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REFERENCE COPY OF TECHNICAL DOCUMENTATION FOR ACCESSIONED ELECTRONIC RECORDS
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Hamlet Evaluation System Files (HAMLA) 1967-1969
and
Hamlet Evaluation System 1971 (HES71), 1971-1974

RG 330 Records of the Office of the Secretary of Defense

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Supplementary User Note
Relationship between HES Gazetteer Files with other Hamlet Evaluation System Files

Hamlet Evaluation System Files (HAMLA), 1967-1969 and
Hamlet Evaluation System 1971 (HES71), 1971-1974
NN3-330-75-141
Records of the Office of the Secretary of Defense (Record Group 330)

When staff initially processed several of the Hamlet Evaluation System files, such as the Hamlet Evaluation System 1970 (HES70), Hamlet Evaluation System 1971 (HES71), and Vietnam Special Studies Group (VSSG), they noted the records contain the coded fields Corps (or Corps Region), Province, District, Village, and/or Hamlet, but in most cases only meanings for the Corps Region and Province codes were available. The records in the HES files also include UTM coordinates. Several years after receiving the HES files, the National Archives received three HES gazetteer files, Hamlet Evaluation System/Viet Cong Infrastructure (HES/VCI) Gazetteer, HES Gazetteer, and HES Gazetteer Source files, as part of the National Police Infrastructure Analysis Subsystem (NPIASS) I & II series (Record Group 472). The records in the gazetteer files include Corps Region, Province, District, Village, and/or Hamlet coded fields (which also makes up the United States Identification Number (USID number)); corresponding Province, District, Village, and/or Hamlet name fields; population numbers; ratings; and UTM coordinates.

According to the *Hamlet Evaluation System (HES) Command Manual*:

> The HES Gazetteer was designed to provide an unclassified directory of hamlets and villages in RVN. The Gazetteer provides basic descriptive data for all hamlets and villages in the country that are included in HES. Data elements included are hamlet or village name, UTM coordinates, USID number, population by type, and the Administrative ID number. . ..
>
> The HES Gazetteer is widely used . . . as a source of information on individual hamlet locations and population. HES is the primary source of geographic data on RVN and, as such, provides much of the basic data for other MACCORDS automated systems and other monitoring systems. The Gazetteer provides the primary identification numbers for all geopolitical levels as well as geographic coordinates. [1]

These statements indicate that the HES gazetteer files can be used in conjunction with the other HES files, along with other MACCORDS systems, and suggest that the HES gazetteer files are a possible source for the meanings for the District, Village, and Hamlet codes (USID number). In this regard, staff did a very cursory comparison of the UTM coordinates fields and the Corps Region, Province, District, Village, and/or Hamlet coded fields in about 20 records from the various HES files and the corresponding coded, name, and UTM coordinates fields in the HES gazetteer files. The staff's findings are as follows:

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[1] Civil Operations and Rural Development Support, Research and Analysis Directorate, *Hamlet Evaluation System (HES) Command Manual*, Document No. DAR R70-79 CM-01B, Military Assistance Command Vietnam, 1 September 1971, pages 25 and 29, respectively. The *HES Command Manual* is available as supplementary documentation.

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- In most cases the Province, District, Village, and/or Hamlet codes (USID number) and corresponding names, and UTM coordinates listed in the three gazetteer files are consistent with each other. In a few cases, there are codes, names, and UTM coordinates listed in only one or two of the gazetteer files. So while in general the codes, names, and UTM coordinates listed in the records may be consistent in all three files, the files do not contain all of the same records, which is confirmed by the differing record counts for each gazetteer file.

- The HES/VCI Gazetteer and HES Gazetteer Source files list the corresponding GVN Province, District, and Hamlet names, and VC Province, District, and Village names for the USID number. Although, in some cases, no VC names are listed.

- The Corps Region and Province codes and names included in the technical documentation for some of the HES files match the Corps Region and Province codes and names listed in the HES gazetteer files.

- In general, the Corps Region, Province, District, Village, and/or Hamlet codes and UTM coordinates listed in the gazetteer files match the codes and UTM coordinates listed in the HES70, HES71, and VSSG files.

- The Hamlet Evaluation System Files (HAMLA) 1967-1969 also contain the coded fields Country (or Corps Region), Province, District, Village, and/or Hamlet (USID number), but also fields with the corresponding Village and Hamlet names. In general, the codes and names listed in the HAMLA records match the codes and names listed in the gazetteer files. However, the UTM coordinates do not match.

Therefore, researchers working with the HES files who are interested in obtaining the meanings (names) for the Province, District, Village, and/or Hamlet codes (USID number) may wish to consult the HES gazetteer files as possible sources for the code meanings. Other Department of Defense Vietnam War-related data files in NARA's custody, such as the People's Self-Defense Force Management Information System (PSDF/MIS), may also contain USID numbers, corresponding names, UTM coordinates, and/or information extracted from HES.

Lastly, there are some questions regarding the UTM coordinates listed in some of the HES files. In the early 1990s, two researchers reported that the UTM coordinates in the HAMLA files were insufficient for their purposes because the records did not identify the particular map sheet on which each hamlet or village appeared. The researchers indicated that three different UTM map sheets covered the Republic of Vietnam and there is a 5° overlap in the UTM map sheets. They also mentioned that in the course of their research, they discovered that at some point the UTM coordinates in the HES Gazetteer had been transformed to latitude-longitude coordinates. The available record layouts for the HES gazetteer files do not include fields for latitude-longitude coordinates nor do the sample dumps for the HES gazetteer files show latitude-longitude coordinates data. The HES gazetteer files in NARA's custody appear to only contain UTM coordinates.

Lynn Goodsell, Archives Specialist
Electronic and Special Media Records Services Division (NWME)
July 27, 2007

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From: Herbo

Table 2 - Province Code List

	PROV CODE	PROVINCE NAME
I Corps	01	Quang Tri
	02	Thua Thien
	03	Quang Nam
	04	Quang Tin
	05	Quang Ngai
	91	Hue
	92	Da Nang
II Corps	06	Kontum
	07	Binh Dinh
	08	Pleiku
	09	Phy Bon
	10	Phy Yen
	11	Darlac
	12	Khnah Hoa
	13	Ninh Thuan
	14	Tuyen Duc
	15	Quang Duc
	16	Lam Dong
	17	Binh Thuan
	93	Cam Ranh
	94	Dalat
III Corps	18	Binh Tuy
	19	Long Khanh
	21	Phuoc Long
	22	Binh Long
	23	Binh Duong
	24	Tay Ninh
	25	Hau Hghia
	26	Bien Hoa
	27	Phuoc Tuy
	28	Long An
	29	Gia Dinh
	95	Vung Tau
	96	Saigon
IV Corps	30	Go Cong
	31	Kien Tuong
	32	Kien Phong
	33	Dinh Tuong
	34	Kien Hoa
	35	Vinh Binh
	36	Vinh Long
	37	An Giang

From the agency documentation for the Herbicide Data Files (HERBO-2), NN3-330-75-146

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PROV CODE	PROVINCE NAME
38	Kien Giang
39	Chuong Thien
40	Phong Dinh
41	Ba Xuyen
42	An Xuyen
43	Bac Lieu
44	Chau Doc
46	Sa Dec

From the agency documentation for the Herbicide Data Files (HERBO-2), NN3-330-75-146

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NATIONAL ARCHIVES

Supplemental User Note 2
Available Supplemental Documentation

Hamlet Evaluation System Files (HAMLA), 1967-1969,
Hamlet Evaluation System 1970 (HES70), 1969-1970, and
Hamlet Evaluation System 1971 (HES71), 1971-1974
NN3-330-75-141
Records of the Office of the Security of Defense (Record Group 330)

The agency transferred various manuals and other supplemental documentation related to the Hamlet Evaluation System Files (HAMLA), Hamlet Evaluation System 1970 (HES70), and Hamlet Evaluation System 1971 (HES71). Staff have already included in the basic documentation the sections of the manuals needed for interpreting the data, such as layouts and code lists. However, users may obtain copies of the entire manual(s). Much of documentation considered supplemental contains instructions on how to enter data, run reports, and maintain the system in general when it was in use. There is also documentation specific to using the National Information Processing System (or NMCS Information Processing System) (NIPS). Other series of Vietnam War data may contain information related to the various HES files. The supplemental documentation listed below is available upon request.

Selected sections from the following are included in the respective basic documentation:
International Business Machines Corporation, prepared for the National Military Command System Support Center (NMCSSC), *Consolidated Southeast Asia File Descriptions: Book III: ADHES70, HAMLA, HES70, HES71, QHES70, VSSG*, 30 September 1973. (419 pages)

Includes: Chapter 1 – File Description
Chapter 2 – File Format Tables
Chapter 3 – File Details
Chapter 4 – File Maintenance
Chapter 5 – Output and Retrieval
Glossary
Appendices

MACCORDS/RAD, *User's Guide to the Hamlet Evaluation System 1970 (HES/70)*, February 1970. (180 pages)

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Filed with the Hamlet Evaluation System (HES) (NN3-330-75-141) documentation:
CORDS, Reports and Analysis Directorate, Headquarters, Military Assistance Command, Vietnam, *Summary Report: HES70*, 31 January 1971

Civil Operations and Rural Development Support, Research and Analysis Directorate, *Hamlet Evaluation System (HES): Basic Master File Description*, MACV Document No. DAR R70 MP-01, Military Assistance Command, Vietnam, January 1972.

CORDS, Reports and Analysis Directorate, Headquarters, Military Assistance Command, Vietnam, *Hamlet Evaluation System Advisors Handbook*, June 1971.

