



**NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER**

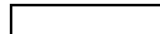
WORKSHEETS FOR THE INTEGRATED INFORMATION SYSTEM

Declass Review by
NIMA/DOD

25X1



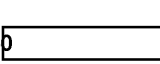
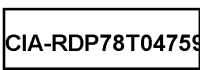
TOP SECRET 25X1



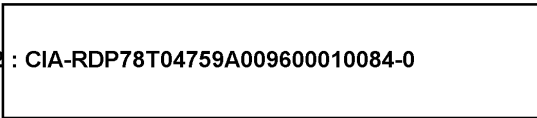
JUNE 1970

COPY

21 PAGES



WORKSHEETS FOR THE INTEGRATED
INFORMATION SYSTEM



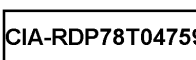
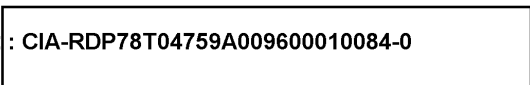


TABLE OF CONTENTS

	Page
COMPLETING THE BASIC WORKSHEET	3
COMPLETING THE NEW TARGET WORKSHEET	6
COMPLETING THE WORKSHEET FOR ORDER OF BATTLE & ASSOCIATED OBJECTS	14
COMPLETING THE MISSION HIGHLIGHTS WORKSHEET	16
COMPLETING THE PHOTO REFERENCES WORKSHEET	16
ABBREVIATIONS FOR MISSION NICKNAMES AND COLLECTION SYSTEMS	19



WORKSHEETS FOR THE INTEGRATED
INFORMATION SYSTEM

The new worksheets discussed in this publication will be used during the first- and second-phase exploitation of aerial photography. For the most part, the kind of information to be recorded on the new sheets is the same as that being recorded on existing forms. There are five new forms:

- * Basic Worksheet
- * New Target Worksheet
- * Worksheet for Order of Battle
& Associated Objects
- * Mission Highlights Worksheet
- * Photo References Worksheet

Photo interpreters will complete the first four; support personnel in the Production Services Group will complete the fifth.

Each worksheet accommodates several types of information on a given target. Each type of information is introduced by three symbols -- a dollar sign, a number or letter, and a second dollar sign. For example:

\$1\$KH1106-1
\$A\$F020-F030

The three symbols will be used by the computer when the information on the worksheet is transmitted to the Working File. The information, i.e., the values or entries following these symbols may consist of several characters, an entire line, or several lines. The number of character positions in each value is delimited by dollar signs. For example:

or, \$31\$
 \$.S.3.1.\$

In both instances the maximum number of characters that can be entered between the dollar signs is three. One or more machine reference numbers (MRNs), which identify a given target record, will appear on all but one worksheet. This number is assigned by the UNIVAC 494 computer system and will never be changed or transferred to another record. On all but one worksheet, some entries are required by the computer system and some are optional. All entries to be recorded on the Mission Highlights Worksheet are required by the computer.

Clerks will transmit all information recorded on worksheets to the Working File. After the information has been verified, edited, and approved by the appropriate NPIC component, it will be stored in the Installations Data File (IDF).

Sample worksheets and instructions for completing each are presented on the following pages. In all the instructions number is abbreviated to N; letter to A; and the word, blank, to lowercase b.

25X1

Approved For Release 2002/08/12 : CIA-RDP78T04759A009600010084-0

Approved For Release 2002/08/12 : CIA-RDP78T04759A009600010084-0

COMPLETING THE
BASIC WORKSHEET

The Basic Worksheet pertains to target records stored in the IDF. This form and most of the information on it will be printed by the UNIVAC 494 computer. At present you will enter only one or two values in the first (\$1\$) line and all values in the second (\$A\$) and last (\$D\$) lines. Because only one copy will be printed for the MRN and mission specified in the first line, we recommend that you use a pencil when completing the Basic Worksheet so that erasures may be made if necessary.

