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and research of John Greenewald, Jr., creator of:

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NATIONAL RECONNAISSANCE OFFICE

14675 Lee Road
Chantilly, VA 20151-1715

19 December 2017

Mr. John Greenewald, Jr.
27305 W. Live Oak Rd.
Suite #1203
Castaic, CA 91384

REF: FOIA Cases F-2017-00171

Dear Mr. Greenewald:

This is in response to your request dated 13 September 2017 and received by the National Reconnaissance Office (NRO) on 14 September 2017. Pursuant to the Freedom of Information Act (FOIA), you requested "NRO Satellite Resource Guide, dated 01 October 2011 and any later versions that may exist".

Your request has been processed in accordance with the FOIA, 5 U.S.C. § 552, as amended. After a thorough search of our files and databases, we located five documents responsive to your request. These documents are being released to you in part.

Material redacted is denied pursuant to FOIA exemptions:

(b) (1), as properly classified information under Executive Order 13526, Sections 1.4 (a), (c), (e), and (g), and

(b) (3), which is the basis for withholding information exempt from disclosure by statute. The relevant withholding statute is 10 U.S.C. § 424, which provides (except as required by the President or for information provided to Congress), that no provision of law shall be construed to require the disclosure of the organization or any function of the NRO; the number of persons employed by or assigned or detailed to the NRO; or the name or official title, occupational series, grade, or salary of any such person.

You have the right to appeal this determination to the NRO Appellate Authority, 14675 Lee Road, Chantilly, VA 20151-1715, within 90 days of the above date. You may also submit an appeal electronically by completing the form available on the NRO's public web site at <http://www.nro.gov/foia/AppealInput.aspx>. Please include an explanation of the reason(s) for your appeal as part of your submission. The FOIA also provides that you may seek dispute resolution for any adverse determination through the NRO FOIA Public Liaison and/or through the Office of Government Information Services (OGIS). Please refer to the OGIS public web page at <https://ogis.archive.gov/> for additional information.

If you have any questions, please call the Requester Service Center at (703) 227-9326 and reference case number F-2017-00171.

Sincerely,



for Patricia B. Cameresi
FOIA Public Liaison

Enclosures:

1. C05105652
2. C05105653
3. C05105654
4. C05105655
5. C05105930

~~SECRET//TK//REL TO USA, FVEY~~



(U) Satellite Resource Guide

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(b)(3)

Produced for Training Purposes Only. This material is not to be used as a source for derivative classification.

CL BY:

DECL ON: 25X1, 20610623, RRG Dated July 2005

REV M: NRO CS 6.0, 21 May 2005

Information current as of:
1 October 2011

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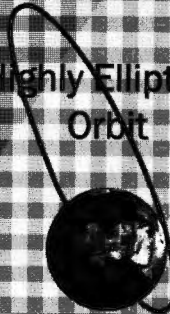


(U) Orbits

Low Earth Orbit



Highly Elliptical Orbit



Geosynchronous Orbit



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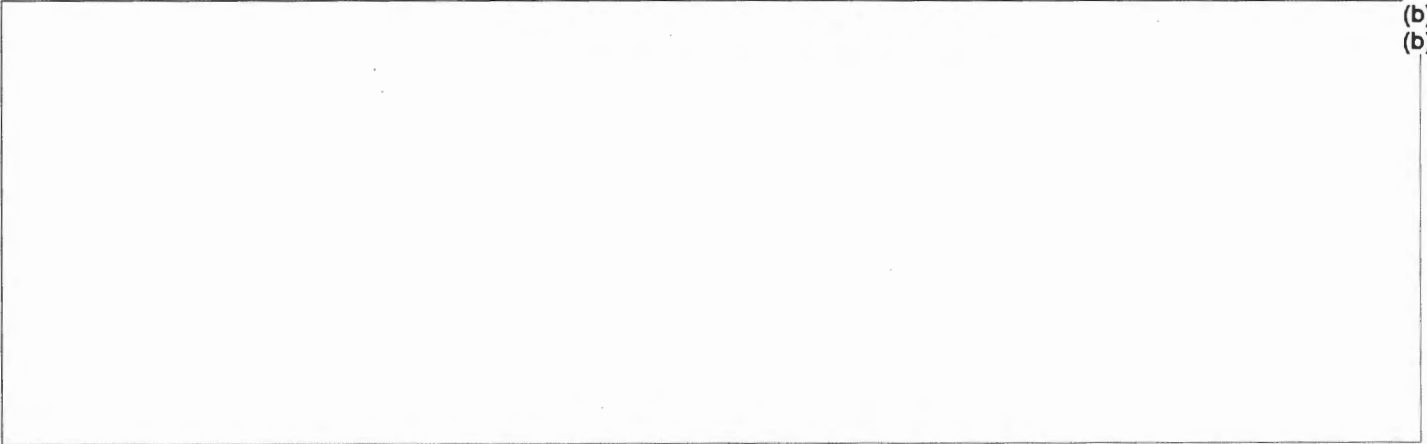
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(U) NRO Satellites

(U) IMAGERY SATELLITES



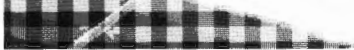
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(U) COMMUNICATIONS SATELLITES



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(U) NRO Satellites

(U) IMAGERY/COMMUNICATIONS SATELLITES (cont)

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(U) NRO Satellites

(U) SIGINT SATELLITES

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(U) NGA Source Operations



(U) NGA's Mission—Provide timely, relevant, and accurate geospatial intelligence in support of national security.

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12

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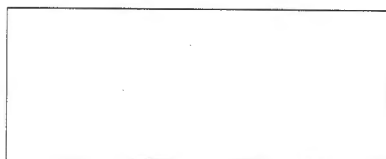
(U) Departmental Requirements Officers



(U) DIA,

(b)(3)

- (U) Manages all GEOINT collection for JCS and Commands
- (U) GRSCOM representative and emphasis coordinator
- (U) Final arbitrator for competing DoD collection requirements
- (U) DIA GEOINT collection subject matter experts
- (U) DIA: Crisis/Conflict GEOINT collection support
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 - Develop technical collection strategies for Commands
 - Coordinate other command & national level requirements



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(U) Provide 24-hour, 7 days per week, national imagery collection support to the combatant commands, JCS, and Secretary of Defense.

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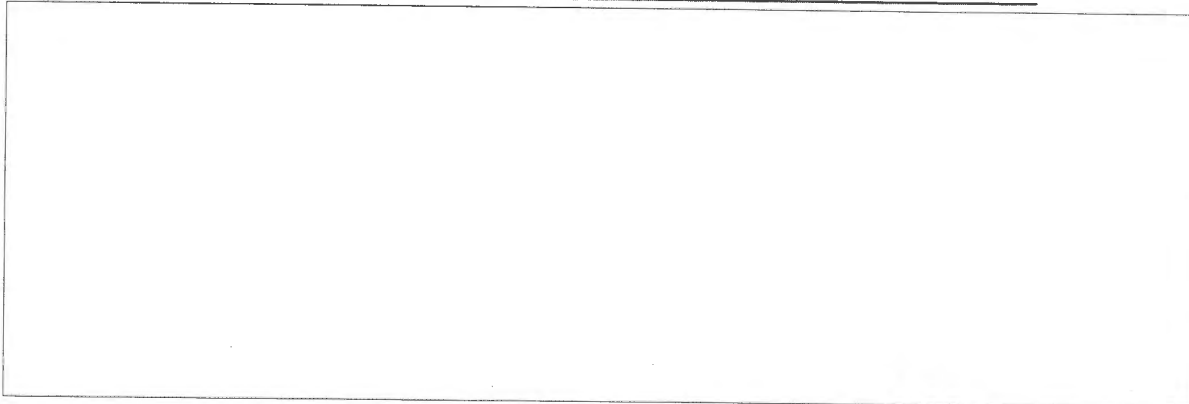
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(U) MASINT

(U) Space MASINT Missions & Products



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(b)(3)

MASINT Requirement Products



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(U) Overhead Persistent Infrared (OPIR)

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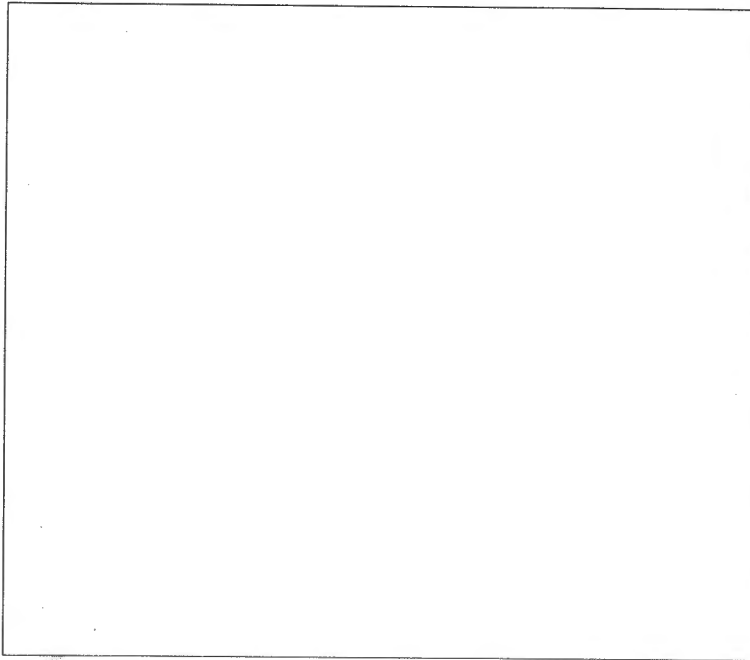
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(U) Overhead Collection Management Center (OCMC)



