

DDI-06723/84

29 NOV 1984

MEMORANDUM FOR: Deputy Director for Intelligence

FROM:



Director of Global Issues

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SUBJECT: Approval for Transfer of Funds to NOAA for Purchase  
of LANDSAT Products

1. I request that you approve and sign both copies of the attached Memorandum of Agreement (MOA) between the National Oceanic and Atmospheric Administration (NOAA) and the Central Intelligence Agency. The MOA provides for the transfer of funds to NOAA for the purchase of LANDSAT photographic products needed for agricultural and other intelligence assessments during the current fiscal year.

2. Most of the LANDSAT products purchased from NOAA are used in the Agricultural Assessments Branch of OGI. They are essential to the branch's Soviet, East European, and Third World crop assessments.

3. Because of the high cost involved, our analysts have made a concerted effort to minimize the amount of LANDSAT products required to complete their FY 1985 research program. Under the terms of the new Memorandum of Agreement, CIA will transfer \$2,000,000 to NOAA in FY 1985 for hard copy imagery and computer compatible tapes. In the current FY 1985 budget, the projected cost of these purchases is \$3,590,000, the same as the funding level was for FY 1984. The amount to be transferred this fiscal year is \$1,590,000 less than projected because: (a) the number of LANDSAT scenes used in our sample to estimate Soviet grain production has been reduced; (b) new exploitation techniques, based on cheaper NOAA weather satellite imagery products, have been developed; and (c) a digital analysis system, which OGI helped NPIC fund in FY 84, will permit our analysts to use increasing numbers of LANDSAT computer compatible tapes rather than the more expensive hard copy imagery.

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Attachments:  
As stated

**Page Denied**

MEMORANDUM OF AGREEMENT  
BETWEEN THE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
AND THE  
CENTRAL INTELLIGENCE AGENCY

A. PURPOSE

The purpose of this Memorandum of Agreement is to establish the financial mechanism for the transfer of funds for the purchase of Landsat data, products and services from the Department of Commerce, National Oceanic and Atmospheric Administration (NOAA), National Environmental Satellite, Data, and Information Service (NESDIS) by the Central Intelligence Agency (CIA).

B. AUTHORITY

1. The authority for NESDIS and the CIA to enter into this agreement is contained in P.L. 97-324 and the National Space Policy Directive of July 4, 1982, regarding Civil Operational Remote Sensing.
2. It is the Administration's policy that the full cost for Landsat operations be recovered beginning FY 1983 through the collection of user fees.
3. A portion of the annual operating cost is to be recovered by a transfer of funds from designated Federal agencies to NOAA. The CIA is one of these designated agencies. The transfer of funds from these agencies will represent their share of the annual Landsat operating cost and will provide for Landsat data, products and services not to exceed the amount transferred.

C. RESPONSIBILITIES OF AGENCIES

1. NOAA/NESDIS agrees to:
  - o Provide and deliver Landsat data, products, and services as requested under Article D of this agreement, provided such data, products, or services can be produced or made available within the normal constraints of the Landsat system. Costs for Landsat data, products and services will be in accordance with the attached NOAA Price List effective June 25, 1984.
  - o Provide Landsat photographic imagery with radiometric and geometric corrections applied. The products will include all related ephemeral data pertaining to each individual scene. All processing will be scene independent with no additional enhancements or data manipulations. All scenes will be processed so that color relationships within scenes are consistent. Color relationships will be extrapolated between consecutive scenes in a single path (orbit). The only deviation from the above is that the designated CIA point of contact may change, via telecon, the color step wedge to which color balance is measured, based on sun elevation angle.

- o Deliver all scenes to the CIA within fourteen (14) days of receipt of Landsat data at the NOAA ground processing facility at Goddard Space Flight Center (GSFC). Requests for data already in the archive will be fulfilled within twelve (12) days of notification to NOAA by the CIA.
  - o Ensure that, until the tracking and data relay satellite system (TDRSS) is available, no unnecessary delays will be incurred in the shipment of Landsat raw data tapes from the foreign ground stations, which will receive the data transmissions from the Landsat satellite, to GSFC.
  - o Provide a monthly summary of those scenes collected and processed for which acquisition costs are shared with other requestors.
2. The CIA agrees to:
- o Transfer the sum of \$2,000,000 to NOAA in FY 1985 for services in accordance with paragraph C1. The CIA will transfer funds upon presentation of quarterly SF-1080 billing addressed to the CIA, Office of Finance, Assistant Director for Liaison, Washington, D.C. 20505, Attn: Norman Conde. The quarterly transfers are intended to cover the cost of all Landsat data, products and services requested under this agreement except as specified in paragraph 3.
  - o Provide the transfer of funds information which includes the agency's name, billing address, code, treasury symbol, NOAA Landsat transfer of funds identification task number, and the NOAA Landsat account number.
3. In the event that the CIA requests Landsat data, products and services with a total cost in excess of \$2,000,000 NOAA shall charge for the cost of such excess data, products and services on a per-request basis.

