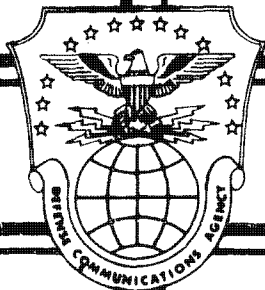


STIC: Communications Satellite



DCAC 800-0000.8A



DEFENSE COMMUNICATIONS AGENCY

DEFENSE COMMUNICATIONS SATELLITE PROGRAM SECURITY PROCEDURES AND CLASSIFICATION GUIDE

JANUARY 1966



DEFENSE COMMUNICATIONS AGENCY
WASHINGTON, D.C. 20305

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DCA CIRCULAR 800-0000.8A

SUBJECT: Defense Communications Satellite Program Security
Procedures and Classification Guide

1. Purpose. The Defense Communications Satellite Program Security Procedures and Classification Guide is published to provide a common basis for evaluating the degree of protection which must be provided for information contained in or which would or could be revealed by documents, photographs, equipment or any other form of material.
2. Cancellation. This circular supersedes DCA Circular 800-0000.8.
3. Applicability. This security guide is applicable to all DCSP official information, all projects of the DCSP and to all government agencies and civilian contractors participating in the DCSP.
4. Authority. This guide is provided by DCA in accordance with and by authority of Section IX, Paragraph B, Department of Defense Instruction 5210.47, Subject: "Security Classification of Official Information" and has been approved by DDR&E.
5. General. The classification guidance contained in this document is the minimum degree of protection required for the respective subjects. Higher classification than indicated in the Circular, or the use of a classification where the Circular indicates Unclassified, may be assigned only to meet security requirements, and only when unusual circumstances fully justify such deviation.

FOR THE DIRECTOR:

OFFICIAL:

JAMES H. WEINER
Brigadier General, USAF
Chief of Staff

A handwritten signature in cursive script, appearing to read "John E. Rauscher".

JOHN E. RAUSCHER
Lieutenant Colonel, USA
Chief, Administrative Division

DISTRIBUTION: Special

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SECTION I

GENERAL

1. Purpose. The purpose of this guide is to provide:

a. A common basis for establishing the minimum degree of physical security and protection which must be provided to official information concerning the Defense Communications Satellite Program (DCSP). Higher classification than indicated in the Circular, or the use of a classification where the Circular indicates Unclassified, may be assigned only to meet security requirements, and only when unusual circumstances fully justify such deviation. Notification, including justification, of such deviation shall be sent promptly to DCA, Attn: Code 830.

b. Procedures for distribution of DCSP official information.

2. Scope. This security guide is applicable to all DCSP official information, all projects of the DCSP and to all government agencies and civilian contractors participating in the DCSP.

3. Use of the Guide. Each document and/or item of material must be classified on its own merit consistent with the basic principles of classification as set forth in this guide and other current classification directives. The determination of the proper classification to be applied thereto cannot always be made simply on the basis of content or apparent characteristics. Therefore, the classifying official should apply his knowledge of the overall plan, project, or operation which might be involved. The relationship to other documents and/or material may compel a higher classification due to integration or consolidation of such information.

4. Reference Directives.

a. Applicable Directives.

(1) DOD Directive S5200.13, Security Policy for Military Space Programs (U).

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(2) DOD Instruction 5210.47, Security Classification of Official Information.

(3) DOD Directive 5200.1, Safeguarding Official Information in the Interest of Defense of the U. S.

(4) Confidential Memo, Deputy Secretary of Defense, Defense Communications Satellite Program Security (U), 29 October 1963.

(5) DOD Manual 5220.22-M, Industrial Security Manual for Safeguarding Classified Information.

(6) DOD Directive 5200.10, Downgrading and Declassification of Classified Defense Information.

(7) DOD Directive 5200.20, Distribution Statement (Other than Security) on Technical Documents.

(8) United States National Disclosure Policy (MIC 206/29).

b. Related Directives.