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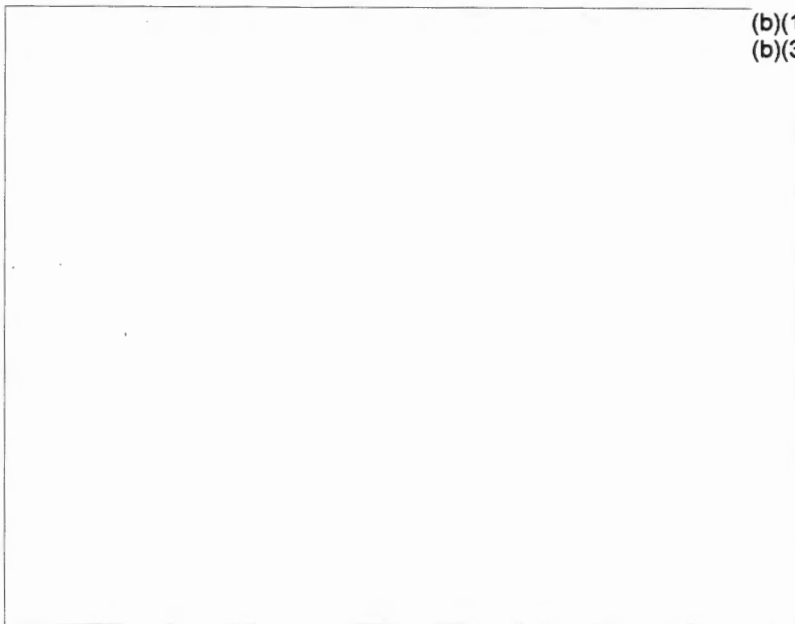
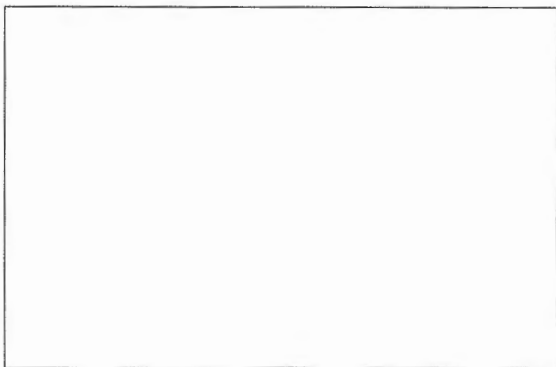
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(U) Battlespace Visualization Initiative



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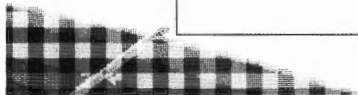


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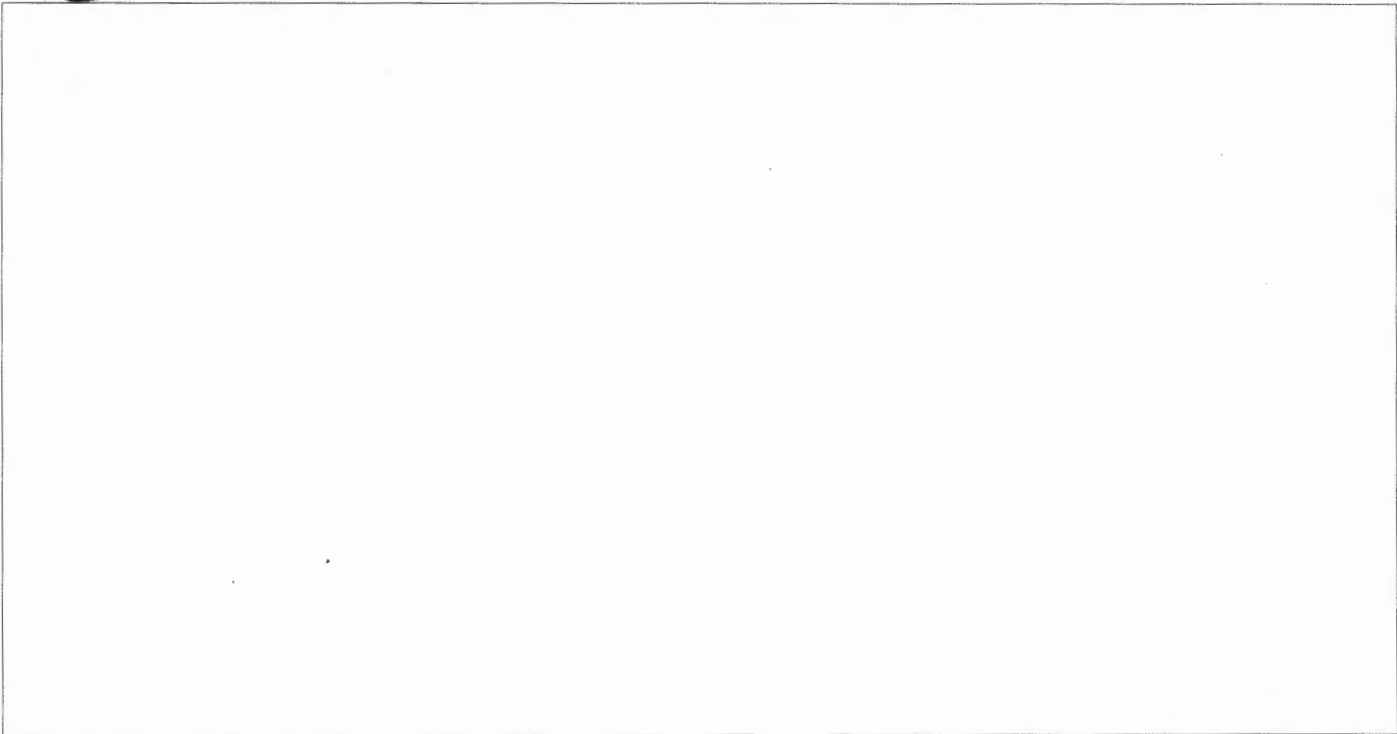
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(U) Satellite Resource Guide

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CL BY: Classification ID #
DECL ON: 25X1, 20640103, RRG dated July 2005
REVISED NCS 6.0, 21 May 2005

Information current as of:
26 March 2014

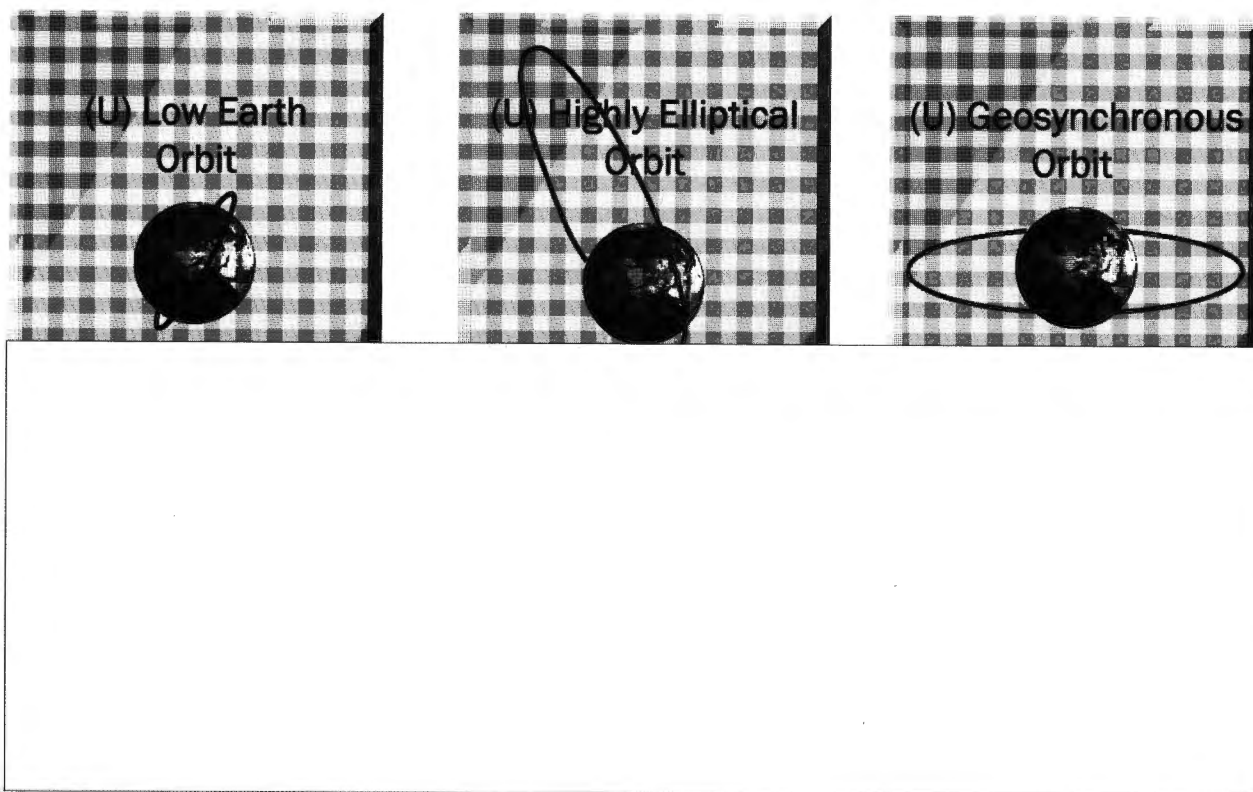
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(U) Orbits



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(U) NRO Satellites

(U) IMAGERY SATELLITES

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(U) COMMUNICATIONS SATELLITES

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(U) NRO Satellites

(U) SIGNALS INTELLIGENCE
SATELLITES

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(U) NGA Source Operations



(U) NGA's Mission — Provide timely, relevant, and accurate geospatial Intelligence in support of national security.