District Evaluation System (DES) Operations Manual

District Evaluation System Program Maintenance Manual

Filed with the Hamlet Evaluation System (HES) (NN3-349-81-001) (RG 472) documentation:
Civil Operations and Rural Development Support, Research and Analysis Directorate, *Hamlet Evaluation System (HES) Command Manual*, Document No. DAR R70-79 CM-01B, Military Assistance Command, Vietnam, 1 September 1971. (108 pages)

Civil Operations and Rural Development Support, Research and Analysis Directorate, *Hamlet Evaluation System (HES) Operations Manual*, Document No. DAR R70 OM-01A, Military Assistance Command, Vietnam, June 1972. (150-200 pages)

Civil Operations and Rural Development Support, Reports and Analysis Directorate, *Hamlet Evaluation System Advisors Handbook*, Military Assistance Command, Vietnam, June 1971.

National Military Command System Support Center, *Pacification Program Evaluation System (PACPROG): User's Manual*, Computer System Manual Number CSM UM 51-68, 30 September 1969.

Various program and edit manuals for HES

Filed with the Combat Air Summary Files (OPREA) (NN3-218-76-025) documentation:
Defense Communications Agency, Command and Control Technical Center, *NMCS Information Processing System 306 Formatted File System (NIPS 360 FFS) General Description*, Computer System Manual Number CSM GS 15-17, 1 September 1978. (41 pages)

Defense Communications Agency, Command and Control Technical Center, *NMCS Information Processing System 306 Formatted File System (NIPS 360 FFS) Volume I Introduction to File Concepts*, Computer System Manual Number CSM UM 15-78, 1 September 1978. (155 pages)

Lynn Goodsell, Archivist
Electronic and Special Media Records Services Division (NWME)
February 14, 2011

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De-NIPS-ing of Vietnam War data files

The National Military Command System (NMCS) Information Processing System 360 Formatted File System, commonly referred to as NIPS or NIPS 360 FFS, was developed in the 1960s under contract with the International Business Machines Corporation (IBM). It was an advanced data management system which was operational on IBM System/360 and System/370 computers. It provided powerful, efficient, and flexible data management support to a wide variety of users with the ability to structure files, generate and maintain files, revise and update files and data, select and retrieve data, and generate formal reports in simple or complex arrays on a variety of output devices. A more detailed description of the concepts, organization, and features of the NIPS software can be found in *NMCS Information Processing System 360 Formatted File System (NIPS 360 FFS) General Description*, Command and Control Technical Center Computer System Manual CSM GD 15-78, 1 September 1978, and additional volumes in this series published by the Defense Communications Agency, which are available from the National Archives and Records Administration (NARA) as supplementary documentation to the data files.

During 1975 and 1976 the Machine-Readable Archives Division (NNR) of the National Archives and Records Service (NARS) accessioned copies of a wide variety of Vietnam War operational data files from the Office of the Secretary of Defense (OSD) and the Office of the Joint Chiefs of Staff (JCS). All of these files were received in the NIPS format. Because the NIPS software was not widely available and IBM's support for it was declining, NNR decided that it should maintain these files in a software-independent format. In fact this decision became a part of the policy of NNR toward software-dependent data and led to revisions in the regulations on the transfer of machine-readable data files to NARA (see 36 *CFR* 1228.188).

In NIPS each file is organized into variable-length records, blocked and spanned. Although the bulk of the file is data, the beginning of the file consists of supporting information used during file maintenance, data retrieval, and output processing, such as the security classification record, data file control records, element format (field definition) records, and file maintenance logic statement records. The sixth character of each logical record (following the four-character logical record length indicator and a system character) in the data file is used as a code indicating the type of information in that record (B = classification record, C = data file control record, F = element format record, L = file maintenance logic statement record, and R = data records). For more information refer to *NMCS Information Processing System 360 Formatted File System (NIPS 360 FFS), Users Manual, Volume 1, Introduction to File Concepts* (CSM UM 15-78, Volume 1, 1 September 1978), and additional volumes.

As a result, all of these Vietnam War-related NIPS data files were de-NIPS-ed by the staff of the Machine-Readable Archives Division using the NIPS software. This procedure involved using the paper documentation accompanying each file provided by DoD and the File Format Table (FFT) at the beginning of each machine-readable data file to write an output record layout for the data using the NIPS Output Processor (OP).

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This de-NIPS-ing process resulted in a new format for the files. All of the NIPS file content information at the beginning of the file was stripped leaving only the actual data records. Likewise the system-generated fields located at the beginning of each record, i.e., the Record Size Field, Deletion Code Field, Record Type Field ("R"), Set ID Field, Subset Control Field, Length of Binary Data Block, Logical Record Padding, Size of Variable Field in Fixed Set, and Sequence Number Used by RPG, were also deleted from the records. Only the data fields included in the paper documentation accompanying the file were output. In addition, these records were reformatted into a fixed-length format.

The first fixed-length record of each NIPS record contains the control set, the fixed set, and the first occurrence of each periodic set. If there are two occurrences of any periodic set, then an additional record is written repeating the control set and containing the second occurrence of any periodic set with the control set and other periodic set fields left blank. This procedure is continued until as many fixed-length records are written for each NIPS record as the maximum number of occurrences of any periodic set. The fields in all non-repeating sets are left blank.

The records are linked by a control set which contains one or more fields in the data file which as a set are unique for each record. It is contained near the beginning of each record among the system-generated fields and is the identifier by which all types of records and all sets of records in the file are sorted and linked.

Another result of the de-NIPS-ing process is the conversion of numeric fields in NIPS to zoned decimal data format in the de-NIPS version. Zoned decimal is a format in which the sign (+ or -) is recorded only in the rightmost position. The general format of a zoned decimal number is one digit per byte. Each byte other than the last (rightmost) contains a hexadecimal "F" in the four leftmost bits (zone nibble) and each byte contains a single digit in the rightmost four bits (number nibble). The last (rightmost) byte contains a hexadecimal "C" or "F" in the leftmost four bits for positive numbers and a hexadecimal "D" or "E" for negative numbers. Leading blanks and coded decimal points are allowed.

Any field which may have been converted to zoned decimal format is not identified as such in the documentation. However, it can be identified easily. Any field which is defined as a numeric field but contains an alphabetic character, a blank, or other non-numeric character in the rightmost digit is most likely in zoned decimal format. The chart below show the correct zoned decimal representation, the character representation when not defined as a zoned decimal field, and the hexadecimal representation.

	Positive										Negative									
Zoned Decimal	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
Character		A	B	C	D	E	F	G	H	I		J	K	L	M	N	O	P	Q	R
Hexadecimal:																				
Zone nibble	C	C	C	C	C	C	C	C	C	C	DE	DE	DE	DE	DE	DE	DE	DE	DE	DE
Number nibble	0	1	2	3	4	5	6	7	8	9	00	11	22	33	44	55	66	77	88	99

Ross Cameron
June 1997

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September 6, 2000

RE: User Note

The introductory pages to the "Consolidated Southeast Asia File Descriptions Directory," found as reference copy pages 13-16 in the HES 71 technical documentation, are fragmented in the original version of the directory in the custody of the Center for Electronic Records.

William P. Fischer
Reference Technician
Center for Electronic Records

Reference Copy #1

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Introduction to Documentation

The Hamlet Evaluation System (HES) is a non-cumulative data base containing reports on the security of South Vietnamese villages and hamlets from North Vietnamese and Viet Cong harassment and encroachment. The evaluation of the security came from military, economic, and political data about each village or hamlet.

To understand HES, the terms hamlet and village should first be defined. According to the Civil Operations and Rural Development (CORDS) Support Research and Analysis Directorate (Document #DAR R70-79, CM-01B Command Manual) dated 9/1/1971 a hamlet is defined this way:

> In some districts, hamlets are identified as geographic areas with surveyed boundaries which are contiguous throughout a village. In other areas, hamlets are identified only as an area of massed population without clearly defined boundaries. Hamlets exist for the purpose of internal village administration, and the number of hamlets within a specific village may fluctuate over a period of time according to the administrative needs of the village.

A village is defined the following way:

> Villages typically have surveyed boundaries and form contiguous coverage of the area of each district in the country. The average Vietnamese village contains five hamlets, although the number may vary from one to twenty five or more. A legal entity with administrative autonomy, the village is the basic echelon for rural administration in Vietnam.

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Historical Development of HES

The Vietnamese themselves made attempts to measure the security of the population as early as 1963. These attempts featured a wide variety of systematic reports about the situation in the countryside. A joint South Vietnamese-U.S. reporting system was adopted in May 1964 and continued in use until June 1967. The joint system that was inaugurated in 1964 was designed to reflect only military security, administrative control, and pacification progress. Heaviest emphasis was placed on military security.[1]

Shortcomings in the joint reporting effort led the Secretary of Defense to ask the Assistant Secretary of Defense for Program Analysis and Evaluation (ASDPA&E) for a better system of reporting.[2] This Hamlet Evaluation System was to measure the degree of security which the American and South Vietnamese governments maintained for the South Vietnamese people. The American Hamlet Evaluation System then became the only official system in January 1967.[3]

A new gazetteer of hamlets was compiled and new population base

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[1] A Systems Analysis View of the Vietnam War: 1965-1972, Vol 9, October 1967, page 32.

[2]Ibid., June 1967, p. 6

[3]Thayer, Thomas C., War Without Fronts, The American Experience in Vietnam., pp. 137-138.

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estimates were made whenever possible. The revised system was then called the Hamlet Evaluation System file (HAMLA). HAMLA was designed to yield comprehensive, quantifiable data on the security and development of every hamlet in South Vietnam under some degree of Government of Vietnam (GVN) control, and to identify hamlets which were under Viet Cong (VC) control.[4]

The basic evaluation of each hamlet's status came from the subsector advisors who filled out and submitted work sheets on a monthly basis. US advisors reported their own personal observations and evaluations of hamlet status through HES. The advisors also indicated the level of confidence they placed on their evaluations.

For each hamlet in his district, the subsector advisor gave observation ratings on each of 18 status indicators, nine measuring security conditions, nine covering socio-economic development projects. These observations concerned enemy attacks, friendly defenses, assassinations, casualties, property damage, road damage, the presence of schools, churches, and economic progress.

The 18 status indicators were averaged together to yield an overall hamlet classification of A through E. All eighteen indicators

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[4] A Systems Analysis...1972, June 1967, p. 6

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determined a hamlet's rating.