(1) AFR 205-23, (CONFIDENTIAL), Special Security Procedures for Military Space Programs and Projects (U).

(2) Confidential DA letter, AGAM-P(M) ACSI-MC, Security Policy for Military Space Programs (U).

(3) OPNAV Instruction 005500.43 (), Security Policy for Military Space Programs.

5. Changes. Recommendations for changes to improve this guide are encouraged and are to be submitted to DCA, Attn: Code 830. Submission of such a change does not constitute authority to regrade information and will not become an official change until promulgated by DCA.

6. Related Programs. Component parts of the other programs, e.g., supporting R&D projects, launch vehicles, and launch range and satellite control facilities used in the Defense Communications Satellite Program are to retain the classification assigned in applicable security guides issued by the responsible authority.

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7. Booster Evaluation. Information concerning orbit or ascent trajectories used in conjunction with payload weights which develop information relating to the performance of the booster will be classified in accordance with the applicable security guide issued by the agency responsible for the booster.
8. Automatic Grading and Regrading. Provisions shall be made for automatic downgrading, when the classifying official knows that a document, letter of transmittal, or other item, will not require its classification after a specific event occurs, or a specific date passes. Each document shall contain appropriate instructions controlling the making of extracts of quotations from classified documents. Originators of classified documents concerning the DCSP will ensure annotation of each paragraph and subparagraph, as applicable, with the initial (TS), (S), (C), or (U) as appropriate to indicate the security classification of the information contained therein (References 4a (2) and (6)). In addition, the initials "SSAR" are to be used to denote "SECRET SPECIAL ACCESS REQUIRED" information. In cases of DCSP technical documents and technical reports the appropriate distribution statements will be assigned in accordance with the provisions of reference 4.a.(7). Non-technical information and data may use the protective marking For Official Use Only as appropriate. Neither the distribution statements nor the FOUO are to be used for security purposes.
9. DD Form 254. Two copies of each DD Form 254, or other security instructions issued DCSP participating contractors will be furnished Hq., DCA, Attn: Code 803. This security guide will be listed as a reference document in the remarks section of each DD Form 254.
10. Special Access.
- a. Access lists and changes thereto will be submitted in accordance with applicable service or agency procedures.
- b. SPECIAL ACCESS instructions published by the individual government agencies will be observed when and where applicable.

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SECTION II

DISCLOSURE OF DCSP INFORMATION

1. Public Release. Information or materials, related to the DCSP, proposed for release through public information media will be processed as follows:

a. Industrial Contractors will comply with Paragraph 5n of DOD Instruction 5220.22 (), "Industrial Security Manual," and any special guidance provided by the Contracting Officer via letter notification or item 10 DD Form 254 or item 7 DD Form 254-1.

b. Department of Defense components will comply with the Public Release requirements of their Service or Agency. Additionally; although information or materials have been previously approved for release; any subsequent releases of this information must be submitted through channels for approval by the Director, DCA, Attn: Code 800. This will ensure that the material is current, accurate, and in consonance with existing policy and security considerations.

2. Requests for assistance in the determination of proper security classification are to be submitted to DCA, Attn: Code 830.

3. Authorization to distribute or make public release of DCSP official information (except that marked "SAR") will be made as follows:

a. Symposia and seminars. Requests for public release or distribution of official information pertaining to the DCSP at symposia and seminars will be made to DCA through normal channels for approval at least sixty (60) days in advance of the proposed release date.

b. Distribution of DCSP documents (domestic). Primary and Secondary Distribution of each document containing DCSP information such as system and subsystem specifications and designs, performance criteria or evaluation and program progress reports will be in accordance with its markings for:

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(1) Security classification (Ref. 4. a. (2) and (3))

(2) Special Access (Ref 4. a. (1))

(3) Distribution limitation (Ref 4. a. (7)) or FOUO if non-technical.

c. To Foreign Governments or Agencies.

Unclassified or classified information pertaining to the DCSP will not be made available to foreign governments or agencies without prior approval of DOD and the originating authority (Reference 4a (8)).

d. Notification of Dissemination to Non-DOD Agencies.

