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WITHDRAWAL SHEET

Ronald Reagan Library

Collection Name DOBRIANSKY, PAULA: FILES

Withdrawer

CAS 5/7/2012

File Folder ROMANIA-LANDSAT (5)

FOIA

M11-438

Box Number 5

DAVID

12

ID	Doc Type	Document Description	No of Pages	Doc Date	Restrictions
135828	NSC PROFILE SHEET		1	8/17/1983	B1
		R 4/18/2013 M438/1			
135829	MEMO	SEC WEINBERGER TO WILLIAM CLARK RE ROMANIA	1	8/17/1983	B1
135830	MEMO	RICHARD BURT TO THE SECRETARY RE ROMANIA (SAME AS 135791)	1	8/12/1983	B1
		R 5/10/2017 M438/1			
135831	CABLE	RE ROMANIA	1	ND	B1
135832	MEMO	FOR THE DEPUTY ASST SECRETARY, OSD RE ROMANIA	1	8/17/1983	B1
135833	MEMO	FRED IKLE TO LAWRENCE EAGLEBURGER RE ROMANIA	1	8/15/1983	B1
135834	MEMO	TO THE UNDER SECRETARY OF DEFENSE FOR POLICY RE ROMANIA	3	8/10/1983	B1
		D 1/22/2013 M438/1			
135841	PAPER	RE SALE (SAME TEXT AS 135600)	15	ND	B1
		R 5/10/2017 M438/1			
135843	NOTE	RE ROMANIA	1	ND	B1

Freedom of Information Act - [5 U.S.C. 552(b)]

B-1 National security classified information [(b)(1) of the FOIA]

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ID	Doc Type	Document Description	No of Pages	Doc Date	Restrictions
135845	MEMO	SEC BALDRIDGE TO SEC SHULTZ ET AL RE EXPORT ADMINISTRATION REVIEW BOARD (EARB) <i>R 5/10/2017 M438/1</i>	2	6/6/1984	B1
135864	PAPER	BACKGROUND PAPER FOR EARB MEETING	6	ND	B1
135865	PAPER	RE EARB MEETING	1	6/27/1984	B1
135866	MEMO	RICHARD BURT TO THE SECRETARY YOUR EARB MEETING	5	ND	B1
135867	MEMO	SEC BALDRIDGE TO SEC SHULTZ ET AL RE EARB MEETIN <i>R 6/14/2013 M438/1</i>	1	6/8/1984	B1
135868	PAPER	SAME AS 135864	6	ND	B1
135869	PAPER	RE REVIEW	6	ND	B1
135870	TALKING POINTS	FOR SECRETARY'S PRESENTATION AT EARB MEETING <i>R 5/10/2017 M438/1</i>	2	ND	B1
135871	PAPER	RE LIKELY ARGUMENTS	4	ND	B1

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RemAwit

NSC/S PROFILE

~~SECRET~~

ID 8306122

RECEIVED 01 SEP 83 15

TO

CLARK

FROM WEINBERGER, C

DOCDATE 17 AUG 83

135828

KEYWORDS EXPORT CONTROLS

ROMANIA

DECLASSIFIED

NLRR n438 #135828

BY KNL NARA DATE 4/18/13

SUBJECT. EXPORT TO ROMANIA OF DAEDALUS AIRBORNE MULTISPECTRAL SCANNER

ACTION: NOTED BY CLARK

DUE:

STATUS C

FILES PA

FOR ACTION

FOR CONCURRENCE

FOR INFO

FORTIER

ROBINSON

DOBRIANSKY

MATLOCK

COMMENTS

REF# X26751

LOG 8304800

NSCIFID

(H / H)

ACTION OFFICER (S)

ASSIGNED

ACTION REQUIRED

DUE

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135829	MEMO SEC WEINBERGER TO WILLIAM CLARK RE ROMANIA	1	8/17/1983	B1

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ACTION MEMORANDUM

83 AUG 12 10 33 AM '83

135830

12 AUG 1983

3

To: The Secretary

From: EUR - Richard Burt

Subject: Landsat for Romania

ISSUE FOR DECISION

Whether to raise Landsat with Judge Clark and possibly with the President during your trip to Mexico.