Hamlets were rated 1 (worst) through 5 (best) on each of the 18 multiple choice indicators. The scores for the eighteen indicators were added (minimum score was 18, maximum was 90) and the hamlet was then designated A, B, C, D, or E according to the following arbitrarily set ranges:

Hamlet Total Score	Hamlet Alphabetical Index
18-26	E
27-44	D
45-62	C
63-80	B
81-90	A

If a hamlet was controlled by the VC, it was not rated at all, but was simply tallied as a "VC" hamlet.[5]

It was, therefore, difficult to give a concise interpretation of what constituted an "A" or a "B" hamlet. A, B, or C hamlets seemed to be roughly equivalent to the Joint US/GVN reporting system's Secure category; D and E hamlet population ratings seemed equivalent to Contested; and VC equivalent to VC controlled.[6] The overall HES scores were clearly weighted more toward social and

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[5] Ibid., October 1967, p.49

[6] Ibid., Oct 1967, p. 41.

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economic development than the criteria for the 1964-1966 US/GVN reports and may have given a better measure of permanent pacification progress, as opposed to increased military protection.[7]

Following ASDPA&E specifications, the Computer Command, United States Military Assistance Command, Vietnam (MACV) established an automated file structure, collected the HES reports and entered the data into the files. After each update in Saigon, MACV transmitted the data to ASDPA&E which used the HES information to prepare analyses. These reports went to the Joint Chiefs of Staff, the Secretary of Defense, and the President of the United States.[8]

In 1969, the Simulatics Corporation, under contract to the Department of Defense, conducted a study in which the study team used interviews, records research, and direct field observation by US and Vietnamese team members. The team compared the advisors' inputs with the opinions of other observers, such as hamlet citizens and chiefs, and the team members themselves.[9] This analysis of the April 1967 HAMLA reports revealed that the advisors

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[7] Ibid., October 1967, p 42.

[8] Ibid., January, 1967, p.1.

[9] National Archives records Appraisal Report, NN Job #375-141, 10/28/75, p.8.

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were not grading all of the indicators according to a single criterion. In an attempt to overcome known biases, ASDPA&E developed the Hamlet Evaluation System 1970 file (HES 70). In this new effort, U.S. advisors supplied the facts, not subjective judgements. Automated programs applied experts' rating criteria uniformly throughout South Vietnam.[10]

To obtain A, B,C,D, E, and VC ratings comparable to those in HAMLA HES70 used a uniform but complex weighing scheme built upon experts' judgements of the 19 different aspects of pacification. The experts' judgements were converted to A,B,C,D,E, and VC scores by a standard mathematical technique (Bayesian probability analysis).[11]

Starting in Jan. 1971, ASDPA&E began a new scoring system which gave greater weight to political factors, such as the Viet Cong infrastructure or terrorism.[12] This new scoring system adopted the name Hamlet Evaluation System 1971 file (HES 71), incorporated the data from HES 70, and continued in operation after 1971. After the withdrawal of American advisors in 1972, the HES 71 reporting

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[10] War Without Fronts, The American Experience in Vietnam, Thomas Thayer, p. 139.

[11] Ibid., p. 141.

[12] A Systems Analysis...1972, Vol. 9, p. 217.

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system remained in effect by using reports from Vietnamese officials. The final data in the system is for January 1974.[13]

Derived Files

Because of this historical development of Hamlet Evaluation System, the HES system contains two primary data files: HAMLA for the period Jan. 1967 to Dec. 1969, and HES71 for the period Jan. 1970 to Jan. 1974. From these primary data files, ASDPA&E extracted six derived files:

1. The Hamlet Derived File (HAMDA)-- Jan. 1967-Dec. 1969--derived from HAMLA.

2. Rural Hamlet Derived File (RUMDA) --Jan. 1967-Dec. 1969--derived from HAMLA.

3. All Derived Hamlet Evaluation System 1970 (ADHES)-- July, 1969-Jan. 1974--derived from HES 71.

4. Rural Derived Hamlet Evaluation System 1970 (RDHES) -- July 1969-Dec. 1973--derived from HES 71.

5. Questions Hamlet Evaluation System 1970 (QHES) -- July 1969-Jan. 1973--derived from HES 71.

6. The Vietnamese Special Studies Group File (VSSG)--July 1969 -Jan. 1974--derived from HES 71.

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[13] War Without Fronts, The American Experience in Vietnam, T.C. Thayer, p. 141.

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By manipulating raw data from HAMLA, HAMDA and RUMDA provided information about the population of each hamlet and or larger geographic areas, measured against 21 different conditions. Both files consist of four periodic sets. Set one consists of 21 subset "scores" for hamlet security conditions. These scores were arrived at by combining average numerical responses to the questionnaire in HAMLA concerning military incidents, hamlet and village infrastructure, hamlet defense plans and organizations, village guerilla units, friendly external force assistance, internal security activities, medical services and public health, education, public works, economic improvement programs, South Vietnamese governmental management, etc. Set two provides derived "scores" regarding the level of VC control of South Vietnamese people. Set three provides hamlet population counts and population data for all the scores in Set One. Set four has additional aggregated data sets developed to reduce the time required to produce many summary type reports from HAMLA.[14] HAMDA used data from the whole of Vietnam, but RUMDA concentrated on rural hamlets. In this context, rural hamlets were defined as within a village not exceeding 20,000 persons. Dates of coverage of HAMDA and RUMDA are the same as that of HAMLA.

ADHES 70, derived from HES 71 as well, concentrated on 39 responses

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[14]National Archives records Appraisal Report, NN Job No. 375-141, 10/28/75, p. 5.

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to the questionnaire. It grouped all the hamlets in Vietnam into ten categories, selected by population, and provided manipulated totals based on each of the 39 questionnaire responses for all months covered by HES 71. In addition to the control set, which identifies the geographical area of the record, each record contains two periodic sets. Periodic set one contains the number of hamlets and separate villages (ones without hamlet structure within), in each of seven control factors, A, B, C, D, E, N, or V, graded on the degree of population security. Periodic Set two provides the same data for villages with hamlet structure.[15]

VSSG was also derived from HES 71. It was designed by a special Department of Defense task force, named the Vietnam Special Studies Group, which was formed to measure their effectiveness of reporting to the Pentagon from the fields. The file consists of a control set which identifies the hamlet by UTM coordinates and the HES identifier code for each month in HES memory. VSSG selected 10 responses to the questionnaire, summarized three months of data from all the records of HES 71 and placed each hamlet into one of ten categories which described its degree of security. The ten categories were: GVN presence, influenced by both sides, VC presence, could not be rated, GVN control, VC control, GVN presence less quarterly, VC Veto, monthly VC hamlet veto of GVN control, monthly VC village veto of GVN control, and GVN control vetoed by

[15] Ibid., p. 5

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unrated VC questions. The ten responses were put through the VSSG control category algorithm to determine which conditions were met.[16]

For additional information on the Hamlet Evaluation Systems, see Thomas C. Thayer's book, War Without Fronts, The American Experience in Vietnam, Westview Press, 1985; or see A Systems Analysis View of the Vietnam War: 1965-1972, Volumes 1-12, Thomas C. Thayer, Editor (available from the National Technical Information Service (NTIS).

For further research, HES computer printouts may be consulted in Records of Interservice Agencies (RG 334), CORDS Reports and Analysis Directorate, Automated Data Processing Division.

RELATED ELECTRONIC DATA FILES: The following files are available from Archival Services Branch, Center for Electronic Records, National Archives and Records Administration:

Hamlet Evaluation System 1970 (HES 70), RG330, Records of the Office of the Secretary of Defense

Vietnam Special Studies Group (VSSG), RG330, Records of the Office of the Secretary of Defense

All Derived Hamlet Evaluation System 1970 (ADHES70), RG330, Records of the Office of the Secretary of Defense

Hamlet Derived File (HAMDA), RG330, Records of the Office of the Secretary of Defense

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[16] Ibid., p. 6

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CHAPTER 1

FILE DESCRIPTION

rpose

e NMCS Hamlet Evaluation System is composed of a primary le (HES71) and three working files (QHES70, VSSG, HES70). HES71 is derived from the Revised Hamlet aluation System (HES) which was designed and implemented CORDS-DMA at MACV for analyzing the effectiveness of the cification Programs in South Viet Nam. The three working les are derived subfiles of HES71 which were designed and plemented at the NMCSSC to reduce processing time.

formation Type

ıe basis for the data in the NMCS Hamlet Evaluation System ; HES71. Data in HES71 is provided on a monthly basis for ıch hamlet and village in South Viet Nam. The data si of population and location information, and ponses to questions on the security, political and socio-ɔnomic status of the hamlet or village.

ıta in QHES70 consists of hamlet counts and population ɔtals based on the responses to 38 selected questions from 3S71. The data is summarized monthly to division, ɔvince, military region, and SVN totals for each question.

ıta in VSSG is provided monthly for each hamlet. Responses ɔ 11 questions in HES71 are the basis for the VSSG ıformation. The actual responses, population, UTM ɔcation, and a VSSG pacification indicator derived from the esponses constitute the data.

ata in ADHES70 consists of hamlet and village counts and ɔpulation totals based on the macro-model and model scores n HES71. The data is summarized to division, province, ilitary region, and SVN totals for each macro-model or odel. A second version of ADHES70 reflecting only rural amlets is also maintained. This file does not contain

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village information as the rural indicator in HES71 is only available on a hamlet level.

Input Sources

A input for NMCS-HES comes from MACV.

