

HEADQUARTERS
MILITARY ASSISTANCE COMMAND, VIETNAM

HAMLET EVALUATION SYSTEM
(HES)
PROGRAM R7119P, HES GAZETTEER FILE

July 1972

MACV Document No.
DAR R70
MM-12
Program Maintenance Manual

Prepared for
Office of the Associate Director for Research and Analysis
Office of the Director
Civil Operations and Rural Development Support

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E.O. 12958, Sec. 3-4.3.

NND 023093
By 707 Date 8-7-06

ACKNOWLEDGEMENT

The Hamlet Evaluation System (HES) Program Maintenance Manual for Program R7119P, HES Gazetteer File, has been prepared by MACCORDS Research and Analysis in conjunction with Computer Sciences Corporation. The manual was prepared under NAVCOSSACT Contract Number N00600-71-D-1090.

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HAMLET EVALUATION SYSTEM (HES)

PROGRAM MAINTENANCE MANUAL

PROGRAM R7119P

1 GENERAL DESCRIPTION

1.1 Purpose. This manual has been prepared to assist the programmer in maintaining Program R7119P, HES Gazetteer File Generator, one of several programs of the Hamlet Evaluation System (HES). A glossary of system abbreviations, mnemonics, and terms with special meaning used within this manual is contained in appendix A.

1.2 System Application. Program R7119P generates the HES Gazetteer file from the HES basic master file (R710702). The Gazetteer file is used as input to the Gazetteer report program (R7120P). In addition, the Gazetteer file is used by several other CORDS systems.

1.3 Equipment Environment. This program requires approximately 17,000 bytes of main storage. Required peripheral equipment is a card reader, a magnetic tape unit, and a direct access device (2314 disk).

1.4 Program Environment. Program R7119P is written in COBOL F utilizing the operating system 360-50 COBOL F compiler.

2 SYSTEM DESCRIPTION

2.1 General Description. Program R7119P is described in the following paragraph. Supporting material is contained in appendixes B through F. Because of length, appendix D, Source Program Listings, is provided under separate cover. A description of the HES basic master file and synopsis is contained in HES Basic Master File Description, MACV Document DAR R70, MP-01, January 1972.

2.2 Detailed Description. Program R7119P uses data from the HES master file (R710702) to build the Gazetteer file. The province, district, village, and hamlet records are used from the master file in that order. Hamlet and village records are formatted and written for each active hamlet and village in the master file. This formatting is done by province and by district in the sequence of the master file. The Gazetteer file is produced for a particular month as indicated by the input date card. Only HES master file records for that month are extracted for the Gazetteer file.

3 INPUT/OUTPUT DESCRIPTIONS

3.1 General Description. Appendix B illustrates the data flow for program R7119P. Appendix E illustrates the output record format. The input record formats are illustrated in HES Basic Master File under separate cover. The catalogued procedure that executes program R7119P is R7973C (see HES Operations Manual). Job control language (JCL) and data definition (DD) statements are discussed in paragraph 3.3.1.

3.1.1 Input. Input to program R7119P is the HES basic file (R710702). This file contains the QTAB, province, district, hamlet, and village data records necessary for program R7119P. A program control card provides the additional required data. The format of the control card is as follows:

<u>CARD COL.</u>	<u>VALID PARAMETERS</u>	<u>DESCRIPTION</u>
1-4	Numeric YYMM	Selected date, year, month
5-75	Blank	
76-80	R7119	Control card ID

3.1.2 Output. Output from program R7119P is a disk data set in the format of the Gazetteer file.

3.2 Characteristics, Organization, and Detailed Description of System Data.

- (a) Identification: The input file data set name is R710702. The output data set name is R722201 with a logical record length of 150 bytes, blocking factor 20.
- (b) Function: The Gazetteer file is used to produce the Gazetteer Report (program R7120P) for the HES.
- (c) Content: See appendix F for the record field contents.
- (d) Storage: Approximately 400 tracks are allocated to the Gazetteer file.

3.2.1 Organization. Data fields are described in appendix E and in the HES Basic Master File.

3.3 Tables. Table 3-1 contains the messages displayed by program R7119P.

Table 3-1

PROGRAM MESSAGES

MESSAGE

ALL FILES OPENED

Indicates that all necessary files were successfully opened. This message is also displayed on the console for the operator.

GAZ DATE RECORD WRITTEN

The control card date was valid and this date has been used to format the date record (record 1) which has just been written on the Gazetteer file.

INVALID DATA ON CONTROL CARD - ABORT

Bad date on control card.

INVALID CONTROL CARD COL 76-80 - ABORT

Columns 76-80 do not contain R7119.

CONTROL CARD = Control Card Data

Display of control card contents.