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(U) Departmental Requirements Officers



(U) DIA

(b)(3)

- (U) Manages all GEOINT collection for JCS and Commands
- (U) GRSCOM representative and emphasis coordinator
- (U) Final arbitrator for competing DoD collection requirements
- (U) DIA GEOINT collection subject matter experts
- (U) DIA: Crisis/Conflict GEOINT collection support
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(b)(3)

(U) Provide 24-hour, 7 days per week, national imagery collection support to the combatant commands, JCS, and Secretary of Defense.

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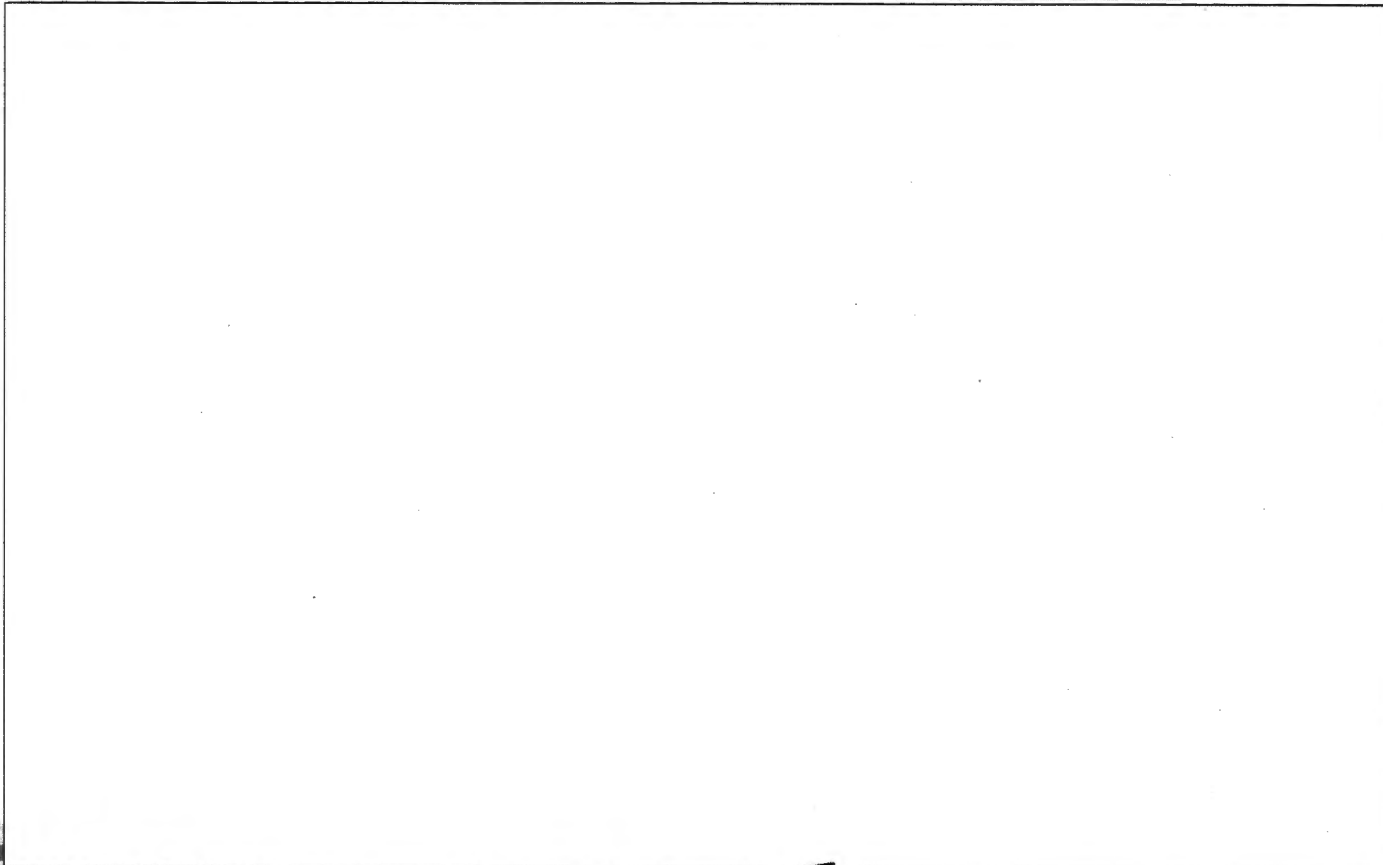
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(U) Overhead Persistent Infrared (OPIR)

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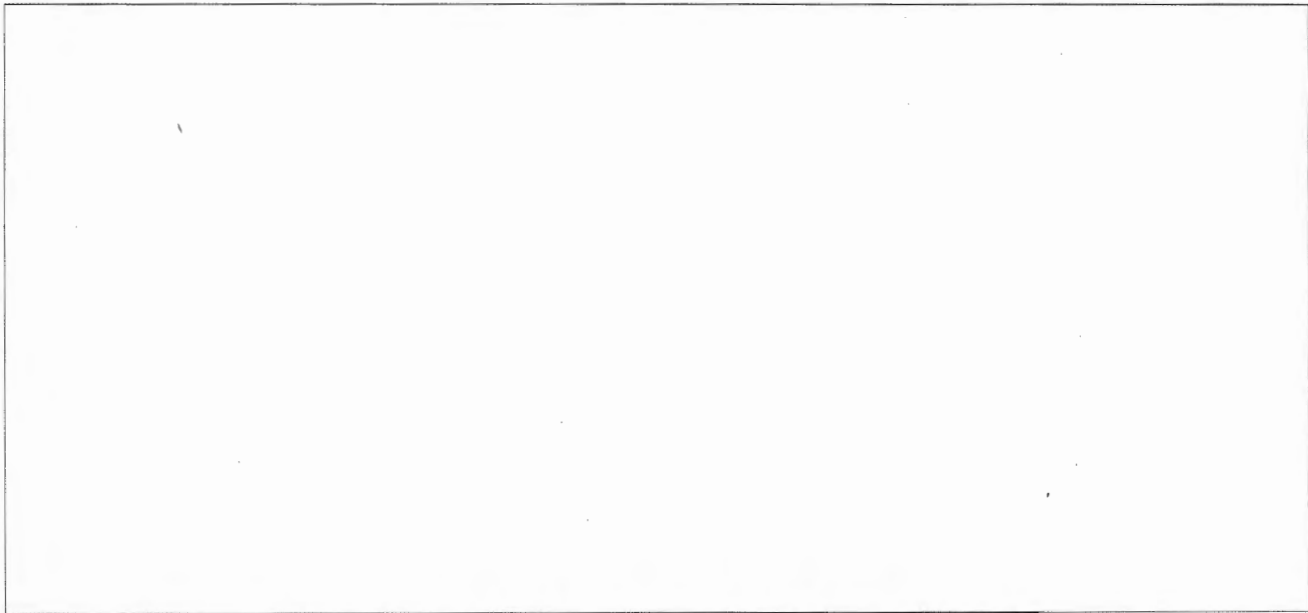
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~~SECRET//TK//REL TO USA, FVEY~~

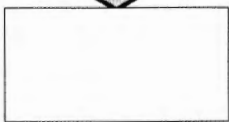


(U) ESPRINT



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(U) Space MASINT

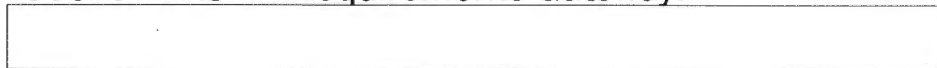


(U) The National MASINT Office (NMO) is the integration of the National MASINT Management Office (NMMO) and the National MASINT Committee (MASCOM) staffs, focusing on execution of the functional management responsibilities contained in ICD 113.