Data Record Arrangement

The HES file, maintained at MACV, is a COBOL data file which is converted to a S/360 NIPS file at NMCSSC. The QHES70, VSSG, and ADHES70 NIPS files are generated from the HES71 NIPS file. Four distinct FFIs exist for these four NIPS files. The HES71 file consists of a fixed set for each hamlet and village in SVN. The fixed set uniquely identifies each hamlet or village and the type of data as either describing a hamlet or a village. Each hamlet record is composed of two periodic sets: Set 1 contains the hamlet level question responses and hamlet population information; Set 3 contains the hamlet submodel, macro-model and model scores and hamlet population. Each village record is composed of three periodic sets: Set 2 contains village level question responses and village population information. Set 3 has the same format as Set 3 for hamlet records; however, the macro-model and model scores reflect village only responses as derived from the questions in Set 2. Set 3 also contains village only population information. Set 4 contains the village model scores and total (hamlet and non-hamlet) population. The model scores in Set 4 reflect a composite of the hamlet model scores in Set 3 of the hamlet records after they have been weighted by the hamlet population, and the village only model scores in Set 3 of the village records after they have been weighted by the non-hamlet population.

In each of the four periodic sets in HES71, one subset will exist for each month the hamlet or village was in existence.

The QHES70 file consists of a fixed set which contains an area identifier, a question identifier, the year and month of the data, and the hamlet counts and population totals by the various responses to the identified question.

The VSSG file consists of a fixed set for each monthly hamlet record in HES71. This set contains the year and month of the data, a hamlet U.S. identification code, the hamlet UTM, an urban-rural indicator, the 11 question

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responses from HES71, the 11 derived responses, and the VSSG pacification score.

The ADHES70 file consists of a fixed set for each macro-model and model from each area (division, province, etc.) in SV The fixed set contains an area identifier, a model identifier, and a code which indicates the level of summarization. Periodic Set 1 contains a monthly subset which represents composite summary data for hamlet and village only models from HES71. Set 2 contains a subset per month and represents the scores for village models. Both sets contain hamlet counts and population totals for each possible model score. When ADHES70 contains only rural hamlet data, Set 2 does not exist.

Data Element Standardization

All input and codes are prescribed by MACV.

Data Transactions

Transactions for HES71 are generated by an ALC preprocessor which modifies the MACV COBOL file for acceptance by S/360 NIPS. There are six transaction types output from the preprocessor: one transaction for the fixed set, two transactions for the hamlet record periodic sets, and three transactions for the village record periodic sets.

Transactions for QHES70, VSSG, and ADHES70 are generated from the HES71 NIPS file using the OP component of S/360 NIPS. One transaction type is generated for the VSSG file. Three transactions types are used for the QHES70 file: two are used for generation of the monthly file; the third type is used to update the monthly file. One of the generation types and the one update transaction type contain the hamlet data. The second generation transaction type contains the non-hamlet transaction data. The ADHES70 file requires three transaction types: one transaction contains the fixed data, the second contains hamlet model data for set 1, and the third contains village model data for set 2.

File Update/Revision History

Each of the four files in the NMCS Hamlet Evaluation System is updated monthly. HES71 which originated in January 1971 is the successor of the HES70 file which existed from July

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1969 to December 1970. HES70 was preceded by the HAMLA file which covers the time from January 1967 to December 1969. All three files are NMCS files derived from MACV's HES file. OHES70, VSSG, and ADHES70 were originally developed using HES70. Therefore, data for these files starts in July 1969 and continues to the present.

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Washington, DC 20408

Anne McMahon
5 November 1993
3-330-75-141

VALIDATION STATEMENT

When the National Archives acquired custody of this file, the accessioning procedures called for a manual comparison of the documentation to a printout of a portion of the records in each data set. This manual comparison is referred to as a "preliminary assessment" or "validation." For this file, the validation of the data sets involved comparing the code tables with the report layouts provided in the documentation, and comparing the acceptable codes with a sample of records. Five records each in the HAMLA and HES 71 data sets were validated. This is a statement of the results of the preliminary assessment or validation.

title: Hamlet Evaluation System (HAMLA) and Hamlet Evaluation System 1971 (HES 71)

total number of data sets: 2

logical record length:
HAMLA - 195

HES71 - 372

HAMLA

Five records were validated from the sample printout. Comparing the printout with the file detail and codes provided in Agency documentation indicates that codes do not exist for the following data elements:

Data Elements		Field Position
NUMB - GVN Hamlet ID Number		51-53
Prob 1- ?	?	112-116
Prob 3- ?	?	118
Prob 5- ?	?	122
Prob 6- ?	?	123
Prob 7- ?	?	124
Prob 8- ?	?	125
XProb - ?	?	127-145
VCNR -Viet Cong Military Region Identifier		146-147
TEAMS-Team Identifier		148-155

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The advisers' actual security rating appears as data elements:

Data Elements	Field Elements
MLAC - Viet Cong Military Activities	86-89
PLAC - Viet Cong Political and Subversive Activities	90-93
SECU - Security-Friendly Capabilities	94-97
ADPL - Administrative and Political Activities	98-101
HEW-Health Education, Welfare	102-105
ECDV- Economic Development	106-109

Section V of "HAMLET EVALUATION SYSTEM (HES) Explanations and Definitions" explains the significance of the ratings A through E for each of the above categories. The documentation mentions, "The Confidence Indicators, if rated, range from 1 to 5." However, the meaning and coding of confidence factors is not known. The ratings in these above categories provide the data for compilation of three other data elements:

Data Elements	Field Position
SECUR-Security Classification Score	70-71
DEVEL- Development Classification Score	73-75
CLASX- Average Overall Score	78-80

Finally, the CLAS-Classification Level Indicator (position 81) is based on a numerical scale which is a function of the above scores. The procedure for computing CLAS remains unknown.

In the validation process, the following items were also identified:

1. There is a gap between field locations 150-195 (data elements 43-48) in every record reviewed for this file. This suggests that the information for these data elements was not a part of this system in 1967. (Or 1968 as well.)

2. In GND9276 197-A (HAMLA 1968, reel 1 of 2) record 3, data element 11, "Hamlet Population," filed locations 46-50, nothing but years appear where a number is necessary. Population figures for this hamlet are given for the periods January-July 1968 and December 1968; only years appear for the periods August - November 1968. It should also be noted that the following field locations appear blank throughout this hamlet's record: 86-109, 127-145, and 150-195. This may be due to the fact that this hamlet was under VC control throughout 1968.

3. In GND 9267, 180-A (HAMLA 1968, reel 1 of 2), record 3, there are only blanks for the following field locations: 50-61, 63-69, 75-77, 80-84, 86-109, 114-116, 118-121, 127-145 and 150-195. Here also the "Hamlet Population" (data element 11, filed locations 46-50) is given as "0000." In addition, the records for this hamlet

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begin only in June 1968, covering through December 1968. The problem here may lie in the identification of Hue as a "hamlet" (the previous record in the dump evaluated Hue as a "district.") The problem of the late date for Hue is probably due to the temporary Viet Cong occupation of the city and the heavy fighting there during the TET offensive of 1968 (January-February), which disrupted reporting procedures.

4. Record 1 (of the second 2.005 dump) covers only the period January-February 1968 for the hamlets of "Nba Hung, Thong Nhat, Van Thuy Nung, and Refugee Camp."

5. Records 1 and 2 (of the third 2005 dump) show only blanks for the following field locations: 63-64, 67-69, 76-77,86-109, 114-116, 118-121, 127-145, and 150-195. Here again, the "Hamlet Population" (field location 46-50) is given only as "0000" for the hamlet of Ben Do. The same pattern of blank field locations also occurs in records 305 of this dump.

6. The same blanks for the same field locations as above appear in records 1-5 (of the fourth 2005 dump). Data element 11 "Hamlet Population," uses a letter designation (A-I) in place of a number in field location 50 for all 5 records.

7. GND9276 375A (HAMLA 1968, reel 1 of 2) duplicates GND9276 180A in its first four groups of dumped records. The former has, however, fifteen records dumped immediately preceding the tape mark. The last fifteen records do not have the great gaps in field locations characteristic of the earlier groups, except for the blanks in field locations 150-195.

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1. PAGE 1 OF 8

2. NAME	3. TYPE OF RECORD	4. RECORD SIZE	5. DATE PREPARED
HAMLA File	☐ INPUT ☐ OUTPUT ☒ MASTER	195	

6. SYSTEM	7. PREPARED BY
Hamlet Evaluation System (HES)	National Archives

8. DEFINITION

LINE NO.	DATA ELEMENT	FIELD LOCATION	CLASS A/N	SIGN (If numeric)	SIZE	TYPE OF DATA STANDARD	REFERENCE: IDENT. AND PAGE	REFERENCE: LINE NO.	NOTE
a.	b.	c.	d.	e.	f.	g.	h.	i.	j.
1	Country Identification Code (CHAM)	1			1				1
2	Province Identification Code (PHAM)	2-3			2				2
3	District Identification Code (DHAM)	4-5			2				2
4	Village Identification Code (VHAM)	6-7			2				2
5	Hamlet Identification Code (HHAM)	8-9			2				2
6	Date	10-13			4				3
7	Record Type (Rectp)	14			1				4
8	Valid	15			1				
	C= Hamlet has been continuously rated A thru E, ORVC								
	N= Noncontinuously rated Hamlet								
9	Name	16-31			16				5
10	XName	32-45			14				6
11	Hamlet Population (HPOP)	46-50			5				
12	GVN Hamlet ID Number (NUMB)	51-53			3				7
13	UTM Grid Coordinate (Point)	54-61			8				
14	National Priority Area (NPA)	62			1				
	Y= Hamlet in a NPA N= Hamlet not in a NPA								
15	Control Status as of 31Dec66 (CNTRLG)	63-64			2				8

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INPUT, OUTPUT, MASTER DEFINITION (Excluding Reports)

