

**NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER**

FORMAT AND MNEMONICS FOR RECORDS IN THE INSTALLATIONS DATA FILE

Declass Review by
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JUNE 1970

COPY **1**

43 PAGES

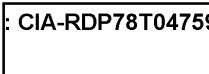
GROUP 1. EXCLUDED FROM
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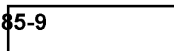


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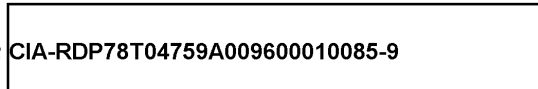
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FORMAT AND MNEMONICS FOR RECORDS
IN THE
INSTALLATIONS DATA FILE

June 1970

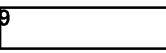
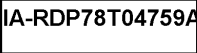
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FORMAT AND MNEMONICS FOR RECORDS
IN THE INSTALLATIONS DATA FILE

The Installations Data File (IDF) contains information derived from imagery and compiled by organizations responsible for imagery interpretation. This file, which is an outgrowth of NPIC's Target Brief File and DIA's Uniform Photo Interpretation Reports File, contains information on targets designated by NPIC and COMIREX. In the IDF all information on a single target is stored in one record. At present there are about 30,000 records in this file. Each is identified by a machine reference number (MRN). Such a number is assigned to each record by the UNIVAC 494 computer system and will never be changed or assigned to another record. With the exception of MRN 1, the format -- not the contents -- of each record in the IDF is identical. Mission highlights for first- and second-phase reports are recorded in MRN 1; no other information is stored in this record.

One record consists of 14 sectors, each of which contains a specific type of information about an installation. All sectors consist of fields; all fields consist of one or more items. Thus, the format of each record is the following:

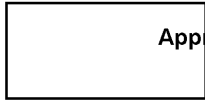
smallest unit-----item
field
largest unit-----sector

Fields may be non-repeating or repeating. (See GLOSSARY.) All sectors, fields, and items are identified by mnemonics.

In each record mission numbers are recorded in MISS items in several fields. In each of these items a mission number is always preceded by the two-letter abbreviation for a collection system or mission nickname. This abbreviation is also used as a code for the defense classification of the specified data and recorded in a CLAS item. Codes now being used are listed below.

| <u>Collection System or Mission Nickname</u> | <u>CLAS Code</u> | <u>Related Defense Classification</u> |
|--|----------------------|---|
| [Redacted] | [Redacted] | [Redacted] |
| BUMPY ACTION (China) | BO | SECRET/No Foreign Dissem |
| BUMPY ACTION (N. Vietnam) | BO | CONFIDENTIAL/No Foreign Dissem |
| CHURCH DOOR [Redacted] | C- | SECRET/No Foreign Dissem |
| [Redacted] | [Redacted] | [Redacted] |
| [Redacted] | [Redacted] | [Redacted] |



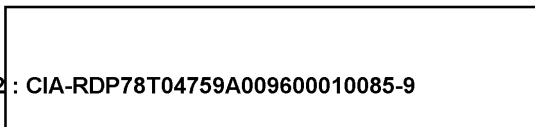


| <u>Collection System or Mission Nickname</u> | <u>CLAS Code</u> | <u>Related Defense Classification</u> | |
|--|------------------|---------------------------------------|------|
| GIANT NAIL | GA | CONFIDENTIAL/No Foreign Dissem | |
| | | | 25X1 |
| GIANT SCALE | GS | SECRET | |
| OLD HEAD | OH | SECRET | 25X1 |
| TALENT-KEYHOLE | KH | TOP SECRET CHESS | |
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GLOSSARY

Brief, general descriptions of terms and abbreviations used in this publication are listed below.

- AIF Automated Intelligence File.
- AUD Automatic Update Program; available to users only indirectly by means of the OUD and VEA computer programs.
- CHARACTER A single letter, number, or symbol; the smallest unit of information considered in this publication.
- FIELD A unit of information consisting of one or more items; every field is identified by a mnemonic.
- FILE A set of records.
- FORMAT The arrangement of data in a file, record, sector, field, or item; also refers to the arrangement of data that is input or output.
- ITEM A unit of information consisting of one or more characters; identified by a mnemonic; has no mnemonic when it is the only item comprising a field.
- MNEMONIC A combination of letters or of letters and symbols used to identify a sector, field, or item.
- MRN Machine reference number; assigned by the computer to each record in the IDF for identification purposes; will not be changed or transferred to another record.
- NTP National Tasking Plan.
- OUD On-Line Update Program; a computer program that uses the AUD Program to update the IDF; available to authorized users.