You may also elect to add this information to a Basic Worksheet:

- * a complete or incomplete description of target status, activity, and changes
- * a description of the security and defense facilities observed at a given target
- * any informal notes you wish to retain

If you choose to include some or all of this data, write the information on a blank sheet of paper. Each description and all notes must be introduced by the symbols shown on the sample continuation page for the Basic Worksheet. Insert the appropriate MRN in the upper right corner of the continuation page.

Entry	Character Positions	Format
	\$1\$	
MRN; printed by computer	6	
Phase of exploitation; required by computer; enter value	1	N; N = 1 or 2
Mission designator; printed by computer	8	Positions 1-2: abbreviation for collection system or for mission nickname Positions 3-8: mission & bucket numbers
Start date; date mission started; printed by computer	6	NN = last 2 digits of year NN = month NN = day

Entry	Character Positions	Format
-------	---------------------	--------

\$1\$ (Continued)

<p>NEX; code for "not exploitable" C = target is cloud covered F = target is off frame If value is entered, do not complete rest of worksheet</p>	1	A; A = C or F
	\$A\$	
<p>WP; WWIPR part; required by computer; enter value</p>	1	A; A = A-Z
<p>AR; area designator</p>	1	N; N = 1 through 7
<p>P/F; best pass & frame to be specified in WWIPR; required by computer</p>	8	<p>Satellite photography Positions 1-4: NNNA = pass Positions 5-8: FNNN = camera/frame ANNN = camera/frame XNNN = index number Example: 111DF030 Aircraft photography Positions 1-4: NNNN = frame; right justify; use leading zeros Positions 5-8: camera station; left justify; leave unused positions blank Example: 0009LSV</p>
<p>URG; x-y coordinates of target; required by computer</p>	6	<p>NNN = x coordinate NNN = y coordinate</p>
<p>QU; quality of interpretability: E, G, F, or P; required by computer</p>	1	A; A = E, G, F, or P
<p>CV; extent & angle of coverage P = partial coverage C = complete coverage O = oblique angle V = vertical</p>	2	<p>AA or Ab A = C or P; required by computer A = O or V; optional</p>

25X1

TOP SECRET
CONTINUATION PAGE
FOR BASIC WORKSHEET

WORKING PAPER

MRN _____
PAGE ____ OF ____ PAGES

\$G\$DES: Enter a complete redescription of target status, activity, and/or changes.

25X1

or

\$G\$RMK: Enter incomplete description of target status, activity, and/or changes.

TOP SECRET

\$H\$DFC: Enter a description of the security and defense facilities relating to the target.

25X1

\$J\$ Enter any informal notes you wish to retain.

25X1

25X1

TOP SECRET

25X1

TOP SECRET

MRN

TOP SECRET [redacted]
(When Filled)

WORKING PAPER

NEW TARGET WORKSHEET

DATA ENTRY INTERPRETER VERIFIER VALIDATED

\$3\$	NPIC NO	BE	IDHS	NAME OF TARGET				COUN		
.....		
	N	E	NCAT	COMP	MIL	NTP				
.....		
\$1\$	PH	MISSION DESIGNATOR	START DATE							
.....		
	W	A	PASS/FRAME	URG	Q	C	W	O	M	
	P	R			U	V	E	T	D	
\$A\$	.....	.....	.....	.....	.....	.....	.....	.....	.....
	FRAME DATE	PASS	CAMERA/FRAME OR INDEX	X-Y	STEREO FRAME	Q	C	W	O	M
\$B\$	IMR:	.....	.....	.....	.....	U	V	E	T	D
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	BEST
\$I\$	UTM:	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....
	WAGC:	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....
	IDC:	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....
	MPR:	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....
	ELEV:	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....
	STATUS	TRINOME								
\$D\$	STA:	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....
\$G\$	DES:	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....

IPFM 592 (5-70)

TOP SECRET [redacted]

25X1

TOP SECRET

25X1
25X1

TOP SECRET

25X1

25X1

25X1

The MRN for the new record will be entered by the clerk who transmits the information to the Working File. In line 3 (introduced by \$1\$), the first two characters in the MISSION DESIGNATOR comprise an abbreviation for a collection system or for a mission nickname. A list of these abbreviations appears at the end of this publication.