D. REQUESTS FOR DATA, PRODUCTS AND SERVICES

1. Effective October 1, 1984, requests for all Landsat data, products and services shall be addressed to NOAA User Services, EROS Data Center, Sioux Falls, South Dakota. 57198.
2. Requests shall be made in accordance with the Landsat Data Users Handbook, as appropriate. In particular, each request shall include the CIA's NOAA Landsat transfer of funds identification task number (RN1B02) and the CIA's NOAA Landsat account number (0992453). The identification should be combined to read RN1B02/0992453. If the identifier is not cited in a request, such request shall be treated as one outside the scope of this agreement and billed separately.
3. The CIA will monitor and control its own orders.

E. OTHER PROVISIONS

1. Nothing herein is intended to conflict with current Department of Commerce and NOAA directives or CIA directives. If the terms of this agreement are inconsistent with such directives, those inconsistent terms shall be invalid but the remaining terms and conditions of this agreement not affected by the inconsistency shall remain in full force and effect.
2. Should disagreement arise as to the interpretation of the provisions of this agreement, or any amendment and/or revision thereto, that cannot be resolved at the operating level, the area(s) of disagreement shall be reduced to writing by each party and presented to the other party for consideration at least sixty (60) days prior to forwarding to respective higher quarters for appropriate resolution.

F. DURATION OF AGREEMENT

1. This agreement will be in effect from October 1, 1984, through September 30, 1985, or until terminated by mutual agreement or written notice by either party thirty (30) days in advance of termination.
2. All direct and indirect phasing out costs shall be paid by the agency requesting the termination. Termination cost claimed shall not exceed the actual costs incurred as a result of termination of this agreement.
3. This agreement may be renewed annually and amended by mutual consent.

Attachment

APPROVED:

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION

CENTRAL INTELLIGENCE AGENCY

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*John H. McElroy*  
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 John H. McElroy  
 Assistant Administrator for  
 Environmental Satellite, Data, and  
 Information Services

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*for* Robert M. Gates  
 Deputy Director for Intelligence

DATE: 10/18/84

DATE: 10/10/84

**NOAA PRICES FOR LANDSAT PRODUCTS AND SERVICES**  
**NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION**  
**WASHINGTON, D.C. 20233**  
**June 25, 1984**

TYPE OF PRODUCT/SERVICE	RETURN BEAM VIDICON & MULTI-SPECTRAL SCANNER		THEMATIC MAPPER	
	Present	Effective February 1, 1985	Present	Effective February 1, 1985

**Image Products**

TYPE OF PRODUCT/SERVICE	RETURN BEAM VIDICON & MULTI-SPECTRAL SCANNER		THEMATIC MAPPER	
	Present	Effective February 1, 1985	Present	Effective February 1, 1985
70 mm film Pos (B&W)	\$26	\$30	<del>NOT OFFERED</del>	
70 mm film Neg (B&W)	32	35	<del>NOT OFFERED</del>	
10 in film (B&W; Pos)	30	35	\$50	\$75
10 in film (B&W; Neg)	35	40	60	80
10 in paper (B&W)	30	35	50	75
20 in paper (B&W)	58	65	95	140
40 in paper (B&W)	95	105	150	200
10 in film (color; Pos)	74	80	140	190
10 in paper (color)	45	50	115	170
20 in paper (color)	90	110	200	235
40 in paper (color)	175	195	275	290

**Digital Products**

MSS Computer Compatible Tape (CCT), (full scene, 9 track, 1600 or 6250 BPI, 1 tape)	650	730	N/A	N/A
RBV CCT single subscene (9 track, 1600 or 6250 BPI, 1 tape)	650	730	N/A	N/A
RBV CCT full scene (9 track, 1600 or 6250 BPI, 1 tapes)	1300	1460	N/A	N/A
TM CCT full scene (9 track, 1600 BPI, 12 tapes 9 track, 6250 BPI, 4 tapes)	N/A	N/A	3400 A	4400
TM CCT, quarter-scene (9 track, 1600 BPI, 3 tapes 9 track 6250 BPI, 1 tape)	N/A	N/A	925	1350

**Services**

Color composite generation	195	220	305	325
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**Special Acquisition Plus Product Cost**

• Delivery of MSS/TM HDT via communication Satellite - per scene	790	885	1200	1600
• Delivery of Standard MSS/TM Imagery (not color composite) per scene	880	985	1460	1995
• Delivery of MSS/TM CCT or HDT - per scene	1000	1120	4000	5200
• Surcharge for color composite generation for customer ordering acquisition - per scene B	150	170	250	275
• Surcharge for specified maximum cloud cover - per scene	250	275	250	275

**NOTES:**

A TM SCROUNGE data is available on 9 track, 6250 BPI, 3 tapes or 1600 BPI, 7 tapes.

B Bands must be ascending. Color sequence must be green, blue, red.