, N. F. Kudriavtsev, 5 pp.

RUSSIAN, per, Problemy Arktiki, No 2, 1957,
pp 93-96. 1/35697

9076558

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics
Feb 60

107,654

S-5001

(DC-2632)

Experience of Using Empirical Functions of
Control for Forecasting Tropopause Location,
by Yu. N. Volkonskiy, 5 pp.

RUSSIAN, per, Problemy Arktiki, Sbornik Statey,
No 2, 1957, pp 121-125.

US JPRS-651-D

Sci - Geophys
Jun 59

89,426

8-5512

(DC-2802).

Extent of glacial over Arctic Seas and Central Arctic,
by M. V. Zemskova, N. A. Komashova, 8 pp.

RUSSIAN, per, Akademy Arktiki, No 2, Leningrad,
1957, pp 121-122.

JPR3-1-2019-0

Sci - Geophys, Polarreology
Feb 60

103645

S-5002

(DC-2632).

The Use of Dry Ice for Dispersing Clouds in the
Arctic, by A. I. Voskresenskiy, V. G.
Morachevskiy, V. Ya. Nikandrov, Mf ~~XXXX~~ 9 pp.

RUSSIAN, per, Problemy Arktiki, Sbornik Statey,
No 2, 1957, pp 133-139. > 9658691

US JPRS-651-D

Sci - Geophys
Jun 59{ Amet Meteot. Soc
AF CAMBRIDGE RPS Center

89,425

Interrelations of ~~the~~ Aurora, Radiowave
Propagation, Magnetic and Ionospheric
Disturbance, by F. Ya. Zaborshchikov, N. I.
Fediakina. UNCL

RUSSIAN, per, Problemy Arktiki, No 2, 1957,
pp 149-159.

DSIS, DRB, Canada
T 288 R

Sci - Geophys
Jun 59

89,572

Some Problems in the Arctic Ice Studies, by I. S.
Beschanskiy. UNCLASSIFIED 19_{PP}.

RUSSIAN, per, Problemy Arktiki, Vol II, Leningrad,
1957, pp 161-170.

Sci - Geophysics
May 59

Navy 2139/RD-52
Amber Material for X-R-265

86,752

The Turbulent Heat Exchange Between the Ice Cover
and the Air in the Central Arctic, by G. N.
Yakovlev. UNCLASSIFIED

RUSSIAN, per, Problemy Arktiki, Vol II, Leningrad,
1957, pp 193-204.

Navv 2339/R0 53

Sci - Geophysics
Oct 59

Amer Meteorol Soc
HF Cambridge, Mass.
99, 623

A Method of Underwater Stereophotography in Oceanographic Investigations, by V. S. Loshchilov, 20 pp.

RUSSIAN, per, Problemy Arktiki, No 2, 1957, pp 205-²¹

9458731
9076557

Amer Meteorol Soc
AF Cambridge Res Center

218

Sci - Geophysics

Feb 60

107,652

S-5003

(DC-2632).

Distribution of Magnetic Disturbances in the
Antarctic, by A. P. Nikol'skiy, 5 pp.

RUSSIAN, per, Problemy Arktiki, Sbornik Statey,
No 2, 1957, pp 241-244.

US JPRS-651-D

Sci - Geophys
Jun 59

89,424

RUSSIAN, per, Problemye Artiki, No 3, 1958

Nat Res Council, Canada

being done in full per letter 20 Oct 1958

Translation uncertain. may not be
done

The Question of the Penetration of Arctic Ocean
Waters Into the Bering Sea, by I. G. Meilekh, 8 pp.

MESSLAN, per, Problemy Arktiki, No 3, 1958,
pp 35-40. CIA 649127

Dept of Int.
Gc1 U54 no. III

Amer Meteorol Soc
for Geophys Res Div
ASTIA

OCT 2 1958

100,697

NAVY | H.O. III

Sci - Geophysics
Oct 59

Magnetic Variations in the Region of the
Auroral Zone, by Ya. I. Fel'dchteyn,
Ye. I. Kudina, 11 p.

RUSSELL, per, Problemy Arktiki, 1959, No 3,
pp 53-59.

SLA 59-15569

Sci
Jan 60
Vol 2, No 5

104, 611

The Use of Ultrasonic Vibrations in Hydrological
Investigations, by V. V. Bogorodskiy, A. V. Gusev, 12 p.