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RECORD

A unit of information consisting of one or more sectors; in the IDF each record is identified by a machine reference number.

REPEATING FIELD

A field which is used as often as necessary, i.e., repeated to record different values; all occurrences (instances) of the field are identified by the same mnemonic; in this publication all repeating fields are annotated as such.

SECTOR

A unit of information consisting of one or more fields; a sector is identified by a mnemonic.

UNIT RECORD

See RECORD.

VALUE

The contents of a given record, sector, field, or item; synonymous with entry and data.

MNEMONICS, CONTENT, AND
FORMAT OF IDF RECORDS

The mnemonics, content, and format for sectors, fields, and items in each record are presented on the following pages. The word, blank, has been abbreviated to lowercase b; number to N; and letter to A. The format of MRN 1 appears at the end of the publication.

The mnemonics, content, and format for sectors, fields, and items in the file will change from time to time. Such changes will be disseminated by the Automated Information Division, Production Services Group whenever necessary.

TOP SECRET

| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|--|-------------------------------|-----------|---|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IBRIE | AOT: | Location of target in relation to other known targets or installations; text | Alphanumeric; length may vary | | | |
| | BRI: | Brief 3rd-phase report or description from 1st- or 2nd-phase readouts or data flagged by L in former Target Brief File | | AGEN | Originating agency; usually agency assigned responsibility by NTP | 6 alphanumeric characters; left justify; leave unused positions blank; e.g., NPICbb |
| | | | | CLAS | Code for defense classification of report or readout | First 2 characters of mission designator; see MISS item |
| | | | | DATE | Date of report or readout | NNNNNN NN = last 2 digits of year NN = month NN = day e.g., 701213 |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|--|-------------------------------|---------------------------------|--|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IBRIE | BRI: | | | MISS | Mission designator: ID for satellite or aircraft reconnaissance mission & mission number; latest mission | Maximum of 9 characters Positions 1-2: code for collection system Positions 3-9: mission & bucket numbers; left justify; leave unused positions blank Example: KH1106-1b |
| | | | | PHAS | Phase of exploitation | N; N is usually 3 |
| | DES: | Description of target; text | Alphanumeric; length may vary | | | |
| | DIR: | Dissenting remarks by other agencies in intelligence community; <u>repeating field</u> | | AGEN | Originating agency | 6 alphanumeric characters; left justify; leave unused positions blank |
| | | | CLAS | Code for defense classification | First 2 characters of mission designator | |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|--|---|-----------|--|--|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IBRIE | DIR: | | | DATE | Date of report containing dissenting remarks | NNNNNN NN = last 2 digits of year NN = month NN = day e.g., 701213 |
| | | | | TEXT | Dissenting remarks; text | Alphanumeric; length may vary |
| | PHO: | References to photography used in compiling specified report; <u>repeating field</u> May contain mission, pass, date, frames, x-y coordinates, etc.; see PHO: field, IPHOT sector; values to be recorded & format of each are responsibility of originator | 70 alphanumeric characters; left justify; separate values with commas; leave unused positions blank | | | |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|----------------------|--------|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |

| | | | |
|-------|------|---|-------------------------------|
| IBRIE | SEC: | Security & defenses of target specified in report; text | Alphanumeric; length may vary |
| | STA: | Status of target specified in report; text | Alphanumeric; length may vary |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|---|--------|-----------|---|--|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| ICNTR | CNTR | Update data for readout entered by Data Entry (DEN) Program; <u>repeating field</u> | | AREA | Area designator | N or blank N = 1 through 7 |
| | | | | COVR | Extent of coverage P = partial C = complete Angle of coverage O = oblique V = vertical | AA A = P or C A = 0 or V |
| | | | | CREQ | Designator for collection requirement S = satisfied U = not satisfied | A; may also be blank A = S or U |
| | | | | DATE | Date AUD Program updated IDF; supplied by computer | NNNNNN NN = last 2 digits of year NN = month NN = day e.g., 701213 |