Upon transmission of official information to a DOD contractor, the releasing DOD contracting officer will notify the appropriate DOD originating agency by forwarding a copy of the letter of transmittal.

e. Requests for authority to distribute SPECIAL ACCESS information to the DOD contractors will be processed in accordance with Reference 4a (1).

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SECTION III
ADMINISTRATIVE AND REPORTING
(IDCSP and ADCSP)

	<u>Classi-</u>	<u>Group</u>	<u>Special</u>
	<u>fication</u>	<u>Marking</u>	<u>Access</u>
1. A complete list of prime contractors, sub-contractors, or suppliers	U		
2. The relationship and association of prime contractors to one another, the Defense Communications Agency (DCA), Communications Satellite Project Office (CSPO), and the Army, Navy and/or Air Force action agencies			
a. When not related to missions of the project	U		
b. When related to mission of project	U		
3. The following terms, used alone, or in combination with the names of any contractors, DCA, CSPO, or Army, Navy, and/or Air Force agencies:			
a. Medium Altitude Communications Satellite System	U		
b. Communications Satellite	U		
c. Synchronous Altitude Communications Satellite System	U		
d. IDCSP or ADCSP	U		
4. National priorities assigned to the Defense Communications Satellite Program	U		

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Classi- Group Special
fication Marking Access

5.	Contract numbers with contractor names or DOD agency titles	U		
6.	Company project numbers	U		
7.	Contractor model designations	U		
8.	Status, schedules and/or progress reports for the Defense Communications Satellite Program (DCSP) which do not contain launch dates, information requiring higher classification or special access handling	C	4	
9.	Program numerical designator used alone	U		
10.	Program numerical designator used in conjunction with or accompanied by specific program meaning or title	S	3	
11.	Announcement of contract awards	U		
12.	Fiscal elements of contract which do not reveal overall funding	U		
13.	Specific launch date or dates, i.e., day/month/year, associated with program title or number	S	3	Yes
14.	Launch date and launch range task number	U		
15.	Program title "IDCSP" with month and year of launch	U		
16.	Program title "ADCSP" with month and year of launch	C	4	

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SECTION IV

DEVELOPMENT, PRODUCTION, PROCUREMENT, SHIPMENT AND FUNDING

	<u>Classification</u>		<u>Group</u> <u>Marking</u>	<u>Special</u> <u>Access</u>
	<u>Sat.</u>	<u>Grnd.</u>		
1. Technical Development Plan				
a. IDCSP	C*	C*	4	
b. ADCSP	C*	C*	3	
2. Production Data - Number scheduled, produced, delivered, planned for delivery, or on hand:				
a. IDCSP				
(1) Satellites	U	N/A		
(2) Ground Station Equipment	U	U		
(3) Boosters adapted for IDCSP launches	U	N/A		
b. ADCSP				
(1) Satellites	C	N/A	3	
(2) Ground Stations	U	C	4	
(3) Boosters	C	N/A	3	
3. Funding:				
a. Total program or project funding which would not otherwise require higher classification because of content such as launch dates, technical charac- teristics or performance evaluation:				

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	<u>Classification</u>		<u>Group</u> <u>Marking</u>	<u>Special</u> <u>Access</u>
	<u>Sat.</u>	<u>Grnd.</u>		
(1) IDCSP	C	C	4	
(2) ADCSP	C	C	3	
b. Complete past funding to date for the entire Defense Communications Satellite Program	C	C	4	
c. Total unit cost of any satellite				
(1) IDCSP	U	N/A		
(2) ADCSP	U	N/A		
d. Total unit cost of any subsystem				
(1) IDCSP	U	U		
(2) ADCSP	U	U		
4. Data on purchase orders, shop orders, receiving reports, bills of lading, shipping orders, and packing instructions provided classified information such as operating frequencies is not revealed.	U	U		
5. Data on parts, accessories, and equipment which are available on the open market, or produced for commercial use provided classified information such as operating frequencies is not revealed.	U	U		