RUSSIAN, per, Problemy Arktiki, No 3, 1958, pp 69-78.

9076560

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Feb 60

107,640

The Influence of the Resolution of a Radar
Station on the Accuracy of Determination of
Ice Concentration, by I. D. Denin, 12 pp.

RUSSIAN, per, Problemy Arktiki, No 3, 1958,
pp 61-67. CIA 649093

Amer Meteorol Soc
for Geophys Res Div
ASTIA

Sci - Geophysics
Oct 59

100, 696

The Appearance of Underwater Landslides On
the Echo Tape, by V. T. Martynov, 11 pp.

RUSSIAN, per, Problemy Arktiki, No 3, 1958,
pp 95-101.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Aug 60

121,354

New Models of Oceanographic Apparatus, by S. I.
Chaplygin, 2 p.

RUSSIAN, per, Problemy Arktiki, No 3, 1958,
p.). pp 106-108.

Dkr. J. L. R.
T. 3 27. R.

Amer Meteorol Soc
AF Cambridge Res Center
id

Sci - Geophysics

Feb 60

107,638

5

Concerning the Accuracy of Determining the
Position of the Tropopause, by
Iu. N. Volkonskiy, 3 pp.

RUSSIAN, per, Problemy Arktiki, No 3, 1958,
pp 109-110. 9222940
NLL 7773.75 1964 (T-R-421)
Amer Meteorol Soc on loan
T-R-421

Sci
Jul 64

A Narwhal in the Region of Drifting Station
North Pole-5, by G. L. Rutilevskii, 4 pp.

RUSSIAN, per, Problemy Arktiki, No 3, 1958, pp 116-11

CIA 63-4302

119
Amer Meteorol Soc
AF Cambridge Res Center

Sci - Astron

Jan 60

106,282

High Latitudinal Oceanographic Expedition of the
Diesel-Electric Vessel Ob', by L. L. Balakshin,
5 pp.

RUSSIAN, per, Problemy Arkktiki, No 3, 1958,
pp 124-127. 9694773

Navy Tr 3918/ONI 223

OTS - TR - 64 - 19774

Sci - Earth Sci & Astron
Oct 64

267,973

RUSSIAN, per, Problemye Artiki, No 4, 1958

Nat Res Council, Canada

being done in full per letter 20 Oct 1958

Translation uncertain. May not
be done.

The Hydrometeorological Regime of the Northern Part of
the Atlantic Ocean, by V. M. Ivanov, 13 pp.

RUSSIAN, per, Problemy Arktiki, No 4, 1958, pp 5-14.

96 58 722

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Feb 60

107647

An Approximate Determination of the Heat Balance of
Arctic Basin Waters, by V. G. Timofeyev, 9 pp.

RUSSIAN, per, Problemy Arktiki, No 4, 1958,
pp 23-28. CIA 650508

Amer Meteorol Soc
for Geophys Res Div
ASTIA

Sci - Geophysics
Oct 59

100,693

Geographic Distribution of Aurora in the Western
Part of the Soviet Arctic, by Ya. I. Fel'dshtain,
5 pp.

RUSSIAN, per, Problemy Arktiki, No 4, 1958,
pp 45-49. CIA 9041627

DSIS, DRB Canada
T 329 R

Sci - Geophys; Astron
Sep 59

NLL C-367 95, 639

The Ultrasonic Method of Determining Ice Thickness,
by V. V. Bogorodskiy, 20 pp.

RUSSIAN, per, Problemy Arktiki, No 4, 1958,
pp 65-77. CIA 649126

Amer Meteorol Soc
for Geophys Res Div

ASTIA

HF Cambridge Re
Centre

100,698

Sci - Geophysics

Oct 59

IPC CANADA
T 325 R

Arctic. Soviet Drifting Stations and Expeditions,
1956-1957, 1k pp.

RUSSIAN, per, Problemy Arktiki, No 4, 1958,
pp 103-110, 649437

Amer Meteorol Soc
for Geophys Res Dir
ARCTIA

Sci - Geophys

Oct 59

99,536

Causes of Variation in the Water Temperature of the
Nordkapp Current, by A. S. Demisov, 10 pp.
RUSSIAN, per, Problemy Arktiki, No 5, 1958,
pp 19-26.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics
Jan 61

136,270

The "Age" of Atlantic Water in the Arctic Basin, by V. T. Timofeyev, 6 pp.