1. PAGE 2 OF 8

2. NAME

3. TYPE OF RECORD ☐ INPUT ☐ OUTPUT ☐ MASTER

4. RECORD SIZE

5. DATE PREPARED

6. SYSTEM

7. PREPARED BY

8. DEFINITION

LINE NO.	DATA ELEMENT	FIELD LOCATION	CLASS A/N	SIGN (If numeric)	SIZE	TYPE OF DATA STANDARD	REFERENCE IDENT. AND PAGE	REFERENCE LINE NO.	NOTE
a.	b.	c.	d.	e.	f.	g.	h.	i.	j.
16	Hamlet type planned for 1967 (HTYPE)	65-67			3				
17	Control Status current month (CNTL7)	68-69			2				9
18	Security Classification Score (SECUR)--Items MLAC, PLAC, SECU	70-72			3				
19	Development Classification Score (DEVEL) --Items ADPL, HEW, ECDV	73-75			3				
20	Revolutionary Development Status (RDSTA)	76-77			2				10
21	Average Overall score of MLAC, PLAC, SECO, ADPL, HEW, ECDV (CLASX)	78-80			3				
22	Classification level indicator of Hamlet (CLAS)	81			1				11
23	Average confidence level (CONFX)	82-84			3				
24	Population Reliability index (POPRE) 1 - High Reliability 2 - Low Reliability 3 - Undetermined Reliability	85			1				
25	Vietcong, Military Activities (MLAC)	86-89			4				12
	Village Guerrilla unit	86							
	External Forces	87							
	Military incidents Affecting Hamlet	88							
	confidence factor	89							
26	VC Political and Subversive Activities (PLAC)	90-93			4				
	Hamlet Infrastructure	90							
	Village Infrastructure	91							
	Activities Affecting Hamlet	92							
	Confidence Factor	93							

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INPUT, OUTPUT, MASTER DEFINITION (Excluding Reports)

1. PAGE 3 OF 8

2. NAME

3. TYPE OF RECORD ☐ INPUT ☐ OUTPUT ☐ MASTER

4. RECORD SIZE

5. DATE PREPARED

6. SYSTEM

7. PREPARED BY

8. DEFINITION

LINE NO.	DATA ELEMENT	FIELD LOCATION	CLASS A/N	SIGN (If numeric)	SIZE	TYPE OF DATA STANDARD	REFERENCE		NOTE
							IDENT. AND PAGE	LINE NO.	
a.	b.	c.	d.	e.	f.	g.	h.	i.	j.
27	Security-Friendly capabilities (SECU)	94-97			4				
	Hamlet Defense Plan and Organization	94							
	Friendly External Force Assistance	95							
	Internal Security Activities	96							
	Confidence Factor	97							
28	Administrative and Political Activities (ADPL)	98-101			4				
	GVN Governmental Management	98							
	GVN Response to Popular Aspirations	99							
	Information / PSYOP Activities	100							
	Confidence Factor	101							
29	Health, Education, and Welfare (HEW)	102-105			4				
	Medical Services and Public Health	102							
	Education	103							
	Welfare	104							
	Confidence Factor	105							
30	Economic Development (ECDV)	106-109			4				
	Self-help activity	106							
	Public Works	107							
	Economic improvement programs	108							
	Confidence Factor	109							
31	Security Status (SCSTA)	110-111			2				13
32	PROB 1	112-116			5				7

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INPUT, OUTPUT, MASTER DEFINITION (Excluding Reports)

2. NAME	3. TYPE OF RECORD	4. RECORD SIZE	5. DATE PREPARED
	☐ INPUT ☐ OUTPUT ☐ MASTER		

6. SYSTEM	7. PREPARED BY

8. DEFINITION

LINE NO.	DATA ELEMENT	FIELD LOCATION	CLASS A/N	SIGN (If numeric)	SIZE	TYPE OF DATA STANDARD	REFERENCE IDENT. AND PAGE	REFERENCE LINE NO.	NOTE
a.	b.	c.	d.	e.	f.	g.	h.	i.	j.
33	URBAN - URBAN Flag (v)	117			1				
	Indicates Village Population of 20,000								
34	PROB 3	118			1				7
35	Number of Officials Elected (ELECT)	119-121			3				14
36	PROB 5	122			1				7
37	PROB 6	123			1				7
38	PROB 7	124			1				7
39	PROB 8	125			1				7
40	GVN/US Visit Indicator monthly (VISIT)	126			1				
	0 - None 1 - GVN								
	2 - US 3 - Both								
41	XPROB	127-145			19				15
	Misconduct - US Military	127							
	Misconduct - other FWAMF	128							
	Misconduct - ARVN	129							
	Misconduct - RF/PF	130							
	Misconduct - RD Cadre	131							
	Adverse Military Operations	132							
	* Corruption/Tyranny of Officials								
	Corruption/Tyranny of Officials	133							
	* RD Program support of Officials								

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INPUT, OUTPUT, MASTER DEFINITION (Excluding Reports)

1. PAGE 5 OF 8

2. NAME

3. TYPE OF RECORD ☐ INPUT ☐ OUTPUT ☐ MASTER

4. RECORD SIZE

5. DATE PREPARED

6. SYSTEM

7. PREPARED BY

8. DEFINITION

LINE NO.	DATA ELEMENT	FIELD LOCATION	CLASS A/N	SIGN (If numeric)	SIZE	TYPE OF DATA STANDARD	REFERENCE IDENT. AND PAGE	REFERENCE LINE NO.	NOTE
a.	b.	c.	d.	e.	f.	g.	h.	i.	j.
	Support of Hamlet Self-Defense	134							
	*GVN Salaries for RF/PF								
	Outside supplies - GVN Sources	135							
	*GVN Salaries for Local Staff								
	Outside supplies - Non-GVN Sources	136							
	*GVN Salaries for School teachers								
	Drinking water-local sources	137							
	*Supplies, self-help projects								
	Drinking water-plan/work to improve	138							
	*Tax Collection								
	Refugee Problems-of Hamlet	139							
	*Condition of main routes								
	Refugee Problems-Adequacy of GVN	140							
	*Other Hamlet self-help								
	Tax Collection - Viet Cong	141							
	Tax Collection - GVN	142							
	US Advisor Access - Surface	143							
	US Advisor Access - Airstrip	144							
	Condition of main roads	145							
42	VC Military Region Identifier (VCMR)	146-147							
43	Teams	148-155			8				16
44	Viet Cong Control Population (VCPOP)	156-163			8				17

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INPUT, OUTPUT, MASTER DEFINITION (Excluding Reports)

1. PAGE 6 OF 8

2. NAME

3. TYPE OF RECORD ☐ INPUT ☐ OUTPUT ☐ MASTER

4. RECORD SIZE

5. DATE PREPARED

6. SYSTEM

7. PREPARED BY

8. DEFINITION

LINE NO.	DATA ELEMENT	FIELD LOCATION	CLASS A/N	SIGN (If numeric)	SIZE	TYPE OF DATA STANDARD	REFERENCE		NOTE
							IDENT. AND PAGE	LINE NO.	
a.	b.	c.	d.	e.	f.	g.	h.	i.	j.
45	GVN Control Population (GVPOP)	164-171			8				17
46	Neither/Both Control (NBPOP)	172-179			8				17
47	Unknown Control (UNPOP)	180-187			8				17
48	Total Population (TOPOP)	188-195			8				17

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4. NO.	5. NOTES
1	The Documentation provided by ASDPAE indicates that this is the "Country"
	code. However, A safe assumption is that this is a Corps Region Code.
2	See note on District, Village and Hamlet Codes else where in this Documentation.
3	A Four-Digit Code with a 2 Digit for Year followed by two digits for Month.
4	1 = Hamlet Record
	0 = District Record
	District Records contain non-Hamlet Population Data
5	If RECTP is 1, field is name of Hamlet
	If RECTP is 0, field is name of District
6	If RECTP is 1, field is name of Village
	If RECTP is 0, field is name of Province
7	Coding Unknown
8	HT - Completed (SECURED) CL - Undergoing Clearing CC - Undergoing Consolidation XD - Undergoing Construction UC - Uncontested VC - Viet Cong Control
9	HT - Completed Hamlet DE - Undergoing Development CC - Undergoing Consolidation XD - Undergoing Construction CO - Contested Hamlet VC - VC Controlled
10	HT - Completed Hamlet CC - Undergoing Consolidation XD - Undergoing Construction DT - Planned - Not RD Hamlet
11	A - 450-500 B - 350-449 C - 250-349 D - 150-249 E - 100-149 V - Viet Cong Controlled

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4. NO.	5. NOTES
	N - Not Evaluated X - Abandoned
	P - Planned
12	Rated A thru E or Blank - The confidence indicators, if rated, range from
	1 to 5.
	SE - Secure Day and Night
13	SS - Secure Day only
	CO - Contested VC - VC Control
14	Positions 1-2 Number of Officials Elected
	Position 3 -Y- Reliable Data -L- Low Reliability
15	Positions 1-14 contains values for 6701 thru 6705
	* Indicates Problem evaluation thru 6705
16	1-2 ARVN Battalions
	3-4 CAP Teams 5-6 RD Teams
	7-8 TS Teams
17	This set will contain one subset, in RECTP 0 District Population Control
	Figures are Non-Hamlet rated . Total Population in District not included
	in Hamlet Rating. Group POPU VCPOP, GCPOP, NBPOP, UNPOP, TOPOP Number.

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FSI/VTC 19 Dec. 1968

HEADQUARTERS
UNITED STATES MILITARY ASSISTANCE COMMAND, VIETNAM
APO San Francisco 96222

HAMLET EVALUATION SYSTEM (HES)
Explanations and Definitions

PURPOSE

To provide explanations and definitions of codes, hamlet categories, etc. that are used monthly in the HES reports. The explanations of the contents of HES reports are to provide you generally with the data in the reports and frequency of publication.

SECTION I

Content of HES Reports.

SECTION II

Explanation of Urban and Rural Hamlets.

SECTION III

Explanation of codes shown in HES Reports.

SECTION IV

Ap Doi Moi objectives.

SECTION V

Explanation and Definitions of Hamlet Categories.

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SECTION I

CONTENT OF HES REPORTS

1. HES Information Report - An individual hamlet portrayal of data relating to location, population and advisor evaluation of security and development conditions. Booked by Corps in U. S. Hamlet ID sequence. Monthly.

2. HES Historical Record - A history of reporting activity for each hamlet reflecting every data change entered by U. S. advisors from the inception of HES (January 1967) to the current report. Booked by Corps in U. S. Hamlet ID sequence. Monthly.