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	<u>Classification</u>		<u>Group</u>	<u>Special</u>
	<u>Sat.</u>	<u>Grnd.</u>		
6. Provisioning parts breakdown, provided classified information such as operating frequency is not revealed.	U	U		
7. Serial Numbers (Government or Contractor)	U	U		
8. Specific route(s) over which satellites are to be moved to or from launch range	U	N/A		
9. Specific date(s) of transportation of a major item of the satellite subsystem to launch site	C	N/A	4	
10. Shipment dates for Link Terminal	N/A	U		
11. Manufacturing, processing, technical, or operating techniques which represent a significant advance in the state-of-the-art and which are not of common knowledge or the fact that some well-known technique which proviously had been considered impractical has been developed to the point that significant practical application is feasible shall be assigned a temporary classification of SECRET, pending determination of security classification by the appropriate DOD agency. The contractor or agency that assigns the temporary security classification will request the assistance of the applicable DOD Department or DCA in determining proper security classification if required. (See Section II, Paragraph 2 above)				

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* Secret classification and Special Access will be required if TDP (or sequel) contains specific launch date, vulnerability or counter measures data.

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SECTION V

SATELLITE VEHICLE
(other than Comm. and Telemetry equipments)

	<u>Classification</u>		<u>Group</u> <u>Marking</u>	<u>Special</u> <u>Access</u>
	<u>IDCSP</u>	<u>ADCSP</u>		
1. Detailed specifications	C*	C*	4	
2. A complete, or substantially complete set of drawings	C*	C*	4	
3. Preliminary external configurations	U	U		
4. Weights, center of gravity and moments of inertia, including communication package.	U	U		
5. Complete final R&D satellite vehicle design	C*	C*	4	
6. Complete preliminary or experimental (engineering) design	U*	C*	4	
7. Complete engineering mock-up designs	U*	U*		
8. Detailed final arrangement of components (other than instrumentation for development tests)	C	C	3	
9. Details of instrumentation for development tests (providing system capabilities or operating frequencies are not revealed)	U	U		
10. Significant operating details, or performance of the following components which would assist in determining the system capability or operational limitations.				

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	<u>Classification</u>		<u>Group</u>	<u>Special</u>
	<u>IDCSP</u>	<u>ADCSP</u>		
a. Attitude Control	N/A	C	4	
b. Attitude determining instrumentation	U	C	4	
c. Auxiliary Power Supply	N/A	C	4	
d. Orbit Control	N/A	C*	3	
e. Solar Cells	U	C	4	
f. Command System	N/A	S*	3	
11. Significant operating principles, performance, or application of components other than those components itemized in Item 10, individually or collectively, which do not reveal system capability or limitations	U	C	4	
12. Countermeasures or protection from enemy countermeasures, proven or unproven	S	S	3	Yes/Yes
13. Individual manufacturing shop and assembly drawings which do not reveal operating frequencies	U*	U*		
14. External configuration of the satellite, components or sub-systems and internal profiles of satellite	U	U		

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<u>Classification</u>	<u>Group</u>	<u>Special</u>
<u>IDCSP</u>	<u>ADCSP</u>	<u>Marking</u> <u>Access</u>

- 15. Supporting R&D studies which include theoretical calculations or experimental data relating to specific current design problems or advance design concepts will be classified according to specific subject and content as determined from this guide.
- 16. Data on ground handling and support equipment, training equipment or programs, instrumentation (internal and external), maintenance, repair, and overhaul handbooks will be classified according to the specific subject, nature of equipment or content as determined from this guide.
- 17. Data on test results and reports relative to a sub-system and its components, assemblies and sub-assemblies.

a. Tests to be conducted*	U	U	
b. Results of tests	C*	C*	4

* Classification of CONFIDENTIAL is required if system limitations are revealed. These data are to be classified SECRET if system vulnerability, susceptibility to countermeasures, or counter-countermeasures capability is revealed.