RUSSIAN, per, Problemy Arktiki, No 5, 1958,
pp 27-31.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Aug 69

121,363

The Thermal Balance of the Ice Cover of the
Central Arctic, by G. N. Yakovlev, 18 pp.

RUSSIAN, per, Problemy Arktiki, No 5, 1958,
pp 33-44.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Aug 60

121,367

Disturbance of the Magnetic Field in Regions of
Operations of Drifting Stations North Pole-3 and
North Pole-4, by N. A. Milyayev, 19 pp.

RUSSIAN, per, Problemy Arktiki, No 5, 1958, pp 73-80.
CIA 9658733

9080276

SLA 61-12663

Amer Meteorol Soc
AF L. G. Hanscom Field
Res Div, Bedford, Mass
T-R-311

AMER Meteorol Soc
AF Cambridge Res Div
736,643

126-643

Sci - Geophysics
Jan 61

The Drifting Ice Island of Station North Pole-6,
by K. A. Sychev, 6 pp.

RUSSIAN, per Problemy Arktiki, MM No 5, 1958,
pp 121-124.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics
May 60

61-13774

115,826

The Recent Destruction of Bemenevskiy Island, by
Ya. P. Koblenza, 2 pp.

RUSSIAN, per, Problemy Arktiki, No 5, 1958,
pp 125-127.

9658810

AMER Meteorol Soc
AF Cambridge Res Center

Sci - Geophys

Jun 61

The Ice Floe of Station North Pole-7, by N. V.
Mustafin, 2 pp.

RUSSIAN, per, Problemy Arktiki, No 5, 1958,
pp 127. 9658786

Amer Meteorol Soc
AF Cambridge Res Center
Sci - Geophysics T-R-314
Jan 61

Deep Atlantic Waters as a Cause of Certain
Features of the Polar Climate, by V. N. Kupetskij,
13 pp.

RUSSIAN, per, Problemy Arktiki, No 6, 1959,
pp 13-21.

Amer Meteorol Soc
AF Cambridge Res Center

T-R-319

Sci - Geophysics
Jan 61

01-01-1961 136,271

The Waters of the East Greenland Current, by E. I.
Chaplygin, 7 pp.

RUSSIAN, per, Problemy Arktiki, No 6, 1959,
pp 37-41.

NLL M.3431
Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics
Jan 61

136,268

The Drift of Station North Pole-7, by V. A.
Vedernikov, 4 pp.

RUSSIAN, per, Problemy Arktiki, No 6, 1959,
pp 129-132. ¹⁹⁵⁹

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

May 60

115,834

Surface Waters in the Arctic Basin, by A. F. Treshnikov, 12 pp.

RUSSIAN, per, Problemy Arkтики, No 7, 1959, pp 5-14.

Amer Meteorol. Soc
AF Cambridge Res Center

Sci - Geophysics

卷之三

Aug 60

121,368

<p>Lappo, S. D. ON THE DISTRIBUTION OF REPRESENTATIVE MARINE HYDROLOGICAL STATIONS IN THE SO- VIET ARCTIC. 5 Jan 62 [10]p. AID Rept. 62-1; AD-271 543. Order from OTS or SLA \$1.10 62-19120</p> <p>Abstract trans. of <u>Problemy Arktiki</u> (USSR) 1959, no. 7, p. 115-124.</p> <p>DESCRIPTORS: *Hydrology, *Oceanographical charts, Arctic regions, Oceans, Kara sea.</p> <p>(Earth Sciences--Oceanography, TT, v. 8, no. 7)</p>	<p>62-19120</p> <p>I. Lappo, S. D. II. AID-62-1 III. Air Information Div., Washington, D. C. IV. AD-271 543</p> <p>Office of Technical Services</p>
---	---

Nazintsev, Yu. L.
EXPERIMENTAL DETERMINATION OF THE SPECIFIC HEAT AND THERMOMETRIC CONDUCTIVITY OF SEA ICE (Eksperimental'noe Opredelenie Teploemkosti i Temperaturoprovodnosti Morskogo L'da) tr. by Valya Zilius. Apr 60 [11]p. 9 refs. AmMetSoc T-R-285 + ; AD-251 861. Order from OTS or SLA \$1.60 61-19014

Trans. of Problemy Arktiki i Antarktiki (USSR) 1959, no. 1, p. 65-71.