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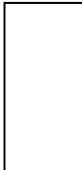
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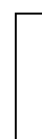
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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|---|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| ICNTR | CNTR | | | FLAG | Character indicates specified occurrence of field cannot be retired from IDF; supplied by OUD Program | A or blank |
| | | | | FRM: | Reference for best frame specified in WWIPR; pass/frame or frame/camera station | 8 characters Satellite photography positions 1-4: NNNA = pass positions 5-8: FNNA = camera/frame ANNA = camera/frame INNA = index number Aircraft photography positions 1-4: NNNA = frame; right justify; use leading zeros positions 5-8: camera station; left justify; leave unused positions blank |



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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|---|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| ICNTR | CNTR | | | MISS | Mission designator: ID for satellite or aircraft reconnaissance mission & mission number | Maximum of 9 characters Positions 1-2: code for collection system Positions 3-9: mission & bucket numbers; left justify; leave unused positions blank Example: KH1106-1b |
| | | | | MODE | Type of film & extent of coverage | A; A = S, W, A, P, C, B, D, F, R, or N |
| | | | | OTHR | Other conditions affecting photo interpretation SN = snow SH = shadow OL = obliquity SD = semidarkness HD = heavy dust | AA; AA = SN, SH, OL, SD, or HD |
| | | | | PART | WWIPR part in which readout is placed | NA; N = 1-4; A = A-Z |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|---|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| ICNTR | CNTR | | | PHAS | Phase of exploitation | N; N = 1 or 2 |
| | | | | QUAL | Quality of interpretability of film E = excellent G = good F = fair P = poor | A; A = E, G, F, or P |
| | | | | TIME | Time of day record was updated by AUD; supplied by computer | NNNN |
| | | | | URG: | x-y coordinates of target; derived from FRM: item | NNNNN NNN = x coordinate NNN = y coordinate |
| | | | | WETH | Weather conditions CL = clear SC = scattered clouds HC = heavy clouds HA = haze | AA; AA = CL, SC, HC, or HA |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|---|--------|-----------|---|--|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| ICOLL | COLL | Collateral information relating to target; <u>repeating field</u> | | CLAC | Code for defense classification | First 2 characters of mission designator |
| | | | | DATE | Date of information | NNNNNN NN = last 2 digits of year NN = month NN = day e.g., 701213 |
| | | | | FLAG | Character indicates specified occurrence of field cannot be retired from IDF; value supplied by OUD Program | A or blank |
| | | | | TEXT | Text of collateral | Alphanumeric; length may vary |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|---|--------|-----------|---|--|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IDESC | DES: | Additional data on target status & activity; changes; either complete redescription or incomplete description; <u>repeating field</u> | | AGEN | Agency reporting data | 6 alphanumeric characters; left justify; leave unused positions blank |
| | | | | CLAS | Code for defense classification | First 2 characters of mission designator; see MISS item |
| | | | | DATE | Date of frame | NNNNNN NN = last 2 digits of year NN = month NN = day e.g., 701213 |
| | | | | FLAG | Character indicates specified occurrence of field cannot be retired from IDF; value supplied by OUD Program | A or blank |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|--|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IDESC | DES: | | | MISS | Mission designator; ID for satellite or aircraft reconnaissance mission & mission number | Maximum of 9 characters Positions 1-2: code for collection system Positions 3-9: mission & bucket numbers; left justify; leave unused positions blank Example: KH1106-lb |
| | | | | PHAS | Phase of exploitation | N; N = 1 or 2 |
| | | | | TEXT | Text on target status & activity; changes | Alphanumeric; length may vary |
| | | | | TRIN | Indicator for type of description DES: = complete re-description RMK: = incomplete description | 4 characters; DES: or RMK: |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|---|-------------------------------|-----------|---------------------------------|--|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IDETE | AOT: | Location of target in relation to other known targets; text | Alphanumeric; length may vary | | | |
| | DES: | Description of target; text | Alphanumeric; length may vary | | | |
| | DET: | Basic 3rd-phase report | | AGEN | Originating agency | 6 alphanumeric characters; left justify; leave unused positions blank |
| | | | | CLAS | Code for defense classification | First 2 characters of mission designation; see MISS item |
| | | | | DATE | Date of report | NNNNNN NN = last 2 digits of year NN = month NN = day e.g., 701213 |
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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|--|---|-----------|--|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IDETE | DET: | | | MISS | Mission designator: ID for satellite or aircraft reconnaissance mission & mission number; use latest mission | Maximum of 9 characters Positions 1-2: code for collection system Positions 3-9: mission & bucket numbers; left justify; leave unused positions blank Example: KH1106-1b |
| | | | | PHAS | Phase of exploitation | N; N = 3 |
| | PHO: | Photo references used in compiling report; <u>repeating field</u> May contain mission, pass, date, frames, x-y coordinates, etc.; see PHO: field, IPHOT sector; values to be recorded & format of each are responsibility of originator | 70 alphanumeric characters; left justify; separate values with commas; leave unused positions blank | | | |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|---|-------------------------------|-----------|----------------------|--------|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IDETE | SEC: | Security & defenses of target specified in report; text | Alphanumeric; length may vary | | | |
| | STA: | Status of target specified in report; text | Alphanumeric; length may vary | | | |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|--|---|-----------|--------------------------------------|-----------------------------------|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IHEAD | AGEN | Agency assigned responsibility by NTP for 3rd-phase report | 6 alphanumeric characters; left justify; leave unused positions blank | | | |
| | BE\$\$ | <u>Basic Encyclopedia</u> number | | BWAC | World Aeronautical Chart number | NNNN |
| | | | | BNUM | Installation number | ANNNNN, -NNNNN, AANNNN, or -ANNNN |
| | CAT\$ | IDHS category code | | CATP | First 3 digits of IDHS category code | NNN |
| | | | | CATS | Last 2 digits of IDHS category code | NN |