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SECTION VI

IDCSP COMMUNICATIONS EQUIPMENTS

	<u>Classification</u>		<u>Security</u>
	<u>Sat.</u>	<u>Grnd.</u>	<u>Group</u>
1. Detailed or basic specifications for design of transponder or LT	U*	U*	
2. A complete, or substantially complete set of drawings		U*	
3. Preliminary external configuration and internal profiles	U*	U*	
4. Complete preliminary or experimental R&D design	U*	U*	
5. Complete design of engineering models or mock-ups	U*	U*	
6. Complete engineering models or mock-ups	U*	U*	
7. Production end items	U*	U*	
8. Details of instrumentation for development tests other than telemetry	U*	U*	
9. Specific radio frequencies for ground station-satellite links when used with program number or title.	C	C	4**
10. Frequency bands occupied	U	U	

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	<u>Classification</u>	<u>Security</u>	<u>Special</u>
	<u>Sat.</u>	<u>Grnd.</u>	<u>Group</u> <u>Access</u>
11. Specific performance of critical components, assemblies or sub-assemblies which individually or collectively would indicate system capability or operational limitations.	C*	U*	
12. Countermeasures or protection from enemy countermeasures, proven or unproven.	S	S	3 Yes/No
13. Individual manufacturing, shop and assembly drawings	U*	U*	
14. Supporting R&D studies which include theoretical calculations or experimental data relating to specific current design problems or advanced design concepts will be classified according to the specific subject or content as determined from this guide.			
15. Data on ground handling and support equipment, training equipment, or programs, instrumentation (internal and external), maintenance, repair, and overhaul handbooks will be classified according to the specific subject nature of the equipment or content as determined from this guide.			

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<u>Classification</u>	<u>Security</u>	<u>Special</u>	
<u>Sat.</u>	<u>Grnd.</u>	<u>Group</u>	<u>Access</u>

- | | | | |
|---|--------------|----|---|
| 16. Processed test data, analysis or results and reports relative to the subsystem and their components, assemblies and sub-assemblies which reveal system performance or limitation, other than AJ | C | C | 3 |
| 17. In-plant testing; i. e., engineering and functional testing. | | | |
| a. Nature of tests to be conducted | U* | U* | |
| b. Results of tests | See 16 above | | |

* If system capability or limitations are revealed information is to be classified CONFIDENTIAL. If vulnerability or countermeasures capability is revealed the information is to be classified SECRET and will require special access.

** Downgrade to Unclassified after the first launch.

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SECTION VII

ADCSP COMMUNICATIONS EQUIPMENTS

	<u>Classification</u>		<u>Security</u>	<u>Special</u>
	<u>Sat.</u>	<u>Grnd.</u>	<u>Group</u>	<u>Access</u>
1. Detailed or basic specifications.	C*	U*	4	
2. A complete, or substantially complete set of drawings.	C*	U*	4	
3. Preliminary external configuration and internal profiles	U*	U*		
4. Complete preliminary experimental or final design of:				
a. Transponder	C*	-	3	
b. Link Terminal	-	U*		
5. Complete design of and resulting engineering model or mock-up	U*	U*		
6. Production end items	C*	U*		
7. Specific radio frequencies used for ground station-satellite links	C	C	4**	
8. Frequency bands occupied	U	U		
9. Operating principles, performance, or application of subsystem components.	C*	U*	4	
10. Specific performance of critical components, assemblies, or sub-assemblies which indicate system capability or operational limitations other than counter-measures.	C*	C*	4	

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	<u>Classification</u>		<u>Security</u>	<u>Special</u>
	<u>Sat.</u>	<u>Grnd.</u>	<u>Group</u>	<u>Access</u>
11. Countermeasures or protection from enemy countermeasures, proven or unproven	S	S	3	Yes/No
12. External configuration of the communication subsystem provided physical or detailed access to classified information can be effectively denied to unauthorized personnel.	U	U		
13. Supporting R&D studies which include theoretical calculations or experimental data relating to specific design problems or advanced design concepts will be classified in accordance to specific subject and nature of equipment or content as determined from this guide.				
14. Data on ground handling and support equipment, training equipment or program, instrumentation (internal and external), maintenance, repair and overhaul handbooks will be classified according to the special subject, nature of equipment or content as determined from this guide.				
15. Processed data, test results and reports relative to a subsystem, its components, assemblies and sub-assemblies	C*	C*	4	