ESSENTIAL FACTORS

We understand from the NSC that Judge Clark regards the Landsat case as having been rejected due to Secretary Weinberger's continued opposition. This reflects Judge Clark's understandable reluctance to put the President in the position of having to report to the Congress that he has issued this license despite Secretary Weinberger's continued opposition on national security grounds.

We have maintained consistently that the technology in question is not sensitive and that the case should be approved. Our position has been given an unexpected boost by an analysis (attached) recently received from the section of the Air Force responsible for this sort of technology. The Air Force study makes crystal clear that the technology in question is: (a) old, (b) far from the state-of-the-art, (c) equaled if not surpassed by known Soviet technology and (d) of no military significance.

If this case is denied, Secretary Baldrige will have to inform Judge Barrington Parker no later than next Friday of the decision and the reasons for it. The company, which has invested considerable time and energy, is doubtless aware that its technology is not sensitive. Moreover, since the Air Force's study is largely unclassified, the company should have little difficulty in obtaining this material through FOI channels. This means that the Administration could be put in an extremely embarrassing position of having declined a license for no credible reason. We do not know whether Judge Clark has seen the Air Force study and is aware of its conclusions. Given the importance of this case, and its significance if we are to maintain a credible policy of differentiation in Eastern Europe, I recommend that you use the opportunity of your trip to Mexico with Judge Clark and the President to raise this case again and urge that Judge Clark seek Secretary Weinberger's approval of the license.

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DECL: OADR

NLRR M438 #135830

BY FW NARA DATE 6/2/87

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135831	CABLE RE ROMANIA	1	ND	B1

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135832	MEMO FOR THE DEPUTY ASST SECRETARY, OSD RE ROMANIA	1	8/17/1983	B1

Freedom of Information Act - [5 U.S.C. 552(b)]

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135833 MEMO

1 8/15/1983 B1

FRED IKLE TO LAWRENCE EAGLEBURGER RE
ROMANIA

Freedom of Information Act - [5 U.S.C. 552(b)]

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135834	MEMO TO THE UNDER SECRETARY OF DEFENSE FOR POLICY RE ROMANIA	3	8/10/1983	B1

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TO: Ms. Dobriansky

FROM: EUR/EEY
Robert W. Smith
632-1739

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SUBJECT: DS-1260 Daedalus Scanner Sale

11
135841

1. Soviet Military Infrared Reconnaissance Capability

(C-NOFORN) In an article published in East Berlin Militaerwesen, Aug 79 pp 57-64, Lt Col W. Welzer described an infrared reconnaissance capability with a field of view of 90 to 120° and a resolution of approximately one milliradian. He also stated, "Every modern reconnaissance aircraft now has an infrared scanner, because the technical expense is not very great." If it is assumed that these systems have a velocity to height ratio of one radian/sec and use a single element Mercury Cadmium Telluride (HgCdTe) detector, the thermal resolution would be about 0.3°C. This would be sufficient to provide a useful military infrared reconnaissance capability. It is also predicted that the capability exists to downlink the infrared line scan system.

2. Soviet Civilian Infrared Reconnaissance Capability

II (U) The Soviets have been using infrared line scanners for remote sensing work since at least 1967. The first known system was flown in a CUB (DC-3 equivalent) in 1967 to record thermal activity of volcanoes. The optics and detectors were fairly good, however the film recording appeared to be crude.

(U) In the Soviet Journal of Optical Technology, Jan 1979, E. Ya. Karizhenskii, et al., describe the basic specification of the "Vulkan" thermal imaging system, (See Table I). They also mention the "Templo-4" and indicate that the two systems are similar. They state that the next step in the development of thermal aerial photography is to use equipment with a larger number of channels, i.e. several narrow zones of the 8-13 μ m "window."