3. Hamlet Category Change Report - A summary of hamlet and population movement (regression or progression) within HES hamlet categories by security and development factors (Security Category [SC], Development Category [DC], and Hamlet Category [HC]) at RVN, Corps and Province levels. Booked by factor or RVN; Monthly Distribution made.

4. HES Condition Analysis - A summary at RVN, Corps and province levels of the number and percent of hamlets and the amount and percent of population influenced by forty-eight defined conditions. Monthly.

5. HES Trend Analysis - A report portraying trends over one year's time for hamlet and population movement at RVN, Corps and province level. Booked by security and development factors. Monthly.

6. HES Hamlet Gazetteer - A listing of the hamlets on the HES record as of the current month. Presented alphabetically by hamlet within province. Booked by Corps. Monthly.

7. GVN RD Hamlet Roster - A listing of RD hamlets providing population and evaluation data and reflecting data changes from the previous month. Booked by RVN in U. S. ID sequence. Monthly.

8. HES Hamlet Plot - A map overlay (scale 1:250,000) which plots the location and rating (A, B, C, etc.) of all hamlets currently entered in the HES record. By province. Monthly.

9. HES Hamlet Change Plot - A map overlay (scale 1:250,000) which plots the location of all hamlets which have progressed or regressed in HES security ratings over the previous month. By province. Monthly.

10. Monthly Pacification Status Report - A group of four summaries at RVN, Corps, and province levels giving the number and percent of hamlets and population within categories (A, B, C, etc.) by security, development, and security/development factors. The individual summaries are: HES Population Summary; Summary of HES Hamlet Evaluations; HES Population Summary of Rural Hamlet Population; and Summary of HES Rural Hamlet Evaluations. Monthly.

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SECTION II

EXPLANATION OF URBAN/RURAL HAMLETS

The criteria for determining whether a hamlet is urban or rural are as follows:

URBAN

1. Generally, an URBAN hamlet is one which itself contains, or is part of a population mass of 20,000 or more. The people are primarily engaged in business or commercial activity. Most of the adults are wage earners.

2. The population density is high in an URBAN hamlet. Houses are close together and the incidence of multi-family dwellings is high.

3. In an URBAN hamlet National Police presence is likely.

4. Most URBAN hamlets will have at least one gas station.

5. URBAN hamlets have many shops and restaurants, which are likely to have signs or billboards in front.

RURAL

In a RURAL hamlet the primary occupation is farming or fishing. A "market hamlet," where much village business is conducted, is still considered RURAL if the primary occupation of the bulk of the residents is farming or fishing.

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SECTION III

EXPLANATION OF CODES SHOWN IN HES REPORTS

1. GVN RD Hamlet Types:

a. Hamlets being worked on by the RD Cadre Teams in consonance with the GVN, National RD Program of the Ministry of Revolutionary Development (MRD) are designated as one of three phases of Ap Doi Moi (ADM) as follows:

(1) Ap Doi Moi (ADM): Those hamlets which have completely achieved the first 5 objectives (27 operations) for the restoration of security and the 6 objectives (9 operations) for development.

(2) Ap Doi Moi 2 (DM2): Those hamlets which have achieved the first 5 objectives (27 operations) and are carrying out the 9 operations for development.

(3) Ap Doi Moi 1 (DM1): Those hamlets that have completed the 27 operations of the first five objectives.

b. Hamlet Types, other than Ap Doi Moi:

(1) Ap Du Tru (ADT): Those hamlets which are planned Ap Doi Moi according to the yearly RD Plan, to include the 1968 program.

(2) Ap: The designation of those provincial hamlets which have not been in a year's RD Plan.

2. GVN RD Hamlet Status:

a. HT - Hoan Thanh - Completed.

b. XD - Dang Xau Dong - Under construction. Applies to Ap Doi Moi.

c. DT - Du Tru - planned. Applies only to hamlets in the 67 RD plan.

3. GVN Hamlet Security Status: Four terms used by the GVN to describe the security status of a hamlet or an area are as follows:

a. SE - An Ninh Ngay Dem - Secure night and day.

b. SS - An Ninh Ngay - Secure day only.

c. CO - Xoi Dau - Contested

d. VC - Viet Cong - VC Controlled

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4. U.S. Category:

CATEGORY	SCORE	CONDITION
A	5.00 - 4.50	
B	4.49 - 3.50	
C	3.49 - 2.50	
D	2.49 - 1.50	
E	1.49 - 1.00	
V		VC Controlled
X		Abandoned
N		Not Evaluated
P		Planned

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SECTION IV

AP DOI MOI OBJECTIVES

1. Security Restoration Phase including 27 Operations:

   a. Objective 1:

      Operation 1b: List the VC underground infrastructure.

      Operation 1c: List the VC separated from their network.

      Operation 1d: List families having VC members among their relatives

      Operation 1e: Chieu Hoi -- apprehend or annihilate VC.

      Operation 1h: Destroy VC installations.

      Operation 1k: Establish family census records.

      Operation 1m: Establish the people's aspirations cadre network.

   b. Objective 2:

      Operation 2a: List claims and complaints. Solve or transmit them to district chiefs.

   c. Objective 3:

      Operation 3a: Reconcile differences among villages.

      Operation 3b: Encourage families to help each other.

      Operation 3c: Organize a monthly community rally.

      Operation 3x: Urge young people to participate in popular associations.

   d. Objective 4:

      Operation 4a: Find out qualified leaders for popular associations.

      Operation 4b: Organize these associations.

      Operation 4c: Elect hamlet RD Committees.

      Operation 4d: Organize a monthly community rally.

      Operation 4e: Establish hamlet charter.

      Operation 4g: Organize elections.

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Operation 9b: Coordinate with the agricultural cadres detached to various inter-teams; guide and help the farmers' affiliated associations to set up plans for the launching of one or many campaigns to increase the production of rice, cultivate secondary crops, develop animal husbandry, and fisheries according to localities.

Operation 10a: Establish plans for the construction of main roads, secondary roads and trails.

Operation 10b: Construct by community development the secondary roads and trails.

Operation 11a: Establish lists of names of RD soldiers.

Operation 11e: Prepare plans for providing support to families of deceased soldiers.

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SECTION V

EXPLANATIONS AND DEFINITIONS OF HAMLET CATEGORIES

1. General: The hamlet category is a letter designation derived by averaging the responses to 18 questions, each of which is graded A (best) thru E (worst). The following explanations represent the general characteristics of each hamlet category, although some of the 18 responses may be rated higher or lower than the overall hamlet category. For example, a hamlet rated in security with 3 A's, 4 B's and 2 C's and in development with 2 C's, 4 D's and 3 E's would be given an overall rating of "C". Similarly, "A", "B", "D" and "E" hamlets may have individual response ratings of A, B, C, D and E.

2. Explanation:

a. In an "A" hamlet; VC remnants have been driven out, external VC forces are ineffective and no incidents occur; the infrastructure appears to be eliminated and no subversive activity occurs; adequate friendly defense forces exist, urban areas have adequate police day and night, there is only a slight need for external forces, and the hamlet is covered by effective internal security; an effective elected hamlet government exists, all GVN officials are resident, resident grievance representative in hamlet or village, and public awareness of GVN personnel and programs exist; general public participation in adequate medical programs exist; at least 90 per cent of children receive primary education and secondary schools are accessible; welfare needs are satisfied and special benefits are being paid; some self-help projects are completed, local pride is evident, public works projects are underway or completed, economic programs are well advanced or not even needed, popular demands are expressed and public participation and interest are widespread.

b. In a "B" hamlet, the VC can make only desperation raids, VC bases within 6 hrs. travel to hamlet have been destroyed and no incidents in hamlet have occurred during the month within the village or nearby; all party apparatus is identified, most leaders have been eliminated and no subversion and no incidents occur; friendly defense force is organized and partially effective, adequate plans and communications have been prepared for its use; in urban areas there are adequate police during the day, and an effective informant system is operative; complete GVN managerial group is resident, hamlet chief is elected and people are participating freely in civic associations; a trained medic and midwife are accessible and at least 90 per cent of children receive primary education; all programmed self-help projects are underway, advanced economic programs have been started and popular support and participation have increased.

c. In a "C" hamlet, military control of the VC has been broken, external VC units have been reduced up to 50 per cent and only sniping and mining occurs on routes to hamlet; most party apparatus is identified, its effectiveness is curtailed and no overt VC incidents have occurred recently; local communications system operative, urban areas have inadequate police during day, friendly forces meet security requirements and hamlet chiefs are receiving useful information from informants; GVN managerial groups are usually present at night, census grievance program has been completed and civic associations are being developed;

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full-time medical support is rendered by external teams, formal full-time education is available and some welfare needs are being met; economic programs are underway, people are interested and have given their consent to self-help projects and some participation has been achieved.

d. In a "D" hamlet, VC military activities have been reduced and external VC forces have been reduced up to 25 percent, but there is VC activity in the hamlet at night; some VC cadre have been eliminated, VC leaders have been neutralized, but terrorism and taxation occurs during the month; day and night defenses by friendly external and popular forces exist and voluntary informants are increasing; local participation in hamlet management has begun and a census grievance program has started and local officials occasionally respond to popular aspirations; MEDCAP visits are scheduled periodically, some formal education is available and initial welfare activity has begun; and economic development has been initiated and planning for self-help projects has started.

e. In an "E" hamlet, VC military activities are effective and attacks and ambushes occur; VC political and subversive activities exist, infrastructure is operating and VC terrorism and taxation occurs; friendly security capabilities are inadequate and night defenses are lacking; GVN administrative activities are temporary, appointed officials ineffective and usually only present in the daytime; health, education and welfare programs are non-existent; and no economic development is in progress.

f. An "Other" hamlet is one which is abandoned (contains no population but the hamlet name is maintained on the GVN roster), planned or not evaluated.

g. A "VC" hamlet is one under Viet Cong control and therefore, is not evaluated in terms of the 18 questions.

3. Definitions of Hamlet Categories:

"A" Adequate security forces, infrastructure eliminated, public projects underway, and economic programs improving.