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(U) National MASINT Requirements Gateway:



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(U) Joint Collaboration Cell (JCC)

(b)(3)

(U) Extending the effects of National Capabilities to the Last Tactical Mile

- + Innovative Collaborative Operations
- + Creative techniques to get National products to the field
- + Improved response to intelligence and operational needs
- + Multi-agency effort focused on integrating and coordinating capabilities under the ODNI Collaborative Node Initiative.
- + Provide easy access and rapid support to national, strategic, and tactical customers

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**(U) Overhead Collection Management Center (OCMC)**~~(U//FOUO)~~ OCMC

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**Overhead Collection Management Center**

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(U) Satellite Resource Guide

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CL BY:

DEC ON: 25X1, 20610623, RRG Dated July 2005

ENV M: NRO CG 6.0, 21 May 2005

Information current as of:
23 January 2012

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(U) Orbits

Low Earth Orbit



Highly Elliptical Orbit



Geosynchronous Orbit



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(U) NRO Satellites

(U) IMAGERY SATELLITES

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(U) COMMUNICATIONS SATELLITES

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(U) NRO Satellites

(U) SIGNALS INTELLIGENCE
SATELLITES

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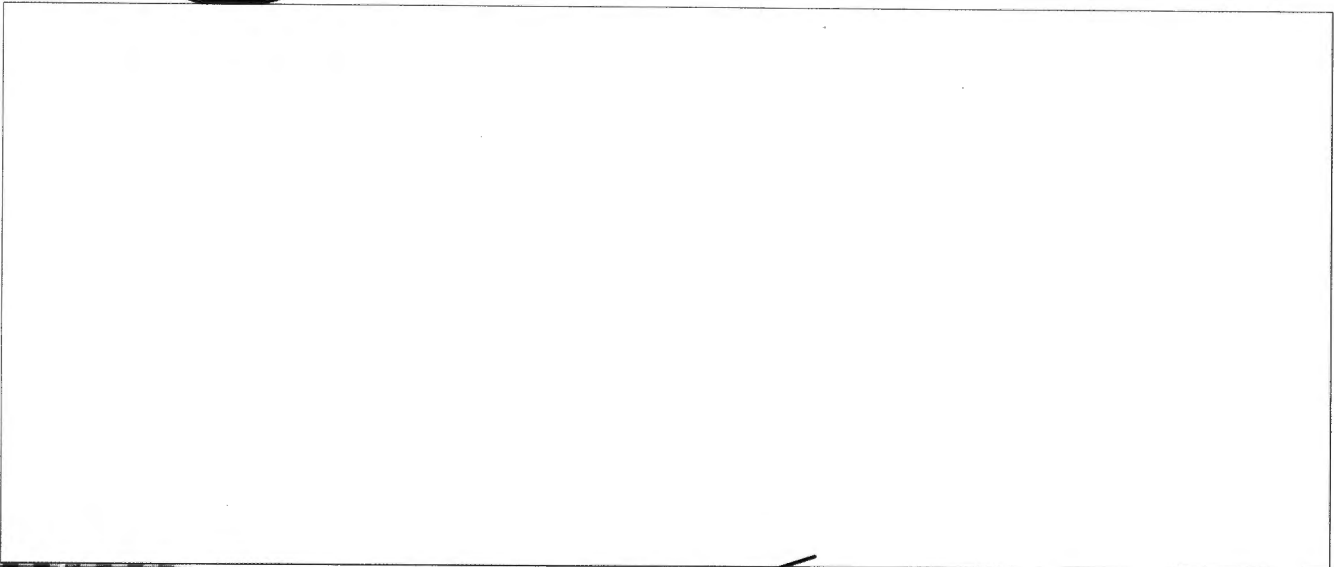
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(U) NGA Source Operations



(U) NGA's Mission—Provide timely, relevant, and accurate geospatial intelligence in support of national security.



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(U) Departmental Requirements Officers



(U) DIA

(b)(3)

- (U) Manages all GEOINT collection for JCS and Commands
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(b)(3)

(U) Provide 24-hour, 7 days per week, national imagery collection support to the combatant commands, JCS, and Secretary of Defense.

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(U) Overhead Persistent Infrared (OPIR)

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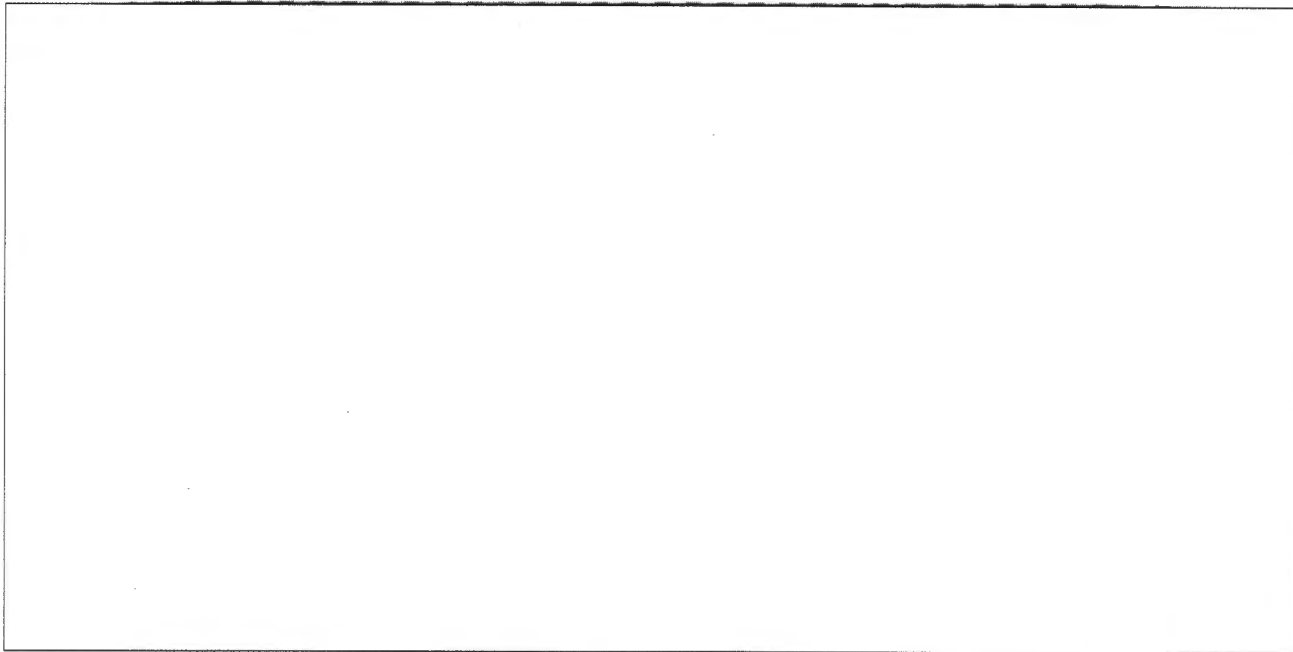
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(U) ESPRINT



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~~Reports are integrated into the following products:~~



Reports

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(U) Space MASINT



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(U) National MASINT Requirements Gateway:

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(U) Joint Collaboration Cell (JCC)

(b)(3)

(U) Extending the effects of National Capabilities to the Last Tactical Mile

- + Innovative Collaborative Operations
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(U) Contact:

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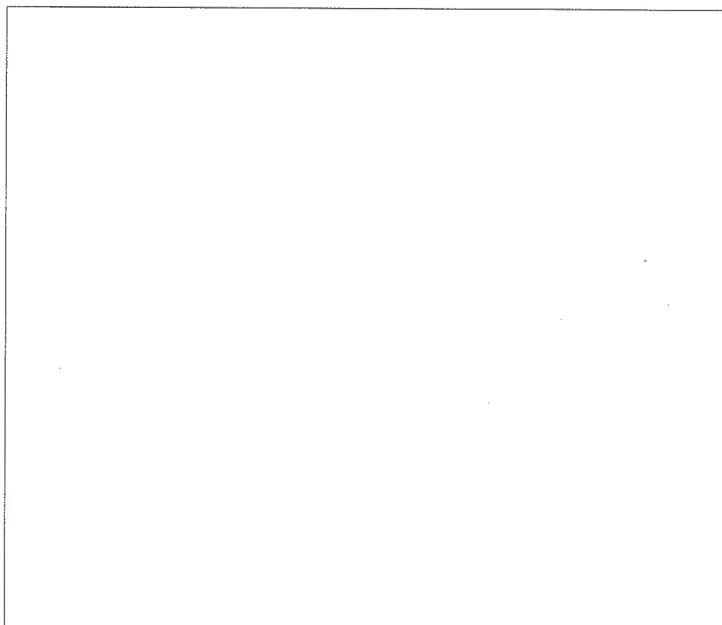
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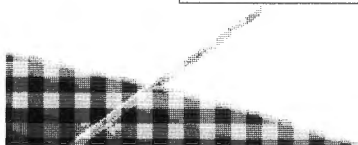
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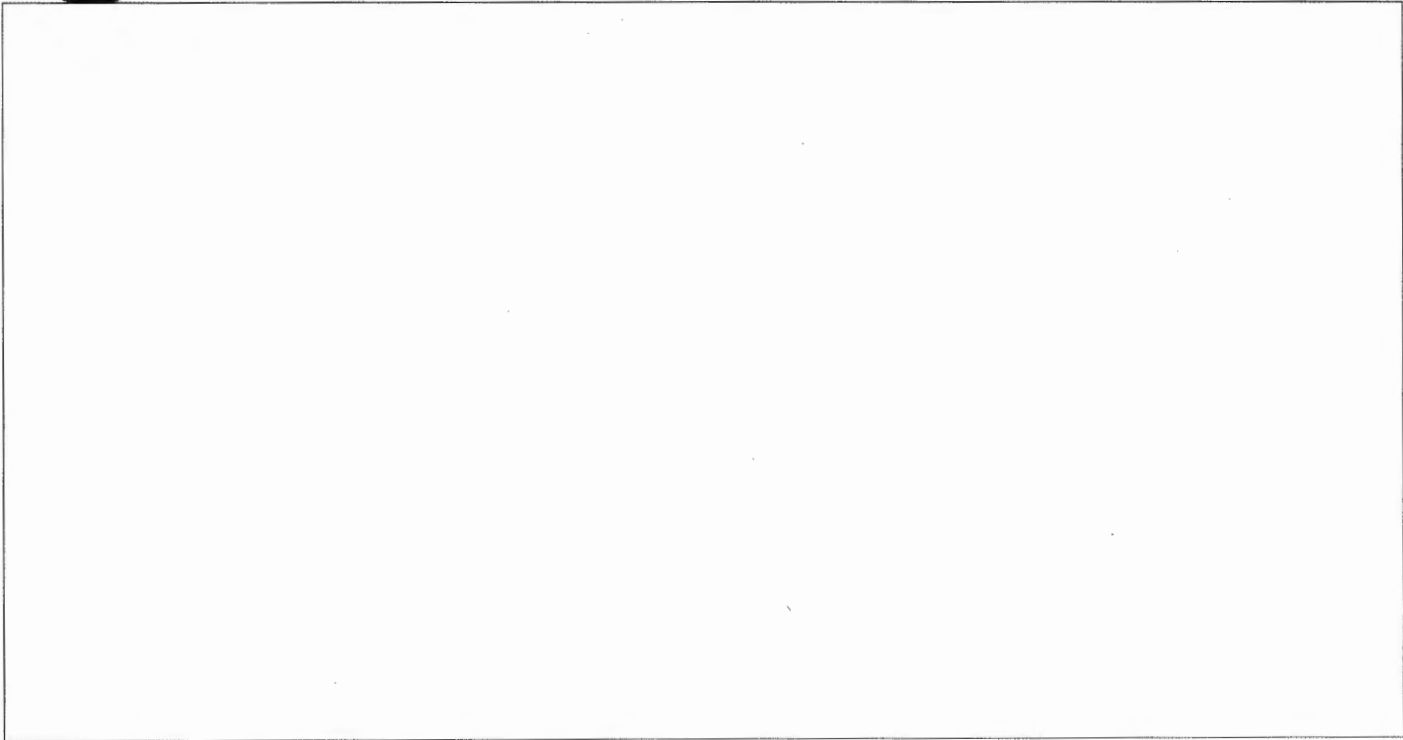


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(U) Satellite Resource Guide



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CL BY:
DEC ID: 25X1 20630708
EXPIRY: NOB 10, 13 February 2012

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Information current as of:
8 Jul 2013 (b)(3)

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(U) Orbits

(U) Low Earth Orbit



(U) Highly Elliptical Orbit



(U) Geosynchronous Orbit



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(U) NRO Satellites

(U) IMAGERY SATELLITES

(U) Graphics are not sized to scale

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(U) COMMUNICATIONS SATELLITES

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(U) NRO Satellites

(U) SIGNALS INTELLIGENCE
SATELLITES

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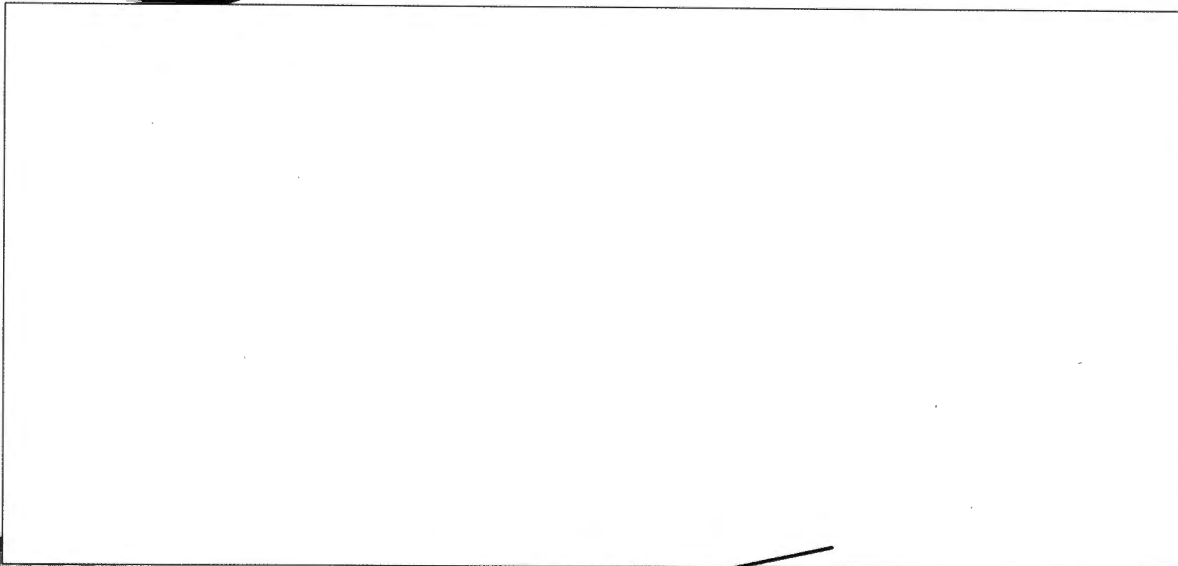
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(U) NGA Source Operations



(U) NGA's Mission — Provide timely, relevant, and accurate geospatial intelligence in support of national security.



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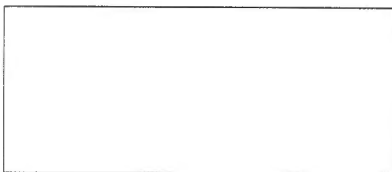
(U) Departmental Requirements Officers



(U) DIA

(b)(3)

- (U) Manages all GEOINT collection for JCS and Commands
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(b)(3)

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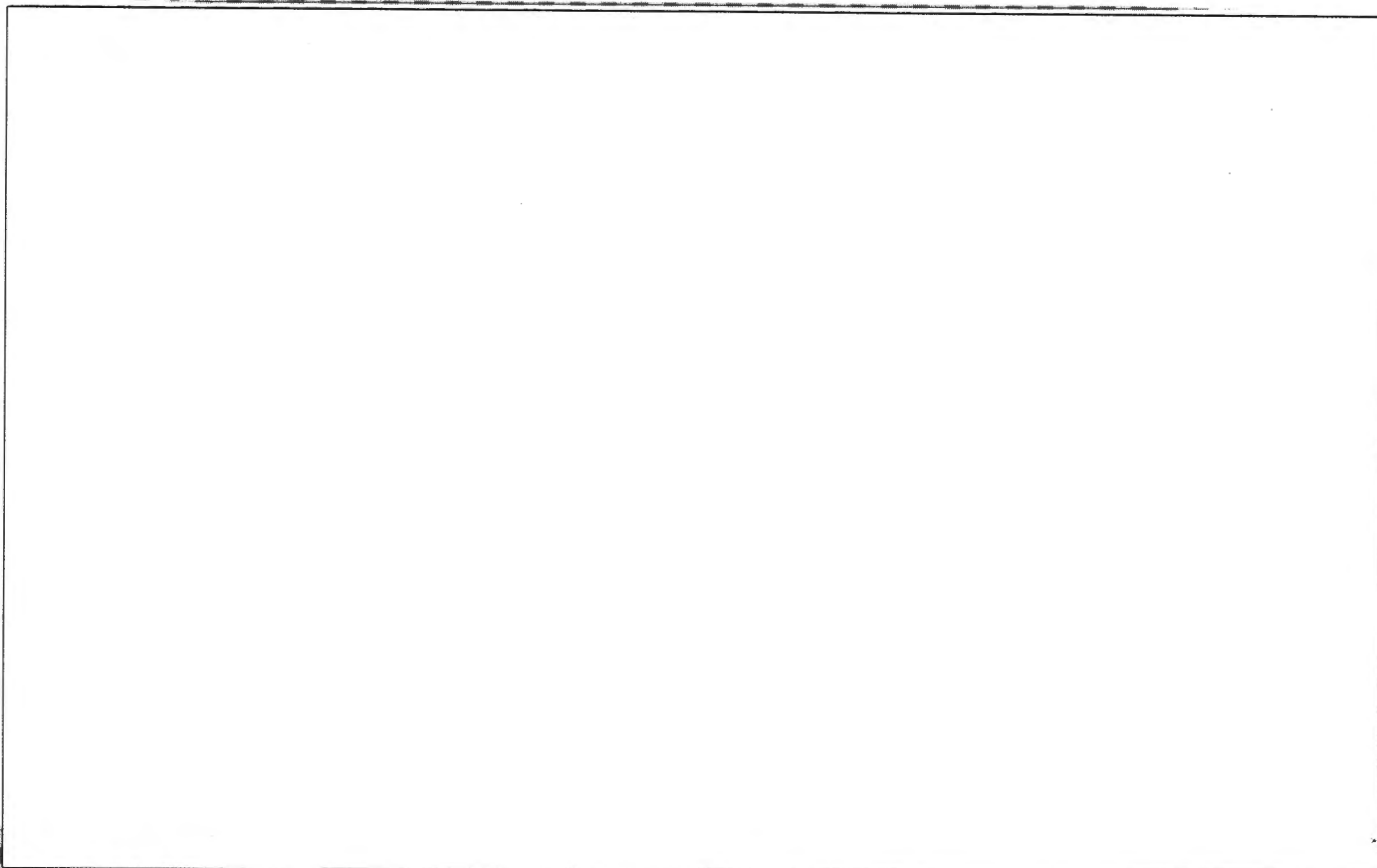
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(U) Overhead Persistent Infrared (OPIR)