Table I. Basic Specifications of the "Vulkan" Thermal Imaging System

Field of view	80 deg
Instantaneous field of view (resolution)	7 arc min
Number of channels	2
Temperature sensitivity against 20°C background	-
3-5 μ m channel	0.5 deg
8-13 μ m channel	0.25 deg
Operating speed w/H	0.3 sec ⁻¹
Film width	190 mm
Weight of system	195 Kg
Cooling system	closed loop (liquid nitrogen)

Classified by: DST 1740815682
Declassify: OADR

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NLR M438 #135841
BY *fw* NARA DATE 6/2/17

3. Soviet Civilian Visual Multispectral Capability

(U) In the GDR magazine Vermessungstechnik, Jan 1980, G. Harnisch described the characteristics of a Soviet S-500 multispectral scanner. This scanner records eight bands of visual and very near infrared data digitally onto magnetic tape for ground analysis. The article identifies the ground resolution of the system from an altitude of 8 Km and also indicates that the system is calibrated. Pictures provided from the data indicate possible problems in stabilization, however, this has no effect on the intended use of the data.

MULTISPECTRAL

Parameters	S-500
Number of channels	8
Spectral bands	.49 - .55 μ m .52 - .57 .56 - .63 .62 - .71 .68 - .73 .73 - .80 .80 - .97 .90 - 1.06
Detectors	Si
Sensitivity	?
Field of view	80°
Resolution	1.25 x 2.5 m
Recording	Digital on Magnetic Tape
Calibration	Yes (Method unknown)

4. Daedalus DS-1260 Multispectral Scanner

(U) The DS-1260 scanner records 11 channels of data onto magnetic tape in a high density digital form (HDDT). Ten of the channels are from a spectrometer head covering the spectral region of 0.38 to 1.10 μ m and the eleventh channel is thermal infrared in the 8.0 to 13.0 μ m region. The HDDT is processed on the ground based computer system to produce the desired images. The spectral combinations provide useful information for remote sensing applications such as crop classification, mineral exploration, water resource management, etc.

(U) The design of the system is such that any significant improvements in resolution or sensitivity are very difficult and would require a complete redesign of the optical head. The "digital recording" is accomplished by an A to D converter and a buffer whose output is recorded on a standard direct record tape recorder. The tape recorder is technology developed in the early 1960's and is far less sophisticated than any recorder used in modern TV stations around the world.

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DAEDALUS DS 1260

No of channels	11
Spectral Bands	.38 - .42 μm .42 - .45 .45 - .50 .50 - .55 .55 - .60 .60 - .65 .65 - .69 .70 - .79 .80 - .89 .92 - 1.10 3.0 - 5.5 or 8.0 - 13.0
Detectors	Si InSb or HgCdTe
Sensitivity	
Visual region	$< 6 \times 10^{-8}$ watts/cm ² mm sr
Infrared	$< 0.2^\circ \text{ C}$
Field of View	86° or 42°
Resolution	2.5 μm or 1.25 μm
Recording	Digital on Mag. Tape
Calibration	References Sources

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5. Summary of Airborne Systems

(U) The remote sensing capability supplied by the Daedalus DS-1260 is about equal to the use of the Soviet S-500 multispectral system and the Vulkan infrared scanner. The technology of the two systems is very similar. Neither system could approach the present state-of-the-art of military infrared reconnaissance systems nor would either system provide useful military data.

(U) The type of multispectral systems represented have demonstrated world-wide social-economic applications. This includes crop management, water resource management, oil and mineral exploration, pollution studies and numerous other applications. The usefulness of this type of data has been disseminated world wide through "The International Symposium on Remote Sensing of Environment" sponsored by The University of Michigan, Ann Arbor.

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- ° Downlooking Line Scan
 - 1.0 milliradian resolution (1 ft @ 1000 ft altitude)
 - 90° to 120° field of view
 - V H R of 1 radian/second (Mach 1 @ 1000 ft altitude)
 - CRT to film recording
 - HgCdTe detector (8.0 to 13.0 μm) *
 - 0.3° C thermal Sensitivity *

* estimated

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SOVIET CIVILIAN SYSTEMS

Infrared

Parameter/ System

No. of channels

Detectors

Spectral Bands

Thermal Sensitivity

Field of view

Resolution

Recording

Calibration

VULKAN

2

InSb & HgCdTe

3.0 - 5.5 / 8.0 - 13.0 μm

0.5° C / 0.25° C

80°

2.0 mr

CRT to film

Mag. Tape possible

Electronic

TEMPLO -4

2

InSb & Ge: Au

3.0 - 5.5 / 8.0 - 13.0 μm

?