HES/70 MASTER CONTAINS x RECORDS

x is a record count of the total HES master file records processed.

GAZE FILE CONTAINS W VILLAGE RECORDS

Give totals by hamlet and village records in the Gazetteer file produced successful end.

GAZ FILE CONTAINS Y HAMLET RECORDS

Give totals by hamlet and village records in the Gazetteer file produced successful end.

GAZ FILE CONTAINS Z TOTAL RECORDS

Give totals by hamlet and village records in the Gazetteer file produced successful end.

* * * END OF JOB - R7119 * * *

3.3.1 Job Control Language. Data definition (DD) statements containing the following information are required for execution:

<u>FILE</u>	<u>DD NAME</u>	<u>DSNAME</u>
HES Basic Master	HESBASIC	R710702
Gazetteer	GAZFILE	R722201
Control Card (Reader)	SYSIN	Input Stream

4. PROGRAM ASSEMBLING, LOADING, AND MAINTENANCE PROCEDURES.

4.1 Input/Output Requirements. Maintenance listings are provided under separate cover. Source decks are retained on a HES source magnetic tape (R7107HES).

4.2 Procedures. Execution of procedure R7973C invokes program R7119P which can be run anytime in the HES cycle after the creation of the HES Basic Master file (R710702) for the desired month.

4.3 Verification. Cross-checking with other reports obtained from the HES basic master file.

4.4 Listings. Listings appear under separate cover.

Appendix A

SYSTEM ABBREVIATIONS, MNEMONICS, AND TERMS

Appendix A

SYSTEM ABBREVIATIONS, MENMONICS, AND TERMS

HES	Hamlet Evaluation System
MACCORDS	Military Assistance Command Civil Operations and Rural Development Support
MACV	Military Assistance Command, Vietnam
QTAB	Question Table. The first set of records in the HES master file which describes the content and order of all questions and models in the system.
USID	United States Identification Number. A unique nine-digit number to afford positive identification of each hamlet, village, district, province, and military region in the Republic of Vietnam
UTM	Universal Transverse Mercator. A standard grid system used to identify geographical points or areas.