"B" VC threat exists but security is organized and partially effective, infrastructure partially neutralized, self-help programs underway and economic improvement programs started.

"C" Subject to infrequent VC harassment, infrastructure identified, and inhabitants participate in self-help programs and local government.

"D" VC activities reduced but still an internal threat. Some VC taxation and terrorism. Some local participation in hamlet government and economic programs.

"E" VC are effective although some government control is evident. VC infrastructure intact. Government programs are non-existent or just beginning.

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"VC" Under VC Control. No government officials or advisors enter except on military operations. Populace willingly support Viet Cong.

4. Explanations/Definitions of Hamlet Categories:

a. RELATIVELY SECURE (A, B, &C Hamlets): Defense forces are considered adequate to deal with local enemy forces, local party apparatus has been largely neutralized. Citizens actively participate in self-defense, local government, and self-improvement efforts and the population is generally pro-GVN.

b. CONTESTED (D, E and Other Hamlets); Enemy forces in the vicinit are partially effective but enemy does not control the hamlet; VC tax collection and recruitment are probable. The hamlet has a nominal GVN government but the population is not active in support of either the Government or its programs. VC/NVA receive support from the local infrastructure.

c. ENEMY-CONTROLLED (VC Hamlets): No permanent GVN influence has been established. Hamlet is controlled by party members and the population supports enemy forces. VC openly use hamlet in support of their activities.

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APPENDIX J

HISTORICAL HES FFTS

This Appendix contains File Format Tables (FFTs) for the first two versions of the Hamlet Evaluation System as utilized at NMCS. The HAMLA file contains data from January 1967 to December 1969. The HES70 file contains data from July 1969 to December 1970 when the HES71 file became operational.

HAMLA FFT

```
STRUCTURE HAMLA.
CLASS 'UNCLASSIFIED'.
NOTE    THE PURPOSE OF HAMLA IS TO PROVIDE COMPUTER ACCESSABLE.
NOTE DATA TO BE USED IN ASSESSING THE PROGRESS OF THE
NOTE PACIFICATION PROGRAM IN SOUTH VIET NAM.
NOTE THE FILE CONTAINS CURRENT AND HISTORICAL DATA REFLECTING
NOTE POPULATION CONTROL, AND PROBLEM AREAS INDICATING
NOTE PROGRESS OF SECURITY AND SOCIO-ECONOMIC DEVELOPMENT
NOTE OF HAMLET PACIFICATION.
NOTE
NOTE ANALYST - E G MCCLAIN, IBM ROSSLYN, 524-7773
NOTE
TABLE PROVN OUTPUT 2 14 ALPHA ALPHA.
NOTE PROVN TABLE CONVERTS 2 CHARACTER CODE TO PROVINCE NAME
TABLE MUNTS OUTPUT 4 5 ALPHA ALPHA.
NOTE MUNTS TABLE CONVERTS DATE CODE TO ALPHA EQUIVALENT
EDIT HPOP '  , 0 '.
NOTE -HPOP- EDITS 5 CHARACTER POPULATION FIELDS
EDIT  POP '  ,  , 0 '.
NOTE -POP-  EDITS 8 CHARACTER POPULATION FIELDS
NOTE -SCORE- EDITS AVERAGE SCORE FIELDS
EDIT SCORE '0.
EDIT PCT ' 0.
NOTE -PCT- EDITS PERCENTAGE FIELDS
NOTE      THE FOLLOWING ELEMENTS ARE USED FOR RECORD CONTROL.
FIELD  CHAM  1 C ALPHA.
NOTE COUNTRY IDENTIFICATION CODE
FIELD  PHAM  2 C ALPHA PROVN.
NOTE PROVINCE IDENTIFICATION CODE
FIELD  DHAM  2 C ALPHA.
NOTE DISTRICT IDENTIFICATION CODE
FIELD  VHAM  2 C ALPHA.
NOTE VILLAGE IDENTIFICATION CODE
```


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```
FIELD  HHAM  2 C ALPHA.
NOTE HAMLET IDENTIFICATION CODE
GROUP HAMID CHAM,PHAM,DHAM,VHAM,HHAM ALPHA.
FIELD  DATE  4 C ALPHA MUNTS.
NOTE DATE AS A FUNCTION OF 6701
GROUP RECID HAMID,DATE ALPHA.
FIELD RECTP  1 X ALPHA.
NOTE 1 = HAMLET RECORD
NOTE 0 = DISTRICT RECORD
NOTE NOTE: DISTRICT RECORDS CONTAIN NON-HAMLET POPULATION DATA.
FIELD VALID  1 X ALPHA.
NOTE C = HAMLET HAS BEEN CONTINUOUSLY RATED A THRU E, OR VC
NOTE N = NONCONTINUOUSLY RATED HAMLET
FIELD  NAME 16 X ALPHA.
NOTE RECTP 0 - HAMLET NAME
NOTE RECTP 1 - DISTRICT NAME
FIELD XNAME 14 X ALPHA.
NOTE RECTP 0 - VILLAGE NAME
NOTE RECTP 1 - PROVINCE NAME
FIELD POPUL  5 X NUMER HPOP.
NOTE HAMLET POPULATION
FIELD  NUMB  3 X ALPHA.
NOTE GVN HAMLET ID NUMBER
FIELD POINT  8 X ALPHA.
NOTE UTM GRID CO-ORDINATE
FIELD  NPA  1 X ALPHA.
NOTE Y = HAMLET IS IN A NATIONAL PRIORITY AREA
NOTE N = HAMLET NOT IN NATIONAL PRIORITY AREA
FIELD CNTL6  2 X ALPHA.
NOTE CONTROL STATUS AS OF 31 DEC 66
NOTE       HT - COMPLETED (SECURED)
NOTE       CL - UNDERGOING CLEARING
NOTE       CC - UNDERGOING CONSOLIDATION
NOTE       XD - UNDERGOING CONSTRUCTION
NOTE       UC - UNCONTESTED
NOTE       VC - VIET CONG CONTROL
FIELD HTYPE  3 X ALPHA.
NOTE HAMLET TYPE PLANNED FOR 1967
NOTE       ADM - DESIGNATED TO MEET STANDARDS
NOTE       ATS - SECURED AS OF 31 DEC 66
NOTE       ACC - REGRESSED OR BEING RAISED
NOTE       ADB - DESIGNATED TO MEET TWO STANDARDS ABOVE
NOTE           - NONE OF ABOVE APPLY
FIELD CNTL7  2 X ALPHA.
NOTE CONTROL STATUS CURRENT MONTH
NOTE       HT - COMPLETED HAMLET
NOTE       DE - UNDERGOING DEVELOPMENT
NOTE       CC - UNDERGOING CONSOLIDATION
NOTE       XD - UNDERGOING CONSTRUCTION
```


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NOTE       CO - CONTESTED HAMLET                                        .  3374
NOTE       VC - VC CONTROLLED                                           .  3375
FIELD SECUR  3 X NUMER SCORE.                                              3376
NOTE SECURITY CLASSIFICATION SCORE - ITEMS MLAC, PLAC, SECU             .  3377
FIELD DEVEL  3 X NUMER SCORE.                                              3378
NOTE DEVELOPMENT CLASSIFICATION SCORE - ITEMS ADPL, HEW, ECDV           .  3379
FIELD RDSTA  2 X ALPHA.                                                    3380
NOTE REVOLUTIONARY DEVELOPMENT STATUS                                   .  3381
NOTE       HT - COMPLETED HAMLET                                        .  3382
NOTE       CC - UNDERGOING CONSOLIDATION                                .  3383
NOTE       XD - UNDERGOING CONSTRUCTION                                 .  3384
NOTE       DT - PLANNED                                                 .  3385
NOTE          - NOT RD HAMLET                                           .  3386
FIELD CLASX  3 X NUMER SCORE.                                              3387
NOTE AVERAGE OVERALL SCORE OF MLAC,PLAC,SECU,ADPL,HEW,ECDV.                3388
FIELD  CLAS  1 X ALPHA.                                                    3389
NOTE CLASSIFICATION LEVEL INDICATOR OF HAMLET                           .  3390
NOTE       A - 450 - 500                                                .  3391
NOTE       B - 350 - 449                                                .  3392
NOTE       C - 250 - 349                                                .  3393
NOTE       D - 150 - 249                                                .  3394
NOTE       E - 100 - 149                                                .  3395
NOTE       V - VIET CONG CONTROLLED                                     .  3396
NOTE       N - NOT EVALUATED                                            .  3397
NOTE       X - ABANDONED                                                .  3398
NOTE       P - PLANNED                                                  .  3399
FIELD CONFX  3 X NUMER SCORE.                                              3400
NOTE AVERAGE CONFIDENCE LEVEL                                           .  3401
FIELD POPRE  1 X ALPHA.                                                    3402
NOTE POPULATION RELIABILITY INDEX                                       .  3403
NOTE       1 - HIGH RELIABILITY                                         .  3404
NOTE       2 - LOW RELIABILITY                                          .  3405
NOTE       3 - UNDETERMINED RELIABILITY                                 .  3406
NOTE THE FOLLOWING EIGHTEEN ITEMS ARE RATED A THRU E, OR BLANK.         .  3407
NOTE THE CONFIDENCE INDICATORS, IF RATED, RANGE FROM 1 TO 5             .  3408
FIELD  MLAC  4 X ALPHA.                                                    3409
NOTE   VIET CONG MILITARY ACTIVITIES                                    .  3410
NOTE       1-1  VILLAGE GUERRILA UNIT                                   .  3411
NOTE       2-2  EXTERNAL FORCES                                         .  3412
NOTE       3-3  MILITARY INCIDENTS AFFECTING HAMLET                     .  3413
NOTE       4-4  CONFIDENCE FACTOR                                       .  3414
FIELD  PLAC  4 X ALPHA.                                                    3415
NOTE   VC POLITICAL AND SUBVERSIVE ACTIVITIES                           .  3416
NOTE       1-1  HAMLET INFRASTRUCTURE                                   .  3417
NOTE       2-2  VILLAGE INFRASTRUCTURE                                  .  3418
NOTE       3-3  ACTIVITIES AFFECTING HAMLET                             .  3419
NOTE       4-4  CONFIDENCE FACTOR                                       .  3420
FIELD  SECU  4 X ALPHA.                                                    3421
NOTE   SECURITY - FRIENDLY CAPABILITIES                                 .  3422
```


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NOTE       1-1  HAMLET DEFENSE PLAN AND ORGANIZATION          .  3423
NOTE       2-2  FRIENDLY EXTERNAL FORCE ASSISTANCE           .  3424
NOTE       3-3  INTERNAL SECURITY ACTIVITIES                 .  3425
NOTE       4-4  CONFIDENCE FACTOR                            .  3426
FIELD  ADPL  4 X ALPHA.                                         3427
NOTE   ADMINISTRATIVE AND POLITICAL ACTIVITIES               .  3428
NOTE       1-1  GVN GOVERNMENTAL MANAGEMENT                  .  3429
NOTE       2-2  GVN RESPONSE TO POPULAR ASPIRATIONS          .  3430
NOTE       3-3  INFORMATION / PSYOP ACTIVITIES               .  3431
NOTE       4-4  CONFIDENCE FACTOR                            .  3432
FIELD   HEW  4 X ALPHA.                                         3433
NOTE   HEALTH, EDUCATION, AND WELFARE                        .  3434
NOTE       1-1  MEDICAL SERVICES AND PUBLIC HEALTH           .  3435
NOTE       2-2  EDUCATION                                    .  3436
NOTE       3-3  WELFARE                                      .  3437
NOTE       4-4  CONFIDENCE FACTOR                            .  3438
FIELD  ECDV  4 X ALPHA.                                         3439
NOTE   ECONOMIC DEVELOPMENT                                  .  3440
NOTE       1-1  SELF-HELP ACTIVITY                           .  3441
NOTE       2-2  PUBLIC WORKS                                 .  3442
NOTE       3-3  ECONOMIC IMPROVEMENT PROGRAMS                .  3443
NOTE       4-4  CONFIDENCE FACTOR                            .  3444
GROUP EVALU MLAC,PLAC,SECU,ADPL,HEW,ECDV ALPHA.                 3445
FIELD SCSTA  2 X ALPHA.                                         3446
NOTE   SECURITY STATUS                                       .  3447
NOTE       SE - SECURE DAY AND NIGHT                         .  3448
NOTE       SS - SECURE DAY ONLY                              .  3449
NOTE       CO - CONTESTED                                    .  3450
NOTE       VC - VC CONTROL                                   .  3451
FIELD PROB1  5 X ALPHA.                                         3452
FIELD URBAN  1 X ALPHA.                                         3453
NOTE URBAN FLAG -U- INDICATES VILLAGE POPULATION OF 20,000    .  3454
FIELD PROB3  1 X ALPHA.                                         3455
FIELD ELECT  3 X ALPHA.                                         3456
NOTE POSITIONS 1-2  NUMBER OF OFFICIALS ELECTED               .  3457
NOTE POSITION 3      -Y- RELIABLE DATA                        .  3458
NOTE                -L- LOW RELIABILITY                       .  3459
FIELD PROB5  1 X ALPHA.                                         3460
FIELD PROB6  1 X ALPHA.                                         3461
FIELD PROB7  1 X ALPHA.                                         3462
FIELD PROB8  1 X ALPHA.                                         3463
FIELD VISIT  1 X ALPHA.                                         3464
NOTE GVN/US VISIT INDICATOR MONTHLY                           .  3465
NOTE       0 - NONE                                           .  3466
NOTE       1 - GVN                                            .  3467
NOTE       2 - US                                             .  3468
NOTE       3 - BOTH                                           .  3469
NOTE XPROB FACTORS ARE RATED BEGINNING IN 6706                .  3470
NOTE XPROB POSITIONS 1-14 CONTAIN VALUES FOR 6701 THRU 6705   .  3471
```


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NOTE * INDICATES PROBLEM EVALUATION THRU 6705                    . 3472
FIELD XPROB 19 X ALPHA.                                            3473
NOTE 1-1   MISCONDUCT - US MILITARY                              . 3474
NOTE 2-2   MISCONDUCT - OTHER FWAMF                              . 3475
NOTE 3-3   MISCONDUCT - ARVN                                     . 3476
NOTE 4-4   MISCONDUCT - RF/PF                                    . 3477
NOTE 5-5   MISCONDUCT - RD CADRE                                 . 3478
NOTE 6-6   ADVERSE MILITARY OPERATIONS                           . 3479
NOTE      *CORRUPTION/TYRRANY OF OFFICIALS                       . 3480
NOTE 7-7  CORRUPTION/TYPRANY OF OFFICIALS                        . 3481
NOTE      *RD PROGRAM SUPPORT BY OFFICIALS                       . 3482
NOTE 8-8   SUPPORT OF HAMLET SELF-DEFENSE                        . 3483
NOTE      *GVN SALARIES FOR RF/PF                                . 3484
NOTE 9-9   OUTSIDE SUPPLIES - GVN SOURCES                        . 3485
NOTE      *GVN SALARIES FOR LOCAL STAFF                          . 3486
NOTE 10-10 OUTSIDE SUPPLIES - NON-GVN SOURCES                    . 3487
NOTE      *GVN SALARIES FOR SCHOOL TEACHERS                      . 3488
NOTE 11-11 DRINKING WATER - LOCAL SOURCES                        . 3489
NOTE      *SUPPLIES, SELF-HELP PROJECTS                          . 3490
NOTE 12-12 DRINKING WATER - PLANS/WORK TO IMPROVE                . 3491
NOTE      *TAX COLLECTION                                        . 3492
NOTE 13-13 REFUGEE PROBLEMS - OF HAMLET                          . 3493
NOTE      *CONDITION OF MAIN ROUTES                              . 3494
NOTE 14-14 REFUGEE PROBLEMS - ADEQUACY OF GVN                    . 3495
NOTE      *OTHER HAMLET SELF-HELP                                . 3496
NOTE 15-15 TAX COLLECTION - VIET CONG                            . 3497
NOTE 16-16 TAX COLLECTION - GVN                                  . 3498
NOTE 17-17 US ADVISOR ACCESS - SURFACE                           . 3499
NOTE 18-18 US ADVISOR ACCESS - AIRSTRIP                          . 3500
NOTE 19-19 CONDITION OF MAIN ROUTES                              . 3501
FIELD VCMR   2 X ALPHA.                                            3502
NOTE VC MILITARY REGION IDENTIFIER                               . 3503
FIELD TEAMS  8 X ALPHA.                                            3504
NOTE TEAM IDENTIFIER                                             . 3505
NOTE      1-2  ARVN BATTALIONS                                   . 3506
NOTE      3-4  CAP TEAMS                                         . 3507
NOTE      5-6  RD TEAMS                                          . 3508
NOTE      7-8  TS TEAMS                                          . 3509
NOTE THIS SET WILL CONTAIN ONE SUBSET, IN RECTP 0 DISTRICT       . 3510
NOTE   POPULATION CONTROL FIGURES ARE NON-HAMLET RATED           . 3511
FIELD VCPOP  8 1 NUMER POP.                                        3512
NOTE VIET CONG CONTROL                                           . 3513
FIELD GVPOP  8 1 NUMER POP.                                        3514
NOTE GVN CONTROL                                                 . 3515
FIELD NBPOP  8 1 NUMER POP.                                        3516
NOTE NEITHER/BOTH CONTROL                                        . 3517
FIELD UKPOP  8 1 NUMER POP.                                        3518
NOTE UNKNOWN CONTROL                                             . 3519
FIELD TOPOP  8 1 NUMER POP.                                        3520
```


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```
NOTE TOTAL POPULATION IN DISTRICT NOT INCLUDED IN HAMLET RATING.   3521
GROUP POPU VCPOP,GVPOP,NBPOP,UKPOP,TOPOP NUMER.                    3522
END.                                                               3523
```


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HES 71

Validation of a five record sample of the printout (record numbers 1,20,67,1073 and 2314, including two records for villages and three records for hamlets) indicates that the Agency documentation is complete. However, this validation process pointed out invalid codes for every hamlet record for HQE 3 (position 93) and HQE% (position 95). HCAT (position 38) and VCAT (position 175) includes categories A-E of the HES system as well as the ones given in the HES 71 file detail. An invalid code appeared once in HQG 1 (position 102) and once in VQE 6 (position 215). Finally, field position 269-71 is listed as data element VZ with a reference for coding to VQZ 1, VQZ 3. However, the questionnaire does not list these VQZ questions or appropriate codes.
Additional items were noted during validation:
1. Scattered throughout the records are blank spaces where numbers might be expected. Often the blank may substitute for a "0" (e.g., record 1, data element 37, "Village Non-Hamlet Population," filed location 148). It is also possible, however, that the blanks indicate no answer (see records 1 and 2314, data element 59, "Agriculture," field locations 259-268.)

2. A great many of the data elements pertaining to villages and hamlet population include a letter in the last digit in place of a number. These letters may represent ordinary numbers, but not necessarily in sequential order.

3. Data elements 13 ("Hamlet Category") and 43 ("Village Category") employ letter designations not provided for in the codebook (e.g. "B", "C", "D") These would appear, however, to be valid designations using the Pacification model score: See the User's Guide, page 45. This would also apply to the asterisks used in record 67, data element 25, "Administration", filed locations 93 and 95.

4. In the codebook, data element 68, "Military Control Macromodel," is listed incorrectly as MOD6A;" according to the record layout, it should be "MOD6B."

5. Data element 129, "Village macromodels," is omitted from the record layout, yet it is listed as a field element in the codebook. The dump appears to confirm the record layout.

6. Data element 26, "Political" in record 20 and subsequent records, shows an "8" at field location 100 where a "2" would appear to be the highest number possible, according to question GF5, p. 313 of the codebook. The former number is probably a valid designation for "not applicable" (See the User's Guide, Annex F, p.2), particularly if the answer