80°

2.0 mr

CRT to film

Mag. tape possible

?

MULTISPECTRAL

Parameters

No. of channels

Spectral bands

S-500

8

.49 - .55 μm

.52 - .57

.56 - .63

.62 - .71

.68 - .73

.73 - .80

.80 - .97

.90 - 1.06

Detectors

Sensitivity

Field of view

Resolution

Recording

Calibration

S1

?

80°

1.25 x 2.5 mr

Digital on Mag. Tape

Yes (Method unknown)

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DAEDALUS DS 1260

③
17

No of channels	11
Spectral Bands	.38 - .42 μ m .42 - .45 .45 - .50 .50 - .55 .55 - .60 .60 - .65 .65 - .69 .70 - .79 .80 - .89 .92 - 1.10 3.0 - 5.5 or 8.0 - 13.0
Detectors	Si InSb or HgCdTe
Sensitivity	
Visual region	$< 6 \times 10^{-8}$ watts/cm ² nm sr
Infrared	$< 0.2^\circ$ C
Field of View	86° or 42°
Resolution	2.5 m or 1.25 m
Recording	Digital on Mag. Tape
Calibration	References Sources

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COMPARISON AIRBORNE SCANNING SYSTEMS

PARAMETER/SYSTEM

No. of channels

Spectral Bands

Soviet VULKAN

2

3.0 - 5.5 μm

8.0 - 13.0

Soviet S-500

8

.49 - .55 μm

.52 - .57

.56 - .63

.62 - .71

.68 - .73

.73 - .80

.80 - .97

.90 - 1.06

Daedalus DS-1240

11

.38 - .42 μm

.42 - .45

.45 - .50

.50 - .55

.55 - .60

.60 - .65

.65 - .69

.70 - .79

.80 - .89 { 3.0 - 5.5 or
8.0 - 13.0

.92 - 1.10

Resolution

2.0 mr

Field of view

80°

Sensitivity

0.5° C

0.25° C

Digital Recording

No

Tape or Film

Film

Calibration

Electronic

Detector Type

InSb

HgCdTe

Real Time Capability

Possible

1.25 x 2.5 mr

?

?

Yes

Tape

?

Si

None

1.25 or 2.5 mr

42° or 86°

< 6X 10⁻⁷ W/cm² mm sr

< 0.2° C

Yes

Tape

Reference Sources

Si

InSb or HgCdTe

None

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19 (5)

OBSERVATIONS

- o Soviet TEMPLO -4 plus S-500 systems provide equivalent capability of DAEDALUS DS 1260
- o DAEDALUS DS 1260 can not be upgraded without major redesign
- o Sangamo Saber -3 Tape Recorder used on DAEDALUS DS -1260 represents 1960 to 1963 US technology
- o Digital recording and playback of Soviet S - 500 and DAEDALUS DS 1260 are comparable

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SPACEBORNE SENSOR

20
8 Aug 83

Introduction

The following paper has been prepared in response to a verbal (telephone) request from Steve Saboe, Department of State on 4 Aug 83.

Attachments

A chart has been provided showing the capabilities of currently operational Soviet visible and infrared sensors. Also included is a second chart showing the capabilities of sensors carried on Landsat-D compiled from information available to FTD.

Observations

The US multispectral scanner on Landsat-D is comparable to the Soviet Fragment package. They both have similar resolution (85 meters) in the four spectral band in which they both operate. In contrast, the Fragment package has 4 additional spectral bands, but operates over only half the ground swathwidth. This is due to a difference in design priorities between the two sensors and not technological limitations.