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| SECTOR | F I E L D S | | | I T E M S | | |
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| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IHEAD | COMI | COMIREX number | | CMIP | All characters to left of & including first alpha character | NNA or NA |
| | | | | CMIS | All characters to right of first alpha character | NNNNAA or NNNNbb Left justify; leave unused positions blank |
| | COMP | IEG component code; designates exploitation responsibility | NNA or NNN | | | |
| | CORV | Indicates validation of coordinates; value assigned by IEG | 1 character | | | |
| | COUN | Country code; see <u>Basic Encyclopedia</u> | AA | | | |
| | CPRI | Priority code for COMIREX collection | NA | | | |

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| SECTOR | F I E L D S | | | I T E M S | | |
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| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IHEAD | DELE | Annotated photos of target Y = yes N = no | A; A = Y or N | | | |
| | GEO\$ | AIF or imagery-derived coordinates | | | 15 characters | |
| | | | | LATD | Degrees of latitude | NN |
| | | | | LATM | Minutes of latitude | NN |
| | | | | LATS | Seconds of latitude | NN or // |
| | | | | LATR | Direction | A; A = N or S |
| | | | | LOND | Degrees of longitude | NNN |
| | | | | LONM | Minutes of longitude | NN |
| | | | | LONS | Seconds of longitude | NN or // |
| | | | LONR | Direction | A; A = E or W | |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|---|--|-----------|----------------------|--------|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IHEAD | INDI | Indicator for validity of coordinates in AIF | AA, AN, or blank | | | |
| | MILI | Number of military district in which target is located; assigned by DIA | NNN | | | |
| | MRN\$ | Machine reference number; identifies target record | NNNNNN; right justify; use leading zeros | | | |
| | NAME | Name of target given in AIF | 38 alphanumeric characters | | | |
| | NAMV | Indicates validation of target name; value assigned by IEG | 1 character | | | |
| | NCAT | NPIC category code | AAN | | | |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|--|----------------------|-----------|----------------------|--|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IHEAD | NPIC | NPIC identification number; supersedes WAC/PIC number | | NWAC | WAC number | NNNN |
| | | | | NNUM | NPIC number | -NNNN-AN Left justify; leave unused positions blank |
| | NTPC | NTP category code assigned by COMIREX | AANNN | | | |
| | SRAD | Radius of target or area of interest to tenths of a nautical mile; decimal point is assumed & not expressed in value | NNNN; right justify | | | |
| | TSTA | NPIC code for target status; for NPIC use only blank = active * = inactive R = retired | 1 character or blank | | | |
| | XPRI | Priority code for COMIREX exploitation | NA | | | |