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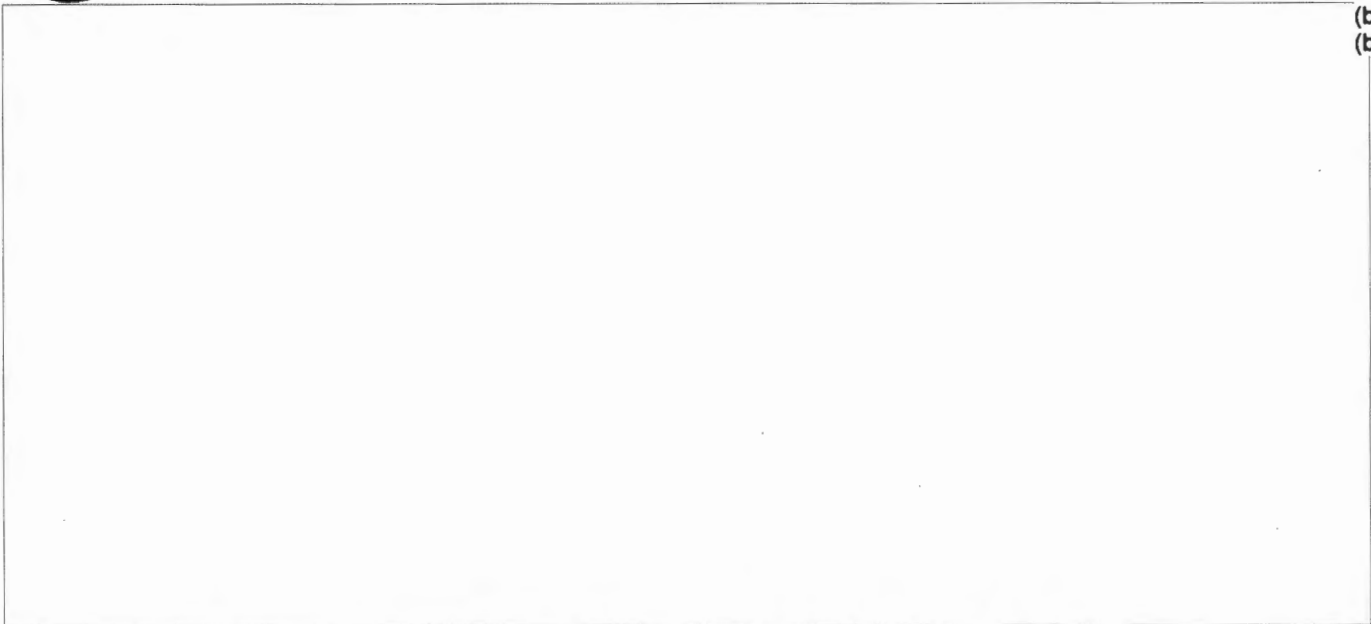
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~~SECRET//TK//REL TO USA, FVEY~~



(U) ESPRINT



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Which Feeds into the Following Products:



Reports

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(U) Space MASINT



(U) The National MASINT Office (NMO) is the integration of the National MASINT Management Office (NMMO) and the National MASINT Committee (MASCOM) staffs, focusing on execution of the functional management responsibilities contained in ICD 113.

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(U) National MASINT Requirements Gateway:

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(U) Joint Collaboration Cell (JCC)

(b)(3)

(U) Extending the effects of National Capabilities to the Last Tactical Mile

- + Innovative Collaborative Operations
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(U) Contact:

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(U) Overhead Collection Management Center (OCMC)

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Overhead Collection Management Center



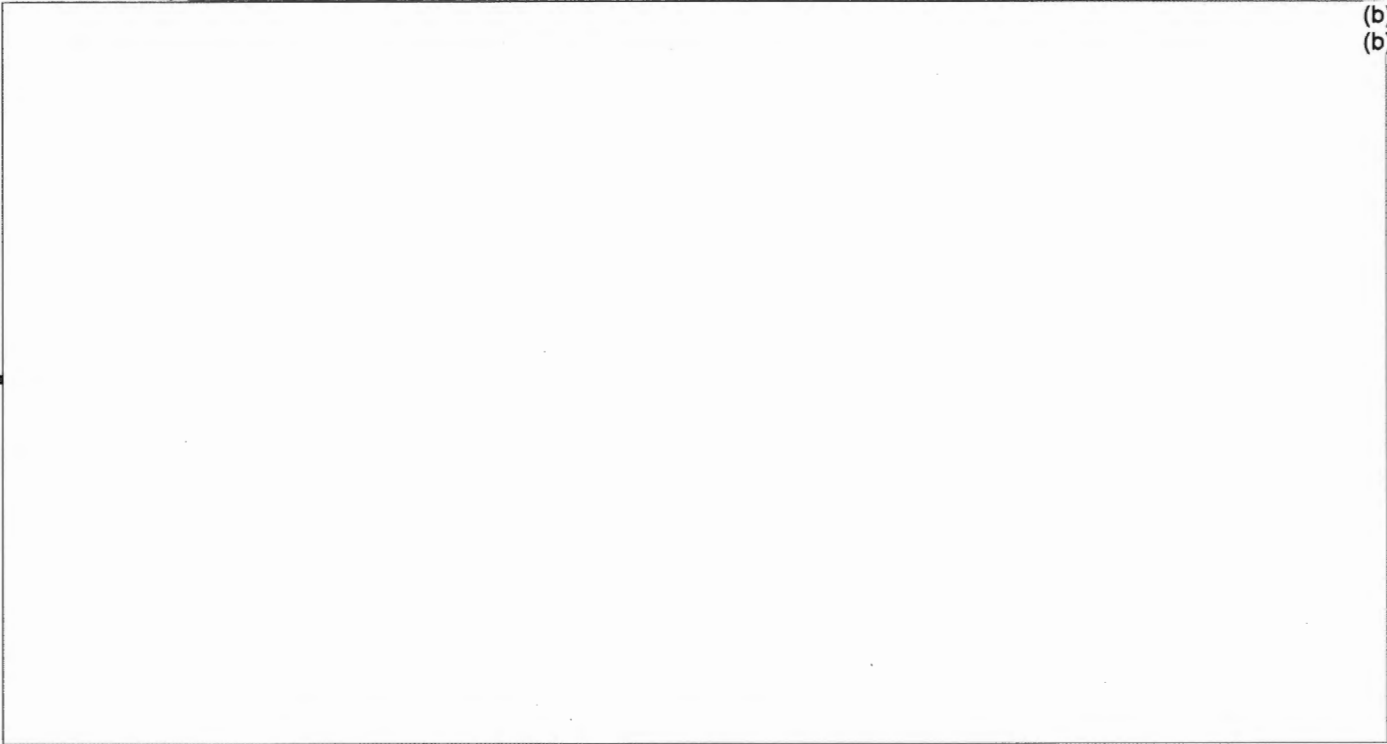
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~~TOP SECRET//SI//TK//RSEN//REL TO USA, FVEY~~



(U) Satellite Resource Guide



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CL BY: Classification ID
DECL ON: 25X1, 20640828, RRG dated July 2005
DOWNSIDE: 6.0, 21 May 2005

Information current as of:
1 September 2017

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(U) Orbits

(U) Low Earth Orbit



(U) Highly Elliptical Orbit



(U) Geosynchronous Orbit



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~~SECRET//TK//REL TO USA, FVEY~~



(U) NRO Satellites

(U) IMAGERY SATELLITES

(U) Graphics are not sized to scale

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(U) COMMUNICATIONS SATELLITES