The second Landsat sensor, the Thematic Mapper, is similar to the Soviet MSU-E. They have comparable resolution (30 meters) but are different in the number of spectral bands, swathwidth and operating principles. The Soviet sensor has 3 channels as compared to the 7 channels for US sensors. The Soviet sensor's swathwidth is 1/6 the width of the US sensor. The Soviet sensor is a television type scanner whereas the thematic mapper is a mechanical scanner. The technology used for the Soviet sensor

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is not very advanced in comparison to the thematic mapper but is good for a television type scanner. The additional swathwidth and spectral bands would make the thematic mapper somewhat superior to the Soviet MSU-E.

Additional Considerations

Since the launch of the two Soviet sensors in 1980, Soviet open source literature has displayed plans for more advanced sensors. Various articles have indicated the plans to use charged couple devices (CCD) in arrays and matrixs. This, combined with the recent launch of a new Earth resource satellite, Cosmos 1484, could indicate that the Soviets may currently be flying more advanced sensors. Currently there is no information available on the sensors being flown on Cosmos 1484 to confirm or deny this statement.

Conclusions

11 The US is currently flying sensors with some superiority over known Soviet sensors. It is unknown what the level of technology that is involved in the sensors that are being flown on Cosmos 1484. It is equally unclear, if any deficiency in the Soviet data base, if it exists, would be impacted by the use of US Landsat terminal since Landsat data is currently available to the Soviets through other means.

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SOVIET EARTH RESOURCES SENSORS

	RTVK			BIX-E	
	<u>MSU-S</u>	<u>MSU-M</u>	<u>FRAGMENT</u>	<u>MSU-E</u>	<u>MSU-SK</u>
1) Number of Channels	2	4	8	3	4
2) Bands Used (μ M)	0.5-0.7 0.7-1.0	0.5-0.6 0.6-0.7 0.7-0.8 0.8-1.0	0.4-0.7 0.5-0.6 0.6-0.7 0.7-0.8 0.7-1.1 1.2-1.3 1.5-1.8 2.1-2.4	0.5-0.7 0.7-0.8 0.8-1.0	0.5-0.6 0.6-0.7 0.7-0.8 0.8-1.0
3) Sensitivity ($W\ cm^{-2}Sr^{-1}\ M^{-1}$)	Unknown	Unknown	320-13.3	Unknown	Unknown
4) Digital A/D Capability	Digital or Analog	Digital or Analog	Digital Only 4 Mbit/s Rate	D or A 7.68 Mbit/s	D or A 7.68 Mbit/s
5) Quick Look/Near-Real-Time Capability	Yes	Yes	Yes	Yes	Yes
6) Tape to Imagery Capability	Standard Photo- telegraphic Equipment	Standard ATP, Photo- telegraphic Equipment	Recorded-Rerecorded- half tone display - corrected - B&W photographic medium - MSP4	'VOLGA Photo- telegraphy'	'Newspaper pictures'
7) Recorder Capability (on Satellite)	Yes	Yes	Undetermined	Yes	Yes
8) Training Required	N/A	N/A	N/A	N/A	N/A

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SOVIET EARTH RESOURCES SENSORS (Cont)

RIVK

BIK-E

MSU-S

MSU-M

FRAGMENT

MSU-E

MSU-SK

Uses Reference
Lamp

Uses Reference
Lamp

Uses Reference
Emitter

No InFlight
Calibration

Uses Internal
Standard and
the Sun

1

1

6

1

1

FEU-112
FEU-114
(Gallium Arsenide)

FEU-112
FEU-114
(Gallium Arsenide)

FEU-112
FEU-114
FD-8
FS-2AN
(Gallium Arsenide,
Germanium, and
Lead Sulfide)
Cooled to -40°C