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| SECTOR | F I E L D S | | | I T E M S | | |
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| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| ILOCA | ASI: | Facilities inside target complex: 1) name & WAC-BE numbers, or, 2) NPIC ID number & IDHS or NPIC category code; <u>repeating field</u> | 55 alphanumeric characters | | | |
| | ELEV | Elevation of target in relation to mean sea level; value is plus or minus | NNNNN or -NNNN Right justify; use leading zeros | | | |
| | IDC: | Imagery-derived geo-coordinates | 15 characters: NNNNNNANNNNNNA | | | |
| | IDH: | Additional IDHS category codes; <u>repeating field</u> | NNNNN | | | |
| | MPR: | Map references for target; <u>repeating field</u> | 30 alphanumeric characters | | | |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|----------------------|--------|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |

| | | | |
|-------|------|--|-----------------------------------|
| ILOCA | SOU: | References for collateral reports; titles & ID numbers; <u>repeating field</u> | 45 alphanumeric characters |
| | UTM: | UTM Grid coordinates of target | 15 characters: NNAAANNNNNNNNNN |
| | WAGC | World Area Grid code | 10 characters: NNNNNNNAN |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|--|--------|-----------|--|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| INEGA | NSEC | Negation data on security & defenses of target | | AGEN | Agency submitting information | 6 alphanumeric characters; left justify; leave unused positions blank |
| | | | | CLAS | Code for defense classification of data | First 2 characters of mission designator; see MISS item |
| | | | | DATE | Date of imagery on which information is based | NNNNNN NN = last 2 digits of year NN = month NN = day e.g., 701213 |
| | | | | MISS | Mission designator: ID for satellite or aircraft reconnaissance mission & mission number | Maximum of 9 characters Positions 1-2: code for collection system Positions 3-9: mission & bucket numbers; left justify; leave unused positions blank Example: KH1106-1b |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|--------------------------------|--------|-----------|---|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| INEGA | NSEC | | | PHAS | Phase of exploitation | N; N = 1 or 2 |
| | | | | PHOT | May contain pass, frame, x-y coordinates, etc.; see PHO: field, IPHOT sector; values to be recorded & format of each are responsibility of originator | 45 alphanumeric characters; left justify; separate values with commas; leave unused positions blank |
| | NSTA | Negation information on target | | AGEN | Originating agency | 6 alphanumeric characters; left justify; leave unused positions blank |
| | | | | CLAS | Code for defense classification | First 2 characters of mission designator; see MISS item |
| | | | | DATE | Date of frame on which negation data is based | NNNNNN NN = last 2 digits of year NN = month NN = day e.g., 701213 |

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|---|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| INEGA | NSTA | | | MISS | Mission designator: ID for satellite on aircraft reconnaissance mission & mission number | Maximum of 9 characters Positions 1-2: code for collection system Positions 3-9: mission & bucket numbers; left justify; leave unused positions blank Example: KH1106-1b |
| | | | | PHAS | Phase of exploitation | N; N = 1 or 2 |
| | | | | PHOT | May contain pass, frame, x-y coordinates, etc.; see PHO: field, IPHOT sector; values to be recorded & format of each are responsibility of originator | 45 alphanumeric characters; left justify; separate values with commas; leave unused positions blank |

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TOP SECRET

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TOP SECRET

27

25X1

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|----------------------|--------|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |

| | | | | | | |
|-------|------|--|-------------------------------|--|--|--|
| INOTE | TEXT | PI notes; text recorded on work sheets; for NPIC internal use only; <u>repeating field</u> | Alphanumeric; length may vary | | | |
|-------|------|--|-------------------------------|--|--|--|

TOP SECRET

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TOP SECRET

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|---|--------|-----------|---|--|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IOBJE | OBJE | Order of battle & other objects related to target; <u>repeating field</u> | | AGEN | Agency submitting data | 6 alphanumeric characters; left justify; leave unused positions blank |
| | | | | CLAS | Code for defense classification | First 2 characters of mission designator; see MISS item |
| | | | | DATE | Date of frame on which OB or other objects are visible | NNNNNN NN = last 2 digits of year NN = month NN = day e.g., 701213 |
| | | | | FLAG | Character indicates specified occurrence of field cannot be retired from IDF; value supplied by OUD Program | A or blank |