DESCRIPTORS: *Specific heat, Conductivity, Heat transfer, *Ice, Sea water, *Thermodynamics, Measurement.

Specific heat of sea ice may be computed by the formula suggested by Malmgren; (Earth Sciences--Oceanography, TT, v. 8, no. 4) (over)

61-19014

- I. Nazintsev, Yu. L.
- II. AmMetSoc T-R-285
- III. American Meteorological Society, Boston, Mass.
- IV. AD-251 861
- V. Contract AF 19(604)6113

Office of Technical Services

Tide-Gauge Installation on Shora-Ice, Employing
(Auxiliary) Water-Level Gauge, by N. P. Iretski,
2 pp.

RUSSIAN, per, Problemy Arktiki, No 6, 1959,
pp 117-119.

NRCC C-3293

Sci

Apr 61

163,231

OTS, Vol. III, No 12

The Drift of the Icebreaker Admiral Makarov
Convoy in Proliv Longa in 1956, 4 pp, by
B. P. Khimich.

RUSSIAN, per, Problemy Arktiki, No 6, 1959,
pp 121-124. *92-62-16*

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

May 60

115832

The Oceanographic Expedition to the Greenland
Sea on the Diesel-Electric Ship Lena in 1959,
by V. A. Shamont'ev, 3 pp.

RUSSIAN, per, Problemy Arktiki No 6, 1959,
pp 124-127. 963 724

Amer Meteorol Soc
AF Cambridge Res Center

USSR

Geographic

May 60

115835

The 1958 High-Latitude Aerial Expedition, by
M. M. Nikitin, 3 pp.

RUSSIAN, per, Problemy Arktiki, No 6, 1959,
pp 132-135. *115,836*

Amer Meteorol Soc
AF Cambridge Res Center

T-50-16

Sci - Geophysics

May 60

115,836

An Expedition for Setting Out Aleksyev Beacons in
Spring 1958, by Kh. G. Bunyak, 3 pp.

RUSSIAN, per, Problemy Arktiki, No 6, 1959,
pp 135-137.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Aug 60

121,352

d

Certain Characteristics of the Radiation Balance in
the Central Arctic, by N. N. Andreyeva, B. A.
Piatnenkov, 12 pp.

RUSSIAN, per, Problemy Arktiki, No 7, 1959, pp 79-89.
CIA 9658734

Amer Meteorol Soc
AF L. G. Hanscom Field
Res Div, Bedford, Mass
T-R-321

Sci - Geophysics
Jan 61

140,496
Amer Meteorol Soc
All rights reserved
C

Table of Contents

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 1,
1959.

Amer Meteorol Soc
AF Cambridge Res Center

Fluctuation of the Southern Boundary of Polar Ice
in the Laysan Sea, by T. P. Morozova, 9 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 1,
1959, pp 5-10.

Navy Tr 3572/RD 126
OTS TT-63-23138'

Sci - Earth Sci & Astron
Sep 63

344,151

The Current Influence on the Depth of Automatic
Station Recorders, by N. F. Kudryavtsev, 19 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 1,
1959, pp 11-23.

Navy Tr 3573/HO 127
OTS-A SLA 63-23584(22/p)

Sci - Earth Sci & Astron

Sep 63

344,152

RUSSIAN

S-339/60

(NY-4269)

The Role of Turbulence in the Transport of an
Atmospheric KDDy, by L. Yu. Ryshakov, 15 pp.

RUSSIAN, per, Problemy Arktiki Antarktiki, No 1,
1959, pp 25-31.

JPRS 5161

Sci - Geophys

Aug 60

121.824

The Problem of the Albedo on the Surface of Drifting
Ice, by N. N. Bryazgin, 8 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 1,
1959, pp 33-39. n CIA 9658732

Amer Meteorol Soc
AF L. G. Hanscom Field
Res Div, Bedford, Mass
T-R-310

JLA - 61-15227

Sci - Geophysics
Jan 61

140, 495

Arctic and Antarctic (Abstract-Indicative), by T. G.
Konstantinos,

RUSSEIN, per, Problemy Arktichiy Antarktiki,
No 1, 1959, pp 41-48.