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<u>Classification</u>	<u>Security</u>	<u>Special</u>
<u>Sat.</u>	<u>Grnd.</u>	<u>Group</u>
<u>Access</u>		

16. In-plant testing; i. e.,
 engineering and functional
 testing.

a. Nature of tests to be conducted	U*	U*	
b. Results of tests	C*	C*	4

* Classification of CONFIDENTIAL is required if system limitations are revealed. These data are to be classified SECRET if system vulnerability, susceptibility to countermeasures, or counter-countermeasures capability is revealed.

** Downgrade to unclassified after first launch.

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SECTION VIII

IDCSP TRACKING AND TELEMETRY (T&T) EQUIPMENTS

	<u>Classification</u>		<u>Security</u>
	<u>Sat.</u>	<u>Grnd.</u>	<u>Group</u>
1. Detailed or basic specifications	U	U	
2. A complete, or substantially complete set of drawings	U	U	
3. Complete preliminary experimental or final R&D design of T&T subsystem	U	U	
4. Complete preliminary or final engineering model or mock-up or its design	U	U	
5. Detailed final arrangement of components	U	U	
6. Details of instrumentation of the development test vehicles (satellite telemetry schedule)	C	N/A	4
7. Specific radio frequencies used for ground station- satellite links (or vice-versa) and crystals for generating these frequencies when used with program number or title. (Downgraded to unclassified after initial launch).	C	C	4
8. Frequency bands occupied	U	U	
9. External configuration of components, assemblies, or sub-assemblies	U	U	

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<u>Classification</u>		<u>Security</u>
<u>Sat.</u>	<u>Grnd.</u>	<u>Group</u>

- | | | | | |
|-----|---|----|-----|---|
| 10. | Supporting R&D studies which include theoretical calculations or experimental data relating specific current design problems or advanced design concepts is to be classified according to specific subject or content as established in this guide. | | | |
| 11. | Data on support equipment, training equipment or programs, instrumentation (internal and external), maintenance, repair, and overhaul handbooks will be classified according to the specific subject, nature of equipment or content as determined from this guide. | | | |
| 12. | Processed data, test results and reports relative to the T&T subsystem and its components, assemblies and sub-assemblies, will normally be unclassified, except as specifically classified in this guide and which does not reveal system performance or limitations, or vulnerability. | U | U | |
| 13. | In-plant testing; i. e., engineering and functional testing. | | | |
| | a. Tests to be conducted | U* | U* | |
| | b. Results of tests | U* | U* | |
| 14. | Pre-launch predicted orbital data | U | N/A | |
| 15. | Actual orbital data (after launch) | U | N/A | |
| 16. | Comparison of pre-launch predicted and actual orbital data | C | N/A | 4 |

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	<u>Classification</u>		<u>Security</u>
	<u>Sat.</u>	<u>Grnd.</u>	<u>Group</u>
17. Raw telemetry data	U	N/A	
18. Processed telemetry data when:			
a. Associated with vehicle identification only	U	N/A	
b. Associated with other data which together reveals capability or limitations of individual satellites	C	N/A	4

* Classification of CONFIDENTIAL is required if system limitations are revealed. These data are to be classified SECRET if system vulnerability, susceptibility to countermeasures, or counter-countermeasures capability is revealed.