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TOP SECRET

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TOP SECRET

29

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|--|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IOBJE | OBJE | | | MISS | Mission designator: ID for satellite or aircraft reconnaissance mission & mission number | Maximum of 9 characters Positions 1 & 2: code for collection system Positions 3-9: mission & bucket numbers; left justify; leave unused positions blank Example: KH1106-1b |
| | | | | OCLA | Designator for class of object | 6 numeric characters |
| | | | | OCNT | Number of objects sighted | NNNN; right justify; use leading zeros |
| | | | | ONAM | Name of object(s) | 24 alphanumeric characters |
| | | | | ONUM | Target number assigned to object(s) | 9 numeric characters |
| | | | | OVAL | Confidence factor in identification of object(s) | AAAA; AAAA = CONF, POSS, or PROB |

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TOP SECRET

30

TOP SECRET

| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|--|-------------------------------|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IOBJE | OBJE | | | PHAS | Phase of exploitation | N; N = 1 or 2 |
| | | | | TEXT | Description of OB & other objects; optional entry | Alphanumeric; length may vary |
| | | | | TIME | Time clock reference on frame, if available; not used at present | NNNN |
| | | | | TYPE | Type of object(s) MIS:, AOB:, NVL:, GFW:, ELC:, AAA:, or OBJ: | 4 characters |

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TOP SECRET

TOP SECRET

| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|---|--------|-----------|--|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IPHOT | PHO: | Photo references for each observation of target; <u>repeating field</u> | | ACMR | Aircraft mission only; additional camera station; stereo coverage | 4 alphanumeric characters |
| | | | | AFRA | Additional frame reference; stereo coverage | 14 alphanumeric characters |
| | | | | AGEN | Agency submitting references | 6 alphanumeric characters; left justify; leave unused positions blank |
| | | | | BEST | Indicator for evaluation of photo reference cited; limited to best or not best blank = not best * = best | 1 character or blank; character = * |
| | | | | CLAS | Code for defense classification | First 2 characters of mission designator; see MISS item |
| | | | | CMRA | Aircraft mission only; camera station if applicable | 4 alphanumeric characters in any sequence |

TOP SECRET

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TOP SECRET

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|---|--|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IPHOT | PHO: | | | COVR | Extent of coverage P = partial C = complete Angle of coverage O = oblique V = vertical | AA A = P or C A = O or V |
| | | | | CREQ | Status of collection requirement S = satisfied P = partially satisfied U = not satisfied | A; A = S, P, or U |
| | | | | DATE | Date of frame | NNNNNN NN = last 2 digits of year NN = month NN = day e.g., 701213 |
| | | | | FCOR | x-y coordinates of target; from PRAM item | 9 characters NN.N-NN.N |

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TOP SECRET

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|---|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IPHOT | PHO: | | | FLAG | Character indicates specified occurrence of field cannot be retired from IDF; character supplied by OUD Program | A or blank |
| | | | | FRAM | Frame/index/camera from which x-y reading was taken; can contain up to 3 frame values | 14 alphanumeric characters; left justify; separate each value with a comma; for KH4, position 1 = F or A |
| | | | | INDC | Exploitation indicator | 4 characters NAC, NOOB, or IDO; left justify |
| | | | | MISS | Mission designator: ID for satellite or aircraft reconnaissance mission & mission number | Maximum of 9 characters Positions 1-2: code for collection system Positions 3-9: mission & bucket numbers; left justify; leave unused positions blank Example: KH1106-1b |

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TOP SECRET

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|--|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IPHOT | PHO: | | | MODE | Type of film & extent of stereo: S, W, A, P, C, B, D, F, R, or N | A |
| | | | | OTHER | Other conditions affecting photo interpretation: SN = snow SH = shadow OL = obliquity SD = semidarkness HD = heavy dust | AA |
| | | | | PASS | For satellite mission only; revolution during which photography was taken | 4 characters NNNA = ascending NNNM = mixed NNND = descending NNNE = engineering Right justify; use leading zeros |

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TOP SECRET

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35

| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|---|-------------------------------|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IPHOT | PHO: | | | QUAL | Quality of interpretability: E, G, F, or P | A = E, G, F, or P |
| | | | | TEXT | IMR entries from WWIPIR input | Alphanumeric; length may vary |
| | | | | WETH | Weather conditions CL = clear SC = scattered clouds HC = heavy clouds HA = haze | AA; AA = CL, SC, HC, or HA |