IGC
WOT PB 131632-125

Sci - Geophys, Space Res
Jun 60

117,027

Calculation of the Heat Fluxes in the Ice Cover, by
A. V. Ianes, 15 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 1, 1959, pp 49-58

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geogr Acc

Aug 60

121, 35-6

<p>Yakovlev, G. N. THE HEAT FLUX OF EVAPORATION FROM THE SURFACE OF THE ICE COVER IN THE CENTRAL ARCTIC (Teplovoi Potok Ispareniya s Poverkhnostsi Ledyanogo Pokrova v Tsentral'noi Arktilke) tr. by Richard M. Holden, July 60 [7]p, 3 refs. AmMetSoc T-R-305+; AD-251 866. Order from OTS or SLA \$1.10</p> <p>61-19025</p> <p>Trans. of Problemy Arktiki i Antarktiki (USSR) 1959, no. 1, p. 59-63.</p> <p>DESCRIPTORS: *Arctic regions, *Ice, *Heat transfer, *Evaporation, Measurement, Humidity.</p> <p>(Earth Sciences--Frost, TT, v. 8, no. 5)</p>	<p>61-19025</p> <p>I. Yakovlev, G. N. II. AmMetSoc-T-R-305 III. American Meteorological Society, Boston, Mass. IV. AD-251 866 V. Contract AF 19(604)6113</p> <p>Office of Technical Services</p>
--	--

Experimental Determination of the Specific Heat and Thermometric Conductivity of Sea Ice, by Yu. L. Nazintsev, 10 pp.

RUSSIAN, pzz, Problemy Arktiki i Antarktiki,
No 1, 1959, pp 65-71.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Aug 60

121, 357

The Problem of Sea Ice Accretion, by
Yu. P. Doronin, 10 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 1, 1959, pp 73-80. 9654711

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Aug 60

121, 370

The Use of Aerial Photography in Ice Reconnaissance
to Determine the Mean Thickness of the Ice Cover,
by V. S. Loschilov, 8 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 1, 1959, pp 81-85. 9652 61

Amer Meteorol Soc
AF Cambridge Res Center

7-8-210
Sci - Geophysics
Jan 61

136,260

On the Accuracy of Current Measurements by
the Navigational Method, by N. F. Kudryavtsev,
3 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 1, 1959, pp 116-118.

Navy Tr 3574/HO 128
OTS n 84A 63-23585(5ff)

Sci - Earth Sci & Astron
Sep 63

344,153

JET STREAMS OVER THE WEST ANTARCTIC DURING
MERIDIONAL AND ZONAL CIRCULATIONS, BY P. D. ASTAPENKO.

RUSSIAN, PER, PROBLEMY ARKTIKI I ANARKTIKI, VOL VI,
1960, PP 17-26.

NLL M. 3810

SCI - GEOPHYS

OCT 62

213,008

Some Problems of Studying the Perennial Variations
of the Total Ice Cover in the Arctic Seas, by I. V.
Maksimov, 16 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 2,
1960, pp 5-16. CIA 9658741

Amer Meteor Soc
AF R&D Div, L. G. Hanscom
Field, Bedford Mass

Sci - Geophysics
Mar 61

141, 239

The 1959 High-Latitude Aerial Expedition, by M. M.
Nikitin, 4 pp.

ov.
RUSSIAN, per, V Problemy Arktiki i Antark, No 2, 1960
pp 125-127.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophys
May 61

150,468

Simultaneous Radar Studies of Auroras at Frequencies of 75 and 50 MHz, by V. I. Dovger, 5 pp.
RUSSIAN, per, Problemy Arktiki i Antarktiki, Leningrad, No 2, 1960, pp 119-122.
JPRS 50332

Sci-Elect & Elect Engr
May 70

407,324

The Heat Content of Atlantic Waters and the
Expenditure of Heat in the Arctic Basin, by K. A.
Sychev, 13 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 3,
1960, pp 5-15. 9658782

Amer Meteorol Soc
AP Res Div
Hanscom Field
Bedford, Mass T-R-336

OTC 62-12561
Sci - Geophysics
Arg 61

153, 065

The Snow Cover on the Drifting Ice of the
Central Arctic, by G. N. Yakovlev, 19 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 3, 1960, pp 65-76. 9698039

Amer Meteorol Soc T-R-377

Sci - Geophys
Mar 62

188, 055

The Main Cause of the Regular Albedo Decrease
in a Melting Snow Cover, by M. A. Kuznetsov,
8 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 3, 1960, pp 112-115.