OCD
(Silicon)
Cooled to -40°C

Photo Receivers
of unknown type

1400

2000

85

30

600

240

1000

80-480

30

170

None

None

None

None

None

Mechanical Pyramid
Line
Rotating Mirror

Mechanical Pyramid
Line
Mirror

Mechanical Flat
Multiple Line
Mirror

Electronic
OCD Scanner

Mechanical
Conical Line
Mirror

48

4

78

218

48

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23

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US EARTH RESOURCES SENSORS

	<u>THEMATIC MAPPER</u>	<u>MULTISPECTRAL SCANNER</u>
1) Number of Channels	7	4
2) Bands Used (μM)	0.45-0.52 0.52-0.60 0.63-0.69 0.76-0.90 1.55-1.75 10.4 -12.5 2.08-2.35	0.5-0.6 0.6-0.7 0.7-0.8 0.8-1.1
3) Sensitivity ($\text{W cm}^{-2} \text{SR}^{-1} \text{M}^{-1}$)	Unknown	Unknown
4) Digital A/D Capability	Digital 84.9 Mbit/s	Digital 15.06 Mbit/s
5) Quick Look/Near-Real-Time Capability	Yes	Yes
6) Tape to Imagery Capability	Retransmitted to for processing	Retransmitted for processing
7) Recorder Capability (on Satellite)	No	No
8) Training Required	N/A	N/A

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US SOVIET EARTH RESOURCES SENSORS (Cont)

	<u>THEMATIC MAPPER</u>	<u>MULTISPECTRAL SCANNER</u>
9) Calibrating	Sun	Sun/Lamp
10) Detectors Per Channel	4, 16	6
11) Type of Detectors	Silicon, InSb, HgCdTe	Photomultiplier, Silicon Photodiodes
12) FOV/Swathwidth (KM)	185 KM	185 KM
13) Resolution (Meters)	30 - 120 meters	83 meters
14) Flexibility of Use	None	None
15) Scan Mechanism	Mechanical Flat Multiple Line Mirror	Mechanical Flat Oscillating Scanning Mirror
16) Scanning Rate (Lines/s)	28 112	13.6

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135843 NOTE

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RE ROMANIA

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JUN 6 1984

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27
File:
Romania

MEMORANDUM FOR: SECRETARY OF STATE
SECRETARY OF DEFENSE
SECRETARY OF TREASURY
SECRETARY OF ENERGY
ASSISTANT TO THE PRESIDENT FOR
NATIONAL SECURITY AFFAIRS
DIRECTOR OF CENTRAL INTELLIGENCE
CHAIRMAN OF THE JOINT CHIEFS OF STAFF
ADMINISTRATOR OF NASA

SUBJECT: Export Administration Review Board (EARB) Meeting,
June 12

I will hold a meeting of the EARB in my office on Tuesday, June 12 at 10:00 a.m. There are three specific licensing cases which require Board decision.

These cases involve implementation of our export control policy toward Eastern Europe, especially Romania, as decided by the President in National Security Decision Document 54.

The three are:

1. Romanian Landsat Cases:

There are three International Imaging Systems, Inc. (I²S) cases (559661, 638406 and 638457) pending which make up the "Romanian Landsat Case." A decision is needed -- one case is close to three years old, while the others have been in processing for a year and a half. The intelligence community has recently completed a major study on these cases.

2. ROM - CDC Cases:

The Control Data Corporation has three licenses pending for the export of spare parts and some technology (676664, 676665, and 676666) for export to Romania to support a ROM-CDC joint venture to assemble disc drives for installation on Soviet Bloc computers. The licenses would upgrade earlier licenses to permit the assembly of 200 megabyte disc drives from the current allowable level of 60 megabyte. These cases remain undecided after more than one year.

~~SECRET~~

Classified by: Walter J. Olson
Classified on: OADR

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RY *fw* NARA DATE 6/2/87

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28

- 2 -

3. Austrian Airline Case:

The third issue is a license for reexport (645988), from Austria of a used IBM computer central processing unit for installation in Hungary on a RYAD computer of Soviet Bloc manufacture. The case has been pending a decision for about a year and a half.

A paper on each of these cases will follow shortly.

Please have your office confirm your attendance with Helen Robbins, 377-5283.