If you need additional space for the description of a new target (after the symbols \$G\$DES:), simply continue your writeup on a blank piece of paper. If you wish, you may also include these items on the continuation page:

\$H\$DFC: -- description of security
and defense facilities
observed

\$J\$ -- any notes you may wish to
record; although these notes
are only for your personal use
and will not become part of the
approved IDF, other users of this
file can retrieve your notes by
using an appropriate query lan-
guage; you should keep this in
mind whenever you elect to enter
such notes to the file.

Entry	Character Positions	Format
	\$3\$	
NPIC NO; NPIC number; required by computer	12	NNNN-NNNN-AN
BE; installation number only	6	-NNNNN, -ANNNN, ANNNNN, or AANNNN
IDHS category code	5	NNNNN
NAME OF TARGET; required by computer	38	Alphanumeric; left justify; leave unused positions blank
COUN; country code; see <u>Basic Encyclopedia</u> ; required by computer	2	AA
Geocoordinates; AIF or imagery-derived coordi- nates; required by computer	15	

Entry	Character Positions	Format
-------	---------------------	--------

\$3\$ (Continued)

Latitude: if seconds are unknown, enter slashes 7 NNNNNNA or NNNN//A
 Longitude: if seconds are unknown, enter slashes 8 A = N or S; cross out unused symbol
 NNNNNNNA or NNNNN//A
 A = E or W; cross out unused symbol

NCAT; NPIC category code 3 AAN

COMP; IEG component code; designates exploitation responsibility; required by computer 3 NNA or NNN

MIL; number of military district in which target is located; assigned by DIA 3 NNN

NTP category code; assigned by COMIREX; NTP = National Tasking Plan 5 AANNN

\$1\$

PH; phase of exploitation; required by computer 1 N; N = 1 or 2

MISSION DESIGNATOR; required by computer 8 Positions 1-2: abbreviation for collection system or for mission nickname
Positions 3-8: mission & bucket numbers

25X1

START DATE of mission; required by computer 6 NN = last 2 digits of year
NN = month
NN = day
Example: 701111

\$A\$

WP; WWIPR part; required by computer 1 A; A = A-Z

AR; area designator 1 N; N = 1-7

9

Entry	Character Positions	Format
-------	---------------------	--------

\$\$ (Continued)

PASS/FRAME; best to be specified in WWIPR; required by computer	8	Satellite photography Positions 1-4: NNNA = pass Positions 5-8: FNNN = camera/frame ANNN = camera/frame XNNN = index number Example: 111AF030 Aircraft photography Positions 1-4: NNNN = frame; right justify; use leading zeros Positions 5-8: camera station; leave unused positions blank Example: 0009LSV
URG; x-y coordinates of target; required by computer	6	NNN = x coordinate NNN = y coordinate
QU; quality of interpretability; E, G, F, or P; required by computer	1	A = E, G, F, or P
CV; extent & angle of coverage C = complete P = partial O = oblique V = vertical	2	AA or Ab A = C or P; required by computer A = O or V; optional
WE; weather conditions CL = clear SC = scattered clouds HC = heavy clouds HA = haze Required by computer	2	AA; AA = CL, SC, HC, or HA
OT; other conditions affecting photo interpretation SN = snow SH = shadow OL = obliquity SD = semidarkness HD = heavy dust	2	AA; AA = SN, SH, OL, SD, or HD
MD; mode; type of film & extent of stereo coverage; required by computer	1	A; A = S, W, A, P, C, B, D, F, R, or N

Entry	Character Positions	Format
-------	---------------------	--------

\$\$
IMR: Lines

FRAME DATE; date of first frame specified in IMR: line; required by computer

6

NN = last 2 digits of year
NN = month
NN = day
Example: 701112

PASS; required by computer

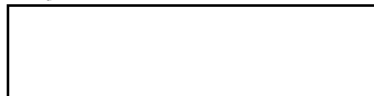
4

NNNA = ascending
NNNM = mixed
NNND = descending
NNNE = engineering

CAMERA/FRAME OR INDEX from which x-y reading was taken; required by computer

14

Alphanumeric; left justify; separate each value with a comma



25X1

X-Y coordinates

9

NN.N-NN.N

STEREO FRAME

14

Alphanumeric; stereo counterpart; format is identical to CAMERA/FRAME OR INDEX
Example: \$A015,A019,A030\$