Amer Meteorol Soc T-R-365
AF Cambridge Res Center

167,826

Sci - Geophys
Sep 61

Magnetic Variation Inside the Principal Auroral Zone, by Ya. I. Fel'dshtain, Ye. I. Kurdina, 2 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 3, 1960, pp 118, 119. 9072922

SLA 61-11600
DRB Canada
T 342 R

Sci - Geophys
13 Dec 60

Inner Magnetic See
HF bandwings Res Int'l
133,995
NKCC C-3467

C.G. CG-18553-7B

R-8289-D
15 May 67

Research in the field of icebreakers
By: Poznjak, I.I., et al
From: Problemy Arkтики i Antarkтики 4, 1960:130-38 (9 pp)

Russian - est for wds :

Please translate and type 1 original copy. Document
can be cat.

CG CG-18553-73

R-8290-D
15 May 67

Predictions of icebreaker velocity in unbroken ice
By: Smirnov, V. I.
From: Problemy Arktiki i Antarktiki 5, 1960:27-30 (4 pp)

Russian - est for wds:

Please translate and type 1 original copy. Document
can be cut.

The Problem of the Effect of Ice on Tidal Phenomena,
by A. F. Laktionov, 13 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 5,
1960, pp 53-58.

Navy Tr 3436/HO 189

1963 TT 63-102-A

Sci - Earth Sci & Astron
Jul 63

235,771

Estimation of the Accuracy of Long-Range
Weather Forecasts, by M. S. Bolotinskaya

RUSSIAN, per, Problemy Arkтики i Antarktiki,
No 5, 1960, pp 63-66.

NLL M 3979

Sci - Geophys
Feb 63

223,556

CG CG-18553-7B

R-8291-D

15 May 67

Determination of loads which act on ship hull during ice
compression

By: Khejsin, D.E.

From: Problemy Arktiki i Antarktiki 7, 1961:25-31 (7 pp)

Russian - est for wds:

Please translate and type 1 original copy. Document can
be cut.

CG CG-18553-7B

R-8292-D

15 May 67

Contact Pressures Resulting from Impact of the Ice Knife
on Ice

By: Khejsin, D.E.

From: Problemy Arktiki i Antarktiki 8, 1961:67-74 (6 p)

Russian - est for wds:

Please translate and type 1 original copy. Document
can be cut.

(NY-7154)

AEROLOGICAL CHARACTERISTICS OF THE STRUCTURE
OF THE ATMOSPHERE OVER MIRNYY, BY
T. A. XXXXXXXXXX XXXXXXXX TSITOVIDCH,
R. A. ZAGUDAYEVA, 12 PP.

RUSSIAN, PER, PROBLEMY ARKTIKI I ANTARKTIKI,
NO 9, 1961, PP 37-44.

JPRS 14620

SCI - GEOPHYS
AUG 62

205,730

(NY-71540)

ON THE EFFECT OF IRREGULARITIES IN THE EARTH'S
ROTATION ON THE PROCESSES IN ITS ATMOSPHERE
AND HYDROSPHERE, BY N. S. SIDORENKO, 10 PP.

RUSSIAN, PER, PROBLEMY ARKTIKI I ANTARKTIKI,
NO 9, 1969, PP 45-49.

JPRS 14620

SCI - GEOPHYS
AUG 62

205,739

(NY-7154)

THERMAL CHARACTERISTICS OF THE ARCTIC SNOW
COVER, BY ~~A. P.~~ A. P. KOPTEV, 16 PP.

RUSSIAN, PER, PROBLEMY ARKTIKI I ANTARKTIKI,
NO 9, 1964, PP 50-58.

JPRS 14620

SCI - GEOPHYS
AUG 62

205,740

(NY-7154)

ON THE PROBLEM OF NONLINEARITY OF THE ELECTRIC
CHARACTERISTICS OF THE IONOSPHERE, BY
L. P. KUPEROV, 5 PP.

RUSSIAN, PER,PROBLEMY ARKTIKI I ANTARKTIKI,
NO 9, 1960, PP 59-61.

P.M.