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(U) NRO Satellites

(U) SIGNALS INTELLIGENCE
SATELLITES

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(U) GEOINT Ground Sites

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(U) SIGINT Ground Sites

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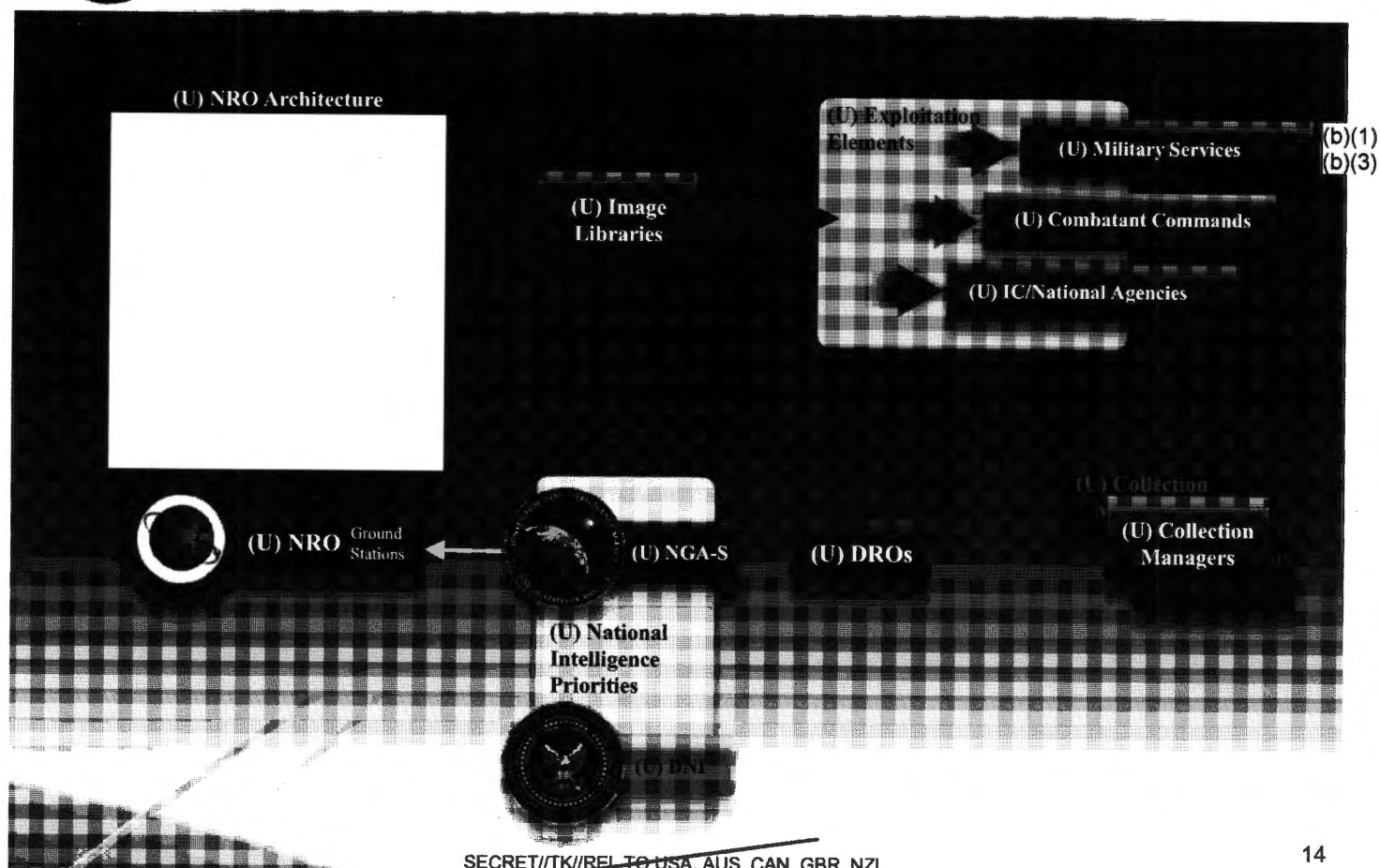
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~~SECRET//TK//REL TO USA, AUS, CAN, GBR, NZL~~

(U) GEOINT TCPED for National Systems

~~SECRET//TK//REL TO USA, AUS, CAN, GBR, NZL~~

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(U) NGA Source Operations



(U) NGA's Mission — Provide timely, relevant, and accurate geospatial Intelligence in support of national security.

(b)(3)

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(U) Departmental Requirements Officers



(U) DIA,

(b)(3)

- (U) Manages all GEOINT collection for JCS and Commands
- (U) GRSCOM representative and emphasis coordinator
- (U) Final arbitrator for competing DoD collection requirements
- (U) DIA GEOINT collection subject matter experts
- (U) DIA: Crisis/Conflict GEOINT collection support
 - Complete Executive Agent duties (if appropriate)
 - Execute collection strategies for supported Command
 - Develop technical collection strategies for Commands
 - Coordinate other command & national level requirements



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(U) Provide 24-hour, 7 days per week, national imagery collection support to the combatant commands, JCS, and Secretary of Defense.

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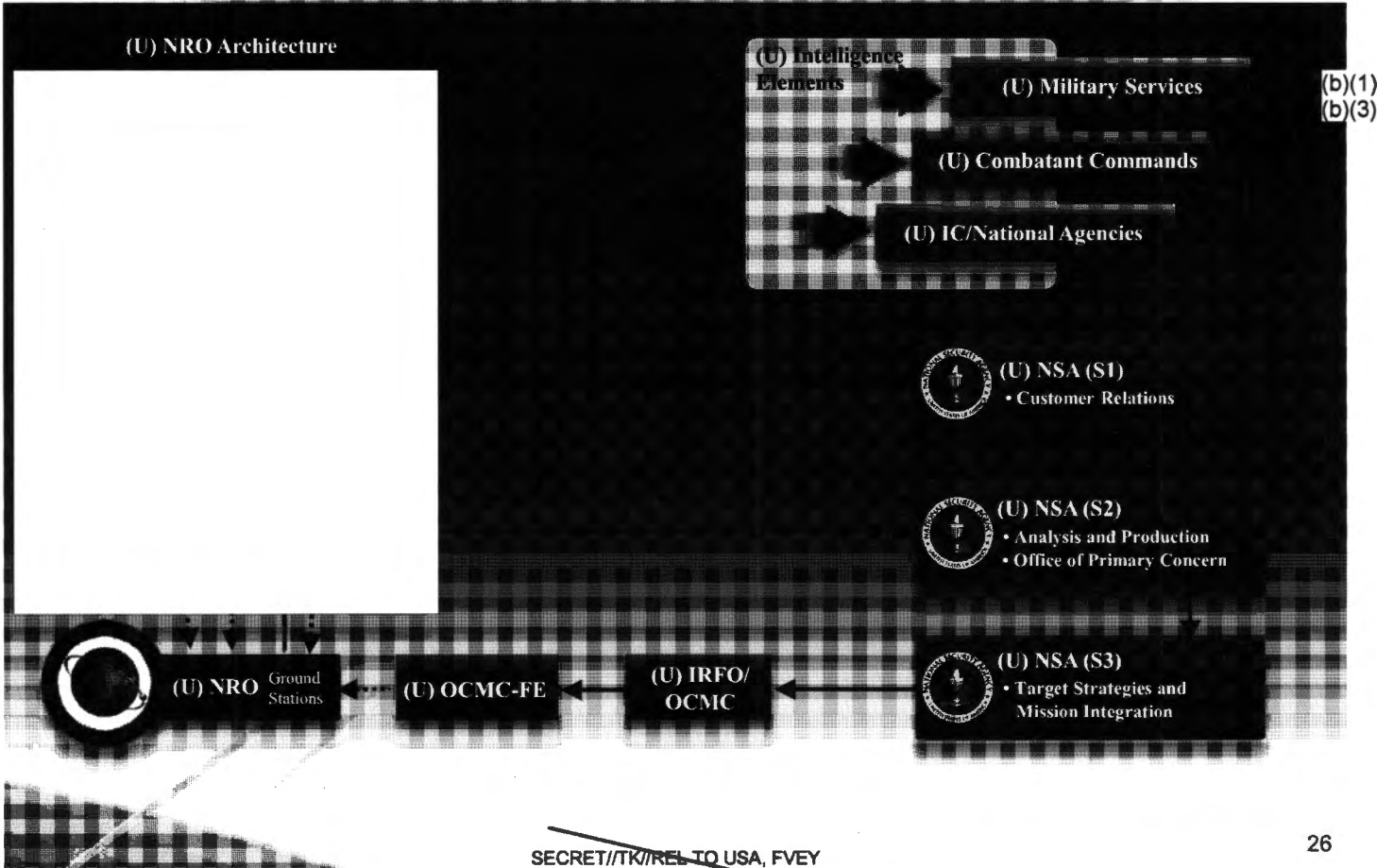
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(U) SIGINT TCPED for National Systems