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SECTION IX

ADCSP TRACKING, TELEMETRY AND COMMAND (TT&C) SUBSYSTEM

	<u>Classification</u>		<u>Security</u>	<u>Special</u>
	<u>Sat.</u>	<u>Grnd.</u>	<u>Group</u>	<u>Access</u>
1. Detailed or basic specifications of:				
a. Command Equipments	S	S	3	
b. Tracking and Telemetry	C	U	4	
2. A complete, or substantially complete, set of drawings:				
a. Command	S	S	3	
b. Tracking and Telemetry	C	U	4	
3. Complete preliminary, experimental or final subsystem design:				
a. Command	S	S	3	
b. Tracking and Telemetry	C	U	4	
4. Complete preliminary or final engineering model or mock-up and its design	U	U		
5. Details of instrumentation of the development test vehicles (satellite telemetry schedule)	C	N/A	4	
6. Complete final design, significant operating details, or performance of the following subsystem components (individually):				

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	<u>Classification</u>		<u>Security Group</u>	<u>Special Access</u>
	<u>Sat.</u>	<u>Grnd.</u>		
a. Antenna Structure	U	U		
b. Tracking receiver (without crystals)	U	U		
c. Special modulation system (other than command)	C*	C*	4	
d. Transducers	U	U		
e. Command equipments	S	S	3	
f. Access codes and anti-jam provisions	S	S	3	Yes/Yes
g. Telemetry transmitters	U	U		
h. Specific radio frequencies used for ground station-satellite links and crystals used for generating these frequencies. (Downgrade to Unclassified after initial launch).	C	C	4	
i. Frequency bands occupied	U	U		
7. Complete final design, significant operating principles, performance, or application of components other than those mechanisms itemized in Item 6	U	U		
8. Specific performance of critical components, assemblies or sub-assemblies which indicate satellite capability or operational limitations other than vulnerability countermeasures	C*	C*	3	

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	<u>Classification</u>		<u>Security</u>	<u>Special</u>
	<u>Sat.</u>	<u>Grnd.</u>	<u>Group</u>	<u>Access</u>
9. Countermeasures or protection from enemy countermeasures, proven or unproven	S	S	3	Yes/Yes
10. External configuration of components, assemblies or sub-assemblies	U	U		
11. Supporting R&D studies which include theoretical calculations or experimental data relating to specific design problems or advanced design concepts will be classified according to specific subject as established in this guide.				
12. Data on support equipment, training equipment or programs, instrumentation (internal and external), maintenance, repair, and overhaul handbooks will be classified according to the specific subject, nature of equipment or content as determined from this guide.				
13. Data on test results and reports relative to a subsystem and its components, assemblies and sub-assemblies, will be classified in accordance with the individual subjects in Para. 6 above.				
14. In-plant testing; i. e., engineering and functional testing				
a. Tests to be conducted	U*	U*		
b. Results of tests	C*	C*	4	

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	<u>Classification</u>	<u>Security</u>	<u>Special</u>
	<u>Sat.</u>	<u>Grnd.</u>	<u>Group</u>
			<u>Access</u>
15. Pre-launch predicted orbital data	U	-	
16. Actual orbital data (after launch)	U	-	
17. Comparison of pre-launch predicted and actual orbital data	C	-	4
18. Raw telemetry data	U		
19. Processed telemetry data when:			
a. Associated with vehicle identification only	U	-	
b. Associated with other data which together reveals satellite's capability or limitations	C*	C*	3

* Classification of CONFIDENTIAL is required if system limitations are revealed. These data are to be classified SECRET if system vulnerability, susceptibility to countermeasures, or counter-countermeasures capability is revealed.

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SECTION X
AEROSPACE GROUND EQUIPMENT
IDCSP AND ADCSP

	<u>Classification</u>		<u>Security Group</u>
	<u>Sat.</u>	<u>Grnd.</u>	
1. Overall AGE system test data (pertaining to satellite tests)	C*	C*	4
2. AGE shipping and/or production schedules	U	U	
3. Monitor-control and check-out equipment	U*	U*	
4. Handling equipment	U	U	
5. Servicing equipment	U	U	
6. Tools and test equipment	U*	U*	

* Classification of CONFIDENTIAL is required if system limitations are revealed. These data are to be classified SECRET if system vulnerability, susceptibility to countermeasures, or counter-countermeasures capability is revealed.