JPRS 14620

SCI - GEOPHYS
AUG 62

205,741

(NY-7154)

ON THE PROBLEM CONCERNING THE TREND OF THE
GLACIATION OF FRANZ JOSEF LAND, BY L. S.
GOVORUKHA, I. M. SIMONOV, 4 PP.

RUSSIAN, PER, PROBLEMY ARKTIKI I ANTARKTIKI,
NO 9, 1960, PP 63-65.

1961

JPRS 14620

SCI - GEOPHYS
AUG 62

205,742

(NY-7154)

SOME PROPERTIES OF GIANT PULSATIONS OF THE
GEOMAGNETIC FIELD, BY A. I. OL', N. D. CHICHERINA,
6 PP.

RUSSIAN, PER, PROBLEMY ARKTIKI I ANTARKTIKI,
NO 9, 1960, PP 85-87.

1961

JPRS 14620

SCI - GEOPHYS
AUG 62

205,743

(NY-7154)

Q-INDICES OF GEOMAGNETIC ACTIVITY ACCORDING TO
THE DATA OF SOVIET ARCTIC OBSERVATORIES, BY, G.
I. KOROBKOVA, A. I. OL', 17 PP.

RUSSIAN, PE, R PROBLEMY ARKTIKI I ANTARKTIKI,
NO 9, 1960, PP 89-92.

1961

JPRS 14620

SCI - GEOPHYS
AUG 62

205,744

S-372/62

(NY-7154)

Thirty Years Work of the Polar Magnetic Station in
Tiksi Bay, by A. P. Nikol'skiy.

RUSSIAN, per, Problemy Arktiki i Antarktiki, Sbornik
Statey, No 9, 1961, p. 104.

*JPRS

Sci - Geophys

Jun 62

Demenitskaya, R. M., Karasik, A. M., and
Kiselev, Yu. G.
RESULTS OF A GEOPHYSICAL STUDY OF THE
GEOLOGICAL STRUCTURE OF THE EARTH'S
CRUST IN THE CENTRAL ARCTIC. 1 Oct 63
Order from GPRC

Trans. from Problemy Arktiki i Antarktiki (USSR)
1962, no. 2.

DESCRIPTORS: *Structural geology, *Lithosphere,
*Arctic regions, Geophysics, Geology.

(Earth Sciences--Geology, TT, v. 10, no. 12)

63-22776

I. Demenitskaya, R. M.
II. Karasik, A. M.
III. Kiselev, Yu. G.
IV. Geophysical and Polar
Research Center, U. of
Wisconsin, Madison

Office of Technical Services

Gordienko, P. A.

SCIENTIFIC OBSERVATIONS AND CONDITIONS OF
DRIFT OF THE STATION "NORTH POLE" (SEVER-
NYI POLJS"). 1 Oct 63
Order from GPRC

Trans. from Problemy Arktiki i Antarktiki (USSR)
1962, no. 2.

DESCRIPTORS: *Scientific research, *Drift, *Ice
islands, Test facilities, *Arctic regions, Weather
stations.

(Earth Sciences--Frost, TT, v. 10, no. 12)

63-22778

I. Gordienko, P. A.
II. Geophysical and Polar
Research Center. U. of
Wisconsin, Madison

Office of Technical Services

Some Results of Atmospheric Research over the
Arctic Ocean, by I. M. Dolgin, 8 pp
ISSIAN, per, Problemy Arktiki i Antarktiki,
No 11, 1962, pp 31-30.
JPNR 23482

ISSIIR
Sci-Bart Sciences & Astrology
Apr 65

277,650

Results of Geophysical Investigations in
Central Arctic, by V. S. Ignatov, et al, 13 pp
RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 11, 1962, pp 65-74
JPRS 29432

USER
Sci-Earth Sci & Astronomy
Apr 65

277,651

Latitudinal Shifts in Zone of Turning (Reversal)
of Diurnal Variations of the Magnetic Field in
the Arctic, by N. A. Milyutin, 7 pp
RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 11, 62, pp 75-79.
JPRS 29432

USRR
Sci-Bart Sci & Astronomy
Apr 65

377,652

Results of the Geological Structural Studies
of the Earth's Crust in the Central Arctic by
Geophysical Methods, by R. M. Denenitskye, A.
M. Krasik and Yu. G. Kisielov, 8 pp
HESIAN, per, Problemy Arktiki i Antarktiki,
No 11, (2, pp 91-95.
JPRS 29432

USCR
Sci-Earth Sci & Astronomy
Apr 65

271,653

Problem of the Aseismicity of Antarctica and Greenland, by
P. S. Voronov, I. C. Klushin.
RUSSIAN, per, Problemy Arktiki i Antarktiki, Vol XII, 1963,
pp 5-13.