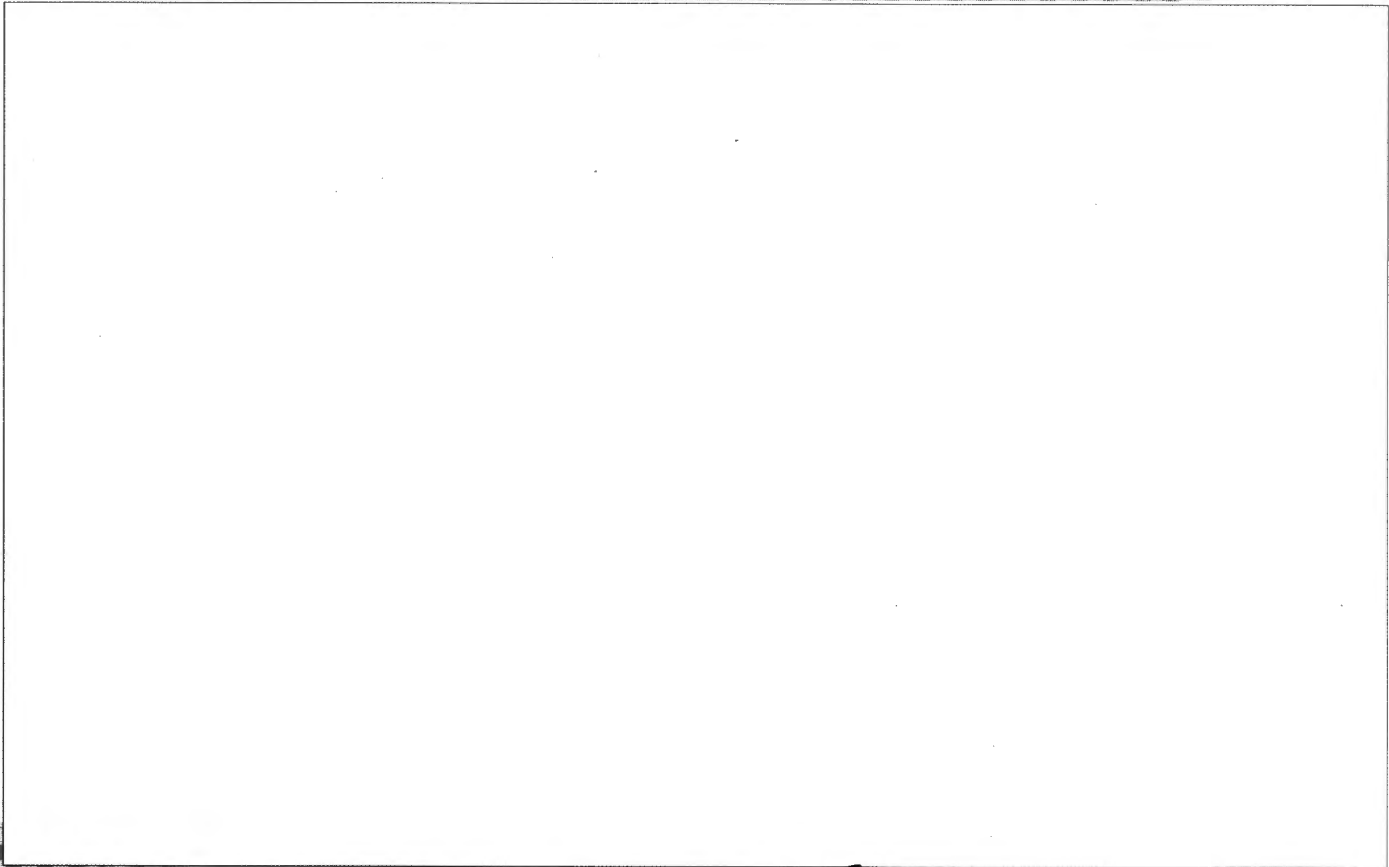


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(b)(3)

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(U) Overhead Persistent Infrared (OPIR)



(b)(1)
(b)(3)

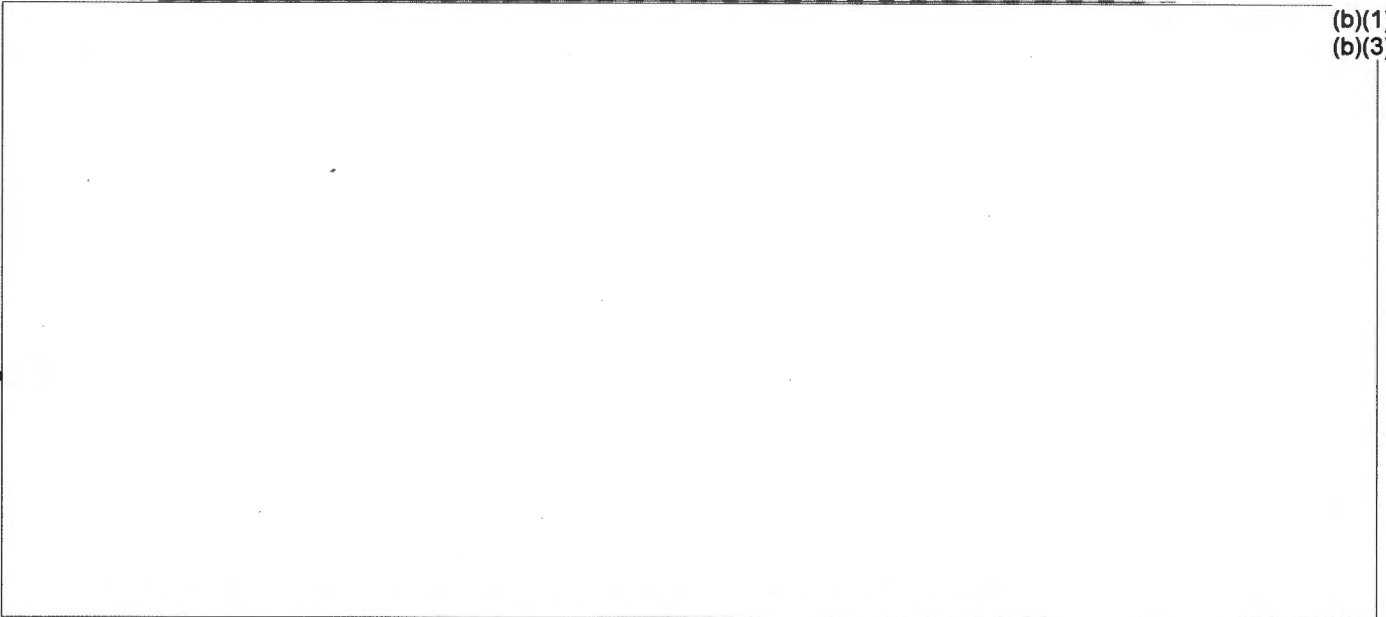
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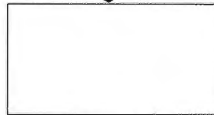


(U) ESPRINT

(b)(1)
(b)(3)



Which feeds into the Following Products:



Reports

(U)



(b)(3)

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(U) Joint Collaboration Cell (JCC)

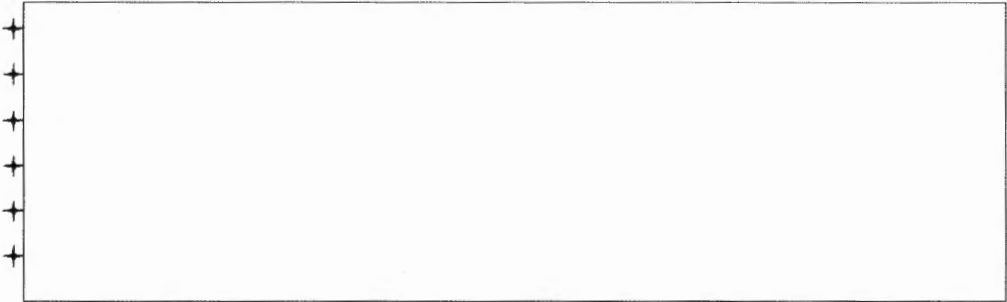


(b)(3)

(U) Extending the effects of National Capabilities to the Last Tactical Mile

- + Innovative Collaborative Operations
 - + Creative techniques to get National products to the field
 - + Improved response to intelligence and operational needs
 - + Multi-agency effort focused on integrating and coordinating capabilities under the ODNI Collaborative Node Initiative.
-
- + Provide easy access and rapid support to national, strategic, and tactical customers

(U) Contact:



(b)(3)

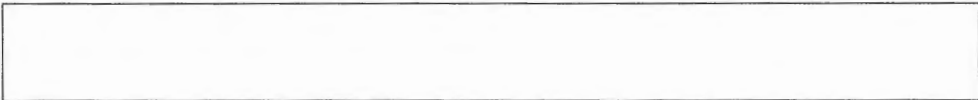
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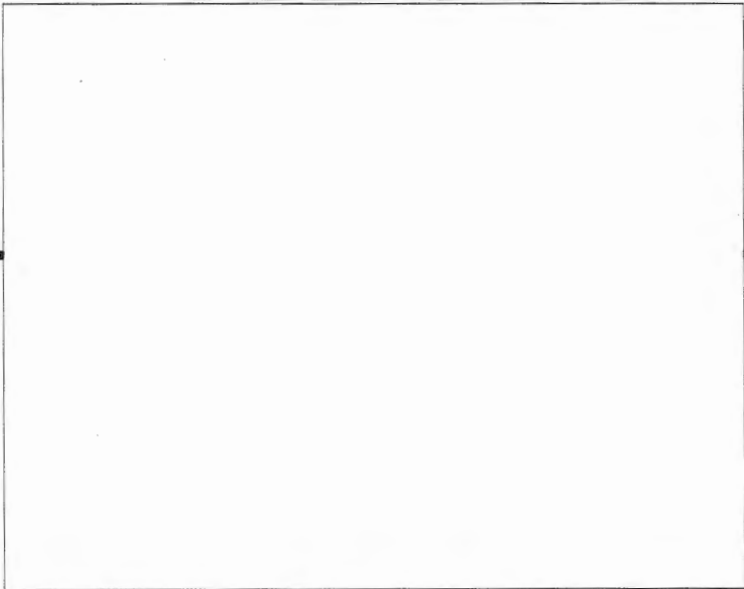


(U) Overhead Collection Management Center (OCMC)

(U//~~FOUO~~) OCMC



(b)(3)



(b)(3)



Overhead Collection Management Center



(b)(3)

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