MAC

Secretary of Commerce

Drafted by: DSchlechty:PPD/OEA:jj - 5-31-84
Edited by: DSchlechty:pmh - 6/4/84
Edited by: OWethington:pmh - 6/5/84
Wang 589 pgs. 1-2

cc: Olmer/ Archey/ OGC/ Olson/ DeCain/ Boidock/ Schlechty/
OEA Files/ Chrono

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135864 PAPER

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BACKGROUND PAPER FOR EARB MEETING

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135865	PAPER RE EARB MEETING	1	6/27/1984	B1

Freedom of Information Act - [5 U.S.C. 552(b)]

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135866	MEMO RICHARD BURT TO THE SECRETARY YOUR EARB MEETING	5	ND	B1

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MEMORANDUM FOR SECRETARY OF STATE
SECRETARY OF DEFENSE
SECRETARY OF TREASURY
SECRETARY OF ENERGY
ASSISTANT TO THE PRESIDENT FOR
NATIONAL SECURITY AFFAIRS
DIRECTOR, CENTRAL INTELLIGENCE AGENCY
CHAIRMAN, THE JOINT CHIEFS OF STAFF
ADMINISTRATOR, NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION

SUBJECT: Export Administration Review Board (EARB)
Meeting of June 12, 1984

Attached is a background paper summarizing the cases to be discussed at the EARB meeting of June 12, 1984. Also attached is an executive summary prepared by the Technology Transfer Intelligence Committee (TTIC) of its report on the proposed LANDSAT ground station sale to Romania.

Malcolm Baldrige
Secretary of Commerce

Attachments

~~SECRET~~

June 8, 1984

THE SECRETARY OF COMMERCE
Washington, D.C. 20230

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BY km NARA DATE 1/22/13

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135868	PAPER SAME AS 135864	6	ND	B1

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135869	PAPER RE REVIEW	6	ND	B1

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(35870) 54

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TALKING POINTS FOR THE SECRETARY'S PRESENTATION
AT EARB MEETING

● We now have the results of an exhaustive six-month technical intelligence study on Landsat. All agencies (including the CIA and the three armed services), except for OSD and DIA, agree that the technology gain would be "minimal" even if Soviet access is assumed. Ambassador Funderburk also supports the sale. In brief,

- the major components cannot be reverse engineered;
- the Soviets are already able to do whatever Landsat can do, only perhaps less efficiently;
- further safeguards against unauthorized access could be accomplished through use of a U.S. on-site contractor.

● Now that the experts have assessed the risks as "minimal," it is particularly important at this time for foreign policy reasons that we approve these licenses.

● NSDD-54, which the President approved in August 1982, states that the "primary long-term U.S. goal in Eastern Europe is to loosen the Soviet hold on the region" and that differentiation "offers the best vehicle" for achieving that goal.

● As East European unease and, in the case of Romania, open differences over Soviet INF policy and Soviet counterdeployments demonstrated, the East Europeans are becoming less dependable Soviet allies and increasingly willing to oppose Soviet efforts at greater military, political, and economic integration and cohesion. The Hungarians, and now the East Germans, are finding ways to counter the Soviets and further their national interests. U.S. policy, through differentiation, increasingly has a role to play in Eastern Europe that ultimately weakens the Soviets.

● Romania has consistently demonstrated a useful, independent position on key political, economic and security issues.

- In the military area alone, Romania has weakened the Pact by refusing to participate in joint exercises, permit transiting of WP troops, or increase defense spending.

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NLRR M438 #135870
BY RW NARA DATE 6/2/17

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-2-

- Romania's recent, courageous Olympics decision just before Ceaulescu's important economic meetings with the Soviets again demonstrated his willingness to take on the Soviets on an issue of great importance to them.
- Not to approve Landsat and Control Data would signal to the Romanians and other East Europeans that there are no benefits to parting company with the Soviets. Our relations with Romania and the other East European would be very negatively affected. A negative decision would also undercut our ability to encourage their further distancing from Moscow through our policy of differentiation.
- I therefore strongly urge positive action on both Romanian cases.

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135871	PAPER RE LIKELY ARGUMENTS	4	ND	B1

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