Appendix B

SYSTEM LOGIC CHART

B - 1

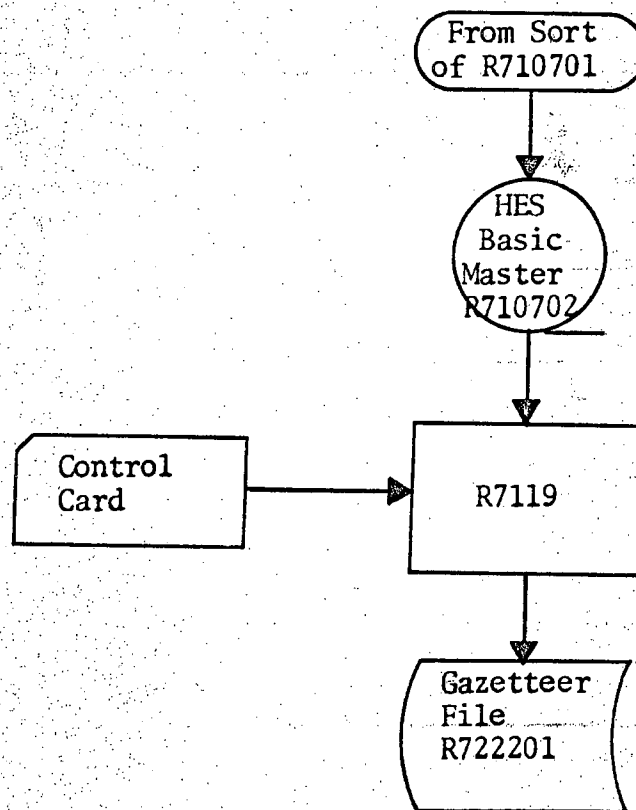


Figure B-1
SYSTEM LOGIC CHART

Appendix C

PROGRAM LOGIC CHART

C - 1

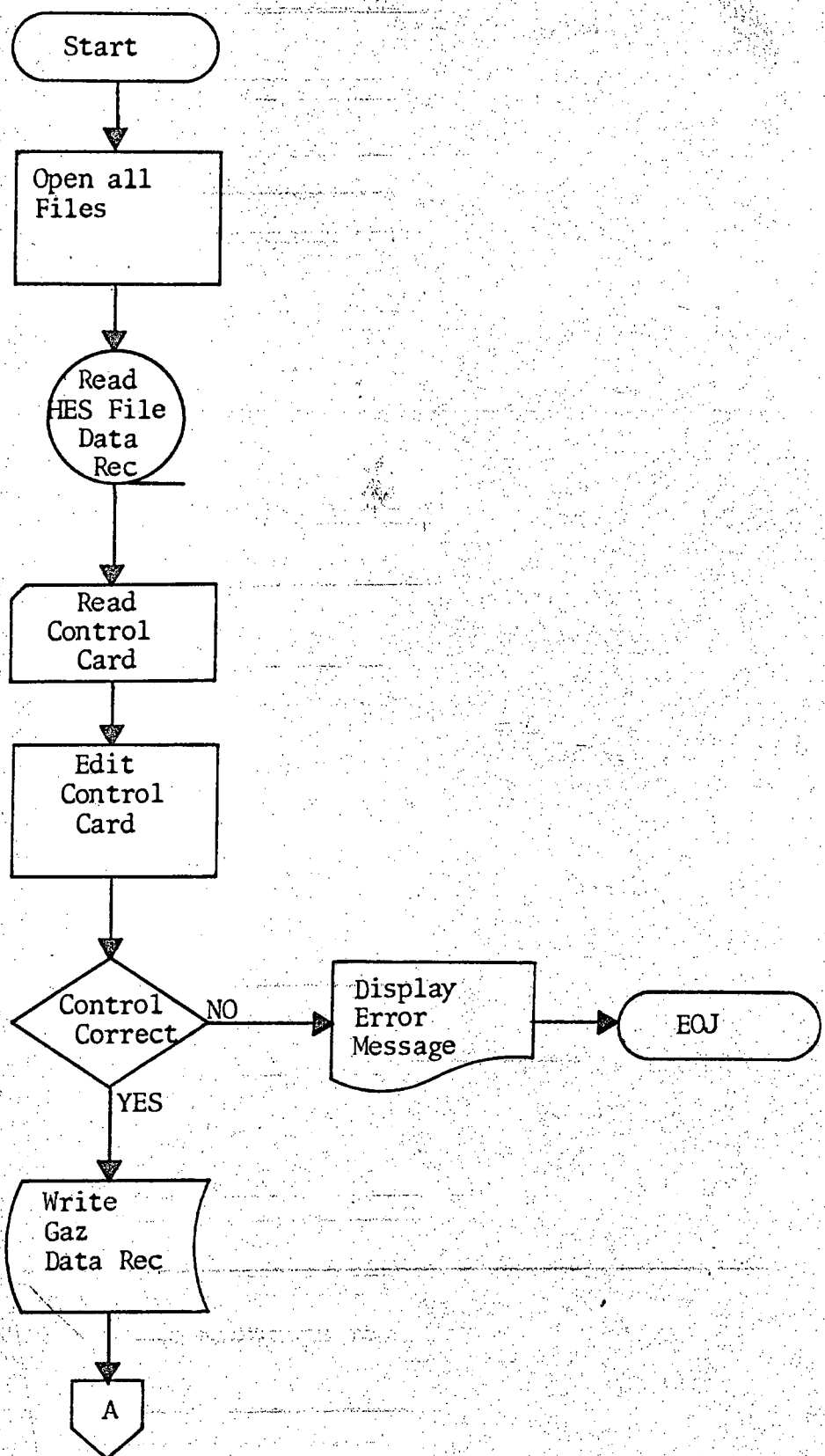


Figure C-1

PROGRAM LOGIC CHART (Sheet 1 of 2)