TOP SECRET



TOP SECRET

36

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|----------------------|--------|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |

| | | | | | | |
|-------|------|--------------------------------------|-------------------------------|--|--|--|
| IREAD | TEXT | Requirement for target readout; text | Alphanumeric; length may vary | | | |
|-------|------|--------------------------------------|-------------------------------|--|--|--|

TOP SECRET

31

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TOP SECRET

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|---|--------|-----------|---|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| ISECU | DFC: | Security & defenses of target; <u>repeating field</u> | | AGEN | Agency reporting information | 6 alphanumeric characters; left justify; leave unused positions blank |
| | | | | CLAS | Code for defense classification | First 2 characters of mission designator; see MISS item |
| | | | | DATE | Date of frame on which data is based | NNNNNN NN = first 2 digits of year NN = month NN = day e.g., 701213 |
| | | | | FLAG | Character indicates specified occurrence of field cannot be retired from IDF; value supplied by OUD Program | A or blank |

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TOP SECRET

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38

| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|--|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| ISECU | DFC: | | | MISS | Mission designator: ID for satellite or aircraft reconnaissance mission & mission number | Maximum of 9 characters Positions 1-2: code for collection system Positions 3-9: mission & bucket numbers; left justify; leave unused positions blank |
| | | | | PHAS | Phase of exploitation | N; N = 1 or 2 |
| | | | | TEXT | Text on security & defenses of target; changes in security & defenses | Alphanumeric; length may vary |

TOP SECRET

39

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|---|--------|-----------|---|--|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| ISTAT | STA: | Status of target; <u>repeating field</u> | | AGEN | Originating agency | 6 alphanumeric characters; left justify; leave unused positions blank |
| | | | | CLAS | Code for defense classification | First 2 characters of mission designator; see MISS item |
| | | | | DATE | Date of frame on which status is based | NNNNNN NN = last 2 digits of year NN = month NN = day e.g., 701213 |
| | | | | FLAG | Character indicates specified occurrence of field cannot be retired from IDF; value supplied by OUD Program | A or blank |

TOP SECRET

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| SECTOR | F I E L D S | | | I T E M S | | |
|--------|-------------|----------------------|--------|-----------|---|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| ISTAT | STA: | | | MISS | Mission designator: ID for satellite or aircraft reconnaissance mission & mission number | Maximum of 9 characters Positions 1-2: code for collection system Positions 3-9: mission & bucket numbers; left justify; leave unused positions blank |
| | | | | PHAS | Phase of exploitation | N; N = 1 or 2 |
| | | | | TEXT | Trinome for status of target; if NAC is specified, 1 line of text not over 53 characters may also be inserted Trinomes: NEG UCO COM UKN NOP OPR UNP OCC ABN RMV TRN DMG DST | AAA = trinome |

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TOP SECRET

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| SECTOR | F I E L D S | | | I T E M S | | |
|------------------------|-------------|---|--------|-----------|--|--|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IHIGH MRN 1 Only | HIGH | Mission highlights; <u>repeating field</u> | | AGEN | Originating agency; usually NPIC | 6 alphanumeric characters; left justify; leave unused positions blank |
| | | | | CLAS | Code for defense class- ification | First 2 characters of mission desig- nator; see MISS item |
| | | | | DATE | Date of highlights | NNNNNN NN = last 2 digits of year NN = month NN = day e.g., 701213 |
| | | | | FLAG | Character indicates specified occurrence of field cannot be retired from IDF; value supplied by OUD Program | A or blank |

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| SECTOR | F I E L D S | | | I T E M S | | |
|------------------------|-------------|----------------------|--------|-----------|--|---|
| | Mnemonic | Description of Entry | Format | Mnemonic | Description of Entry | Format |
| IHIGH MRN 1 Only | HIGH | | | MISS | Mission designator: ID for satellite or aircraft reconnaissance mission & mission number | Maximum of 9 characters Positions 1-2: code for collection system Positions 3-9: mission & bucket numbers; left justify; leave unused positions blank Example: KH9016bbb |
| | | | | PHAS | Phase of exploitation | N; N = 1 or 2 |
| | | | | TEXT | Text of highlights | Alphanumeric; length may vary |

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