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SECTION XI

IDCSP AND ADCSP SURFACE COMPLEX

	<u>Classification</u>	<u>Group Marking</u>
1. Planning documents, charts, diagrams which reveal specific overseas locations prior to contact with foreign government involved will normally be classified CONFIDENTIAL but may be classified higher if required by other government agencies.		4
2. Overseas location after negotiations with foreign government involved. (State Department coordination prior to downgrading may be required)	U	
3. Location of Department of Defense Satellite Control Facility T&C stations in support of the DCSP	U*	
4. Location of Department of Defense Satellite Communications Control Facilities	U	
5. Locations of Department of Defense Communications Satellite Earth Stations.	U (see 1 and 2 above)	
6. Supporting Ground Communications Facilities	U	

* Specific coordinates T&C stations of USAF SCF expressed to nearest second (whether in seconds or equivalent decimals) will be classified SECRET.

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SECTION XII

IDCSP TEST AND EVALUATION DATA

	Classification		Security Group
	Sat.	Grnd.	
1. Detailed or basic test organization, including functions	U	U	
2. General test objectives will be generally unclassified, but detailed test objectives will carry a classification consistent with the degree of information revealed by the nature of test objective.			
3. Test objectives, in combination with criteria and/or relative priorities			
a. Communications subsystem	U*	U*	
b. Satellite Vehicle less communication equipments	C	C	3
4. Test planning documents will be classified according to their content as determined by reference to the applicable subjects and section of this guide.			
5. Raw or unprocessed communication subsystem test data as compiled by single link terminal	U*	U*	
6. Analysis of test data and reports relative to system performance including capabilities, limitations, or deficiencies:			
a. Booster vehicle system deficiencies	C**		4

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	<u>Classification</u> <u>Sat.</u>	<u>Grnd.</u>	<u>Security</u> <u>Group</u>	<u>Special</u> <u>Access</u>
b. Communications subsystem deficiencies except A-J	C	C	4	
c. Deficiencies relative to access codes and anti-jamming provisions	S	S	3	Yes/Yes
d. Satellite vehicle except communication equipment	C	C	3	
7. Compatibility with DCS facilities	N/A	U*		

* Classification of CONFIDENTIAL is required if system limitations are revealed. These data are to be classified SECRET if system vulnerability, susceptibility to countermeasures, or counter-countermeasures capability is revealed.

** Unless higher classification for protection of booster information is required by the applicable security guide published by the agency responsible for the booster.

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	<u>Classification</u>		<u>Security</u>	<u>Special</u>
	<u>Sat.</u>	<u>Grnd.</u>	<u>Group</u>	<u>Access</u>
b. Communications sub-system deficiencies	C	C	4	
c. Deficiencies relative to access codes and anti-jamming provisions	S	S	3	Yes/Yes
7. Compatibility with DCS facilities	N/A	U*		

* Classification of CONFIDENTIAL is required if system limitations are revealed. These data are to be classified SECRET if system vulnerability, susceptibility to countermeasures, or counter-countermeasures capability is revealed.

** Unless higher classification for protection of booster information is required by the applicable guide compiled by the agency responsible for the booster.

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SECTION XIII

ADCSP TEST AND EVALUATION DATA

	Classification		Security Group
	Sat.	Grnd.	
1. Detailed or basic test organization, including functions	U	U	
2. General test objectives will be generally unclassified, but detailed test objectives will carry a classification consistent with the degree of information revealed by the nature of test objective.			
3. Test objectives, in combination with criteria and/or relative priorities	U*	U*	
4. Test planning document will be classified according to their content as determined by reference to the applicable section of this guide.			
5. Raw or unprocessed communication subsystem test data as compiled by a single link terminal	U*	U*	
6. Analysis of test data and reports relative to system performance including capabilities, limitations or deficiencies:			
a. Booster vehicle system deficiencies	U**		