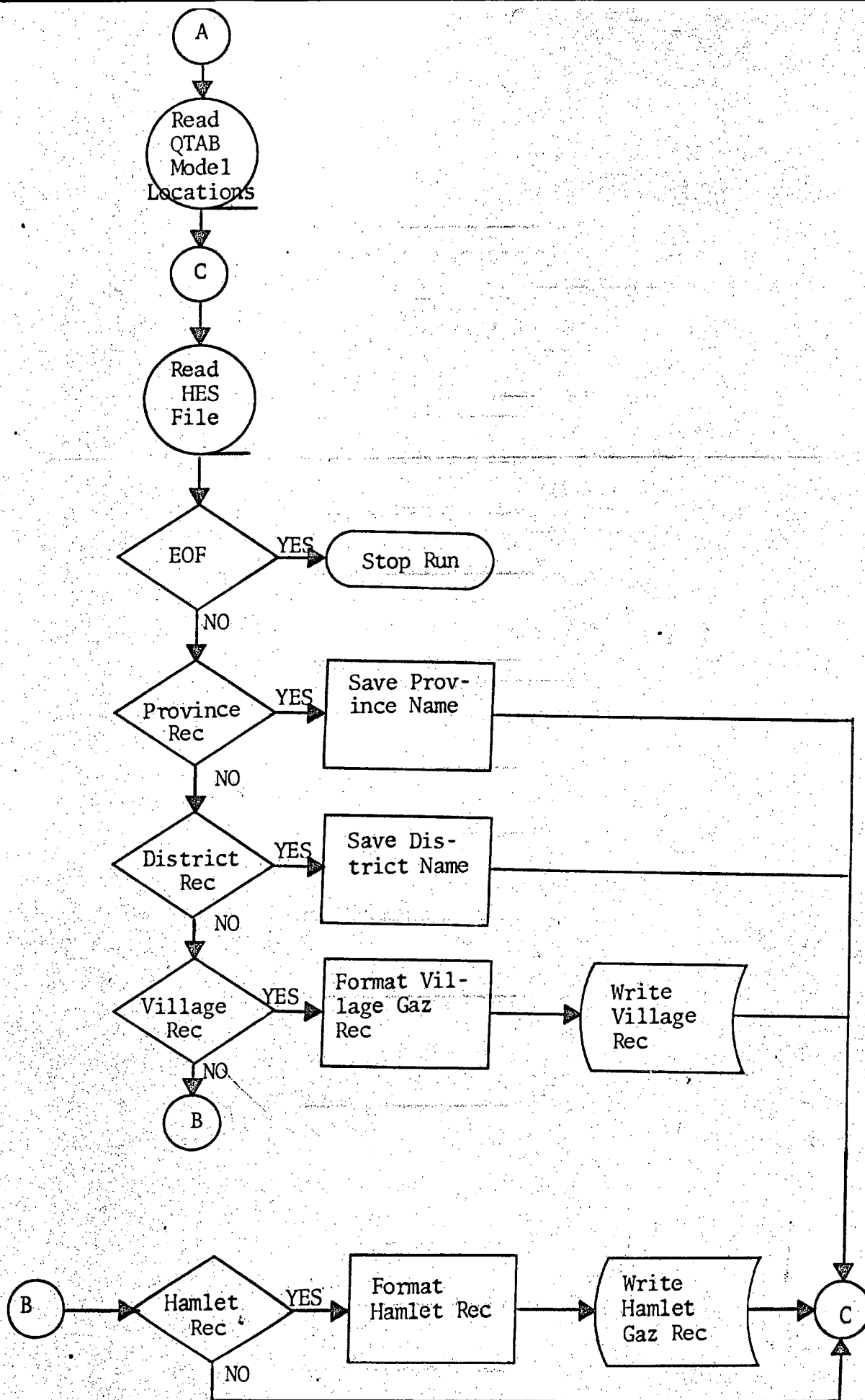


Figure C-1
PROGRAM LOGIC CHART (Sheet 2 of 2)

Appendix D

LISTINGS *

* Provided under separate cover

Appendix E

INPUT RECORD LAYOUT

[illegible]

Appendix F

OUTPUT RECORD LAYOUT

RECORD LAYOUT FORM										GAZETTEER FILE										SHEET 1 OF 3 SHEETS																					
SYSTEM NAME: HES										EFFECTIVE DATE: 1 APRIL 1971																															
Record Name	Base	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	20	1	2	3	4	5	6	7	8	9	30	1	2	3	4	5	6	7	8	9	40
Date Record	0	Zero Filler																																							
	40																																								
	80											File Date																													
												Y Y M M																													
	120																																								

RECORD LAYOUT FORM		GAZETTEER FILE																				SHEET 2 OF 3 SHEETS																			
SYSTEM NAME:		HES																				EFFECTIVE DATE: 1 APRIL 1971																			
Record Name	Base	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	20	1	2	3	4	5	6	7	8	9	30	1	2	3	4	5	6	7	8	9	40
Village Record	0	Village USID										Province Name										District Name																			
	40	District Name										Village Name																													
	80											Model Rating *					Total Pop															Perm Pop					Temp Pop				
																						A	B	C	D	E															
	120	Admin ID																																							
		* A = PAM01 D = MAM02 B = PAM02 E = MAM03 C = MAM01																																							

RECORD LAYOUT FORM										GAZETTEER FILE										SHEET 3 OF 3 SHEETS																					
SYSTEM NAME: HES										EFFECTIVE DATE: 1 APRIL 1971																															
Record Name	Base	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	20	1	2	3	4	5	6	7	8	9	30	1	2	3	4	5	6	7	8	9	40
Hamlet Record	0	Hamlet USID										Province Name										District Name																			
	40	District Name										Village Name										Hamlet Name																			
	80	Hamlet Name										Model Rating*					Total Pop					Perm Pop					Temp Pop														
												A B C D E																													
	120	Admin ID										UTM										F G H																			
		* A = PAM01 E = MAM03 B = PAM02 F = Urban/Rural C = MAM01 G = SUM02 D = MAM02 H = SUM09																																							