QU; quality of interpretability: E, G, F, or P

1

A; A = E, G, F, or P

CV; extent & angle of coverage
C = complete
P = partial
O = oblique
V = vertical

2

AA or Ab
A = C or P
A = O or V

WE; weather conditions
CL = clear
SC = scattered clouds
HC = heavy clouds
HA = haze

2

AA; AA = CL, SC, HC, or HA

OT; other conditions affecting photo interpretation
SN = snow
SH = shadow
OL = obliquity
SD = semidarkness
HD = heavy dust

2

AA; AA = SN, SH, OL, SD, or HD

Entry	Character Positions	Format
-------	---------------------	--------

\$B\$
IMR: Lines (Continued)

MD; mode: type of film & extent of stereo coverage 1 A; A = S, W, A, P, C, B, D, F, R, or N

BEST; indicator for evaluation of frame(s) cited in IMR: entries; limited to best or not best 1 * = best
Blank = not best

\$I\$

UTM;; UTM Grid coordinates of target 15 NNAAAANNNNNNNNNN

WAGC; World Area Grid code 10 NNNNNNNNAN

IDC;; imagery-derived geocoordinates; required by computer 15 NNNNNNANNNNNNNNA

MPR;; map references for target; required by computer 30 Alphanumeric

ELEV; elevation of target in relation to mean sea level; value is plus or minus; required by computer 5 NNNNN or -NNNN; right justify; use leading zeros

\$D\$

STA;; trinome for status of target; required by computer 3 Positions 1-3: status trinome
NEG COM NOP
UNP ABN TRN
DST UCO UKN
OPR OCC RMV
DMG

\$G\$

DES;; description of target; use continuation page if necessary; required by computer 2,500 Alphanumeric

TOP SECRET []
(When Filled)

WORKING PAPER

WORKSHEET FOR
ORDER OF BATTLE & ASSOCIATED OBJECTS

MRN _____
PAGE ____ OF ____ PAGES

TYPE	FRAME DATE	COUNT	VALIDITY	NAME OF OBJECT (24)
\$. . . . :\$.	\$.	\$.	\$.
TEXT (OPTIONAL)				

TOP SECRET

TOP SECRET

IPFM 591 (5-70)

TOP SECRET []

COMPLETING THE WORKSHEET FOR ORDER
OF BATTLE & ASSOCIATED OBJECTS

Submit this worksheet with a Basic or New Target Worksheet.

Entry	Character Positions	Format
	\$\$E\$	
TYPE of object(s); required by computer MIS AOB NVL GFW ELC AAA OBJ	3	AAA
FRAME DATE; date of frame on which OB or other objects are visible; required by computer	6	NN = last 2 digits of year NN = month NN = day Example: 701112
COUNT; number of objects ob- served; required by computer	4	NNNN; right justify; use lead- ing zeros
VALIDITY; confidence factor in identification of object(s)	4	AAAA; AAAA = CONF, PROB, POSS
NAME OF OBJECT; required by computer	24	Alphanumeric
TEXT on OB & associated ob- jects; optional	2,500	Alphanumeric

TOP SECRET
(When Filled In)

WORKING PAPER

MISSION HIGHLIGHTS
WORKSHEET

PAGE ___ OF ___ PAGES

(Repeat \$4\$ entry for each new paragraph)

MRN	PH	MISSION DESIGNATOR	DATE OF TEXT
\$1\$000001\$.	.\$.	.\$.	.\$.

TEXT OF HIGHLIGHTS

\$4\$

TOP SECRET

TOP SECRET

COMPLETING THE MISSION
HIGHLIGHTS WORKSHEET

In the MISSION DESIGNATOR the first two characters will be an abbreviation for a collection system or for a mission nickname. A list of these abbreviations appears at the end of this publication.

Entry	Character Positions	Format
	\$1\$	
MRN; required by computer	6	Always 000001
PH; phase of exploitation; required by computer	1	N; N = 1 or 2
MISSION DESIGNATOR; required by computer	8	Positions 1-2: abbreviation for collection system or for mission nickname Positions 3-8: mission & bucket numbers Example: KH1106-1
DATE OF TEXT; required by computer	6	NN = last 2 digits of year NN = month NN = day Example: 701112
	\$4\$	
TEXT OF HIGHLIGHTS; required by computer; begin each paragraph with \$4\$	2,500	Alphanumeric

COMPLETING THE PHOTO
REFERENCES WORKSHEET

The Photo References Worksheet and most of the information on it will be printed by the UNIVAC 494 computer system. For each target listed on this sheet the computer will print select header data (first line) and the predicted photo references for the mission and phase cited in line \$2\$ at the top of the worksheet. You will enter the actual photo references (IMR: entries) after the symbols \$L\$. For example, to record the value for a pass write the value between the appropriate dollar signs:

\$031A\$

25X1

Approved For Release 2002/08/12 : CIA-RDP78T04759A009600010084-0

Approved For Release 2002/08/12 : CIA-RDP78T04759A009600010084-0

Because only one copy of this worksheet will be printed for the mission and phase specified at the top of the page, we recommend that you use a pencil when completing this form.

Entry	Character Positions	Format
-------	---------------------	--------

\$L\$
IMR: Entries

MRN; printed by computer

6

DATE of frame from which x-y reading was taken; required by computer

6

NN = last 2 digits of year
NN = month
NN = day
Example: 701212

PASS; required by computer

4

NNNA = ascending
NNNM = mixed
NNND = descending
NNNE = engineering

FRAME from which x-y reading was taken; required by computer

14

Camera & frame; left justify; separate each value with a comma

[Redacted Box]

Example: \$F014-018,F020\$

25X1

X-Y coordinates

9

NN.N-NN.N

STEREO FRAME

14

Camera & frame; identical to FRAME format
Example: \$A015,A019,A030\$

QU; quality of interpretability: E, G, F, or P

1

A; A = E, G, F, or P

CV; extent & angle of coverage
C = complete
P = partial
O = oblique
V = vertical

2

AA or Ab
A = C or P
A = O or V

WE; weather conditions
CL = clear
SC = scattered clouds
HC = heavy clouds
HA = haze

2

AA; AA = CL, SC, HC, or HA



Entry	Character Positions	Format
-------	---------------------	--------

\$L\$

IMR: Entries (Continued)

OT; other conditions affecting photo interpretation 2 AA; AA = SN, SH, OL, SD, or HD
 SN = snow
 SH = shadow
 OL = obliquity
 SD = semidarkness
 HD = heavy dust

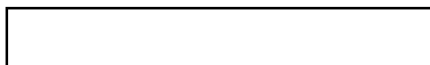
MD; mode: type of film & extent of stereo coverage 1 A; A = S, W, A, P, C, B, D, F, R, or N

INDC; exploitation indicator 4 AAAA; AAAA = NAC, NOOB, or IDO; left justify; leave unused positions blank

BEST; indicator for evaluation of frame(s) cited in IMR: entries; limited to best or not best 1 * = best
 Blank = not best

ABBREVIATIONS FOR MISSION NICKNAMES AND COLLECTION SYSTEMS

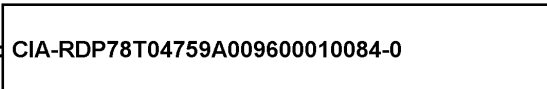
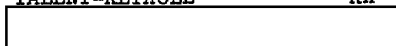
<u>Collection System or Mission Nickname</u>	<u>Abbreviation</u>
--	---------------------



BUMPY ACTION (China)	BO
BUMPY ACTION (N. Vietnam)	BO
CHURCH DOOR	C-



GIANT NAIL	GA
GIANT SCALE	GS
OLD HEAD	OH
TALENT-KEYHOLE	KH



~~TOP SECRET~~

~~TOP SECRET~~