NZDIA

Sci - Earth Sci

Feb 64

250,137

DIA-13690003/65

Experimental Prediction of the Secular
Component of Solar Activity, by I. V.
Maksimov.

RUSSIAN, per, Problemy Arktiki i Antartiki,
1963, No 12, pp 21-32.
NLL RTS 2532 (On Loan or Purchase)

C FSTI IT 64-19954

Aug 65

287,031

On Relief Forms of Floating Ice, by G. N. Yakovlev.
RUSSIAN, per, Problemy Arktiki i Antarktiki, No 12,
1963, pp 61-68.
NTC-71-10256-08L

Nov 71

Two Types of Ionospheric Storms,
by A. S. Besprozvannya, 16 pp.
FOR OFFICIAL USE ONLY
RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 13, 1963. 9699493
FSTC 381-T65-550
ACSI I-8581
ID 2204052265

Sci - ES
Feb 66

295,446

Study of the Nature of Long Baric Waves
in the Arctic and in the Antarctic, by
I. V. Maksimov.

RUSSIAN, Problemy Arktiki i Antarktiki,
1963, No 13, pp 5-12.
NLL RTS 2533 (On Loan or Purchase)

Aug 65

287,132

TT-64-23502

CG

R-8353-D

2 June 67

Analytic determination of the resistance moment of a
propeller during its interaction with ice

By: Jagodkin, V. Ja

From: Problemy Arktiki i Antarktiki 13, 1963:79-88

(10 pp)

Russian - est for wds:

Please translate and type 1 camera ready copy. Document
can be cut.

Unusual Airglow, by V. I. Gerasimenko.
RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 13, 1963, pp 129-130.
*AFCRL

Sci-Astron
Nov 69

On the Problem of the Trends and Coordination of Research on
Long Range Meteorological Forecasts, by A. A. Girs, 17 pp.
RUSSIAN, per, Prob Arkt i Antarkt, No 14, 1963, pp 5-15.
(Table of Contents, Foreward)

JPRS 23074

Sci-Ear Sci
Feb 64

248, 145

A Numerical Method of Computing Ice Thickness and Temperature,
by Yu. P. Doronin, 12 pp.
RUSSIAN, per, Probl Arkt i Antarkt, No 14, 1963, pp 17-26.
(Table of Contents, Foreward)

JPRS 23074

Sci-Ear Sci
Feb 64

248, 146

CG CG-18553-7B

R-8293-D

15 May 67

Loss in operation time of icebreakers due to maintenance
and a method of its determination

By: Pavskij, E.I.

From: Problemy Arktiki i Antarktiki 14, 1963:33-39 (7 p)

Russian - est for wds:

Please translate and type 1 original copy. Document
can be put.

Short Period Disturbances of Solar Activity and Possible Reasons
for the Ambiguity in Their Connection with Fluctuations of
Hydrometeorological Elements, by B. A. Sleptsov-Shevelich,
11 pp.

RUSSIAN, per, Probl Arkt i Antarkt, No 14, p963, pp 41-46.
(Table of Contents, Foreward)

JPRS 23074

Sci-Ear Sci
Feb 64

248, 147

F 872 - 381 - T65 - 549

I - 8580

9699454 10-22040521-65 over

The Role of Meteorological Conditions in the Formation of the
Snow Ice Surface of Antarctica, by I. D. Kopanev, 8 pp.

RUSSIAN, per, Probl Arkt i Antarkti, No 14, 1963, p 467-52.
(Table of Contents, Foreward)

JPRS 23074

Sci-Ear Sci
Feb 64

248, 148

Oceanographic Research in the Central Arctic, by N. I. Blinov,
10 pp.

RUSSIAN, per, Probl Arkt i Antarkt, No 14, 1963, p 53-59.
(Table of Contents, Foreward)

JPRS 23074

Sci-Ear Sci
Feb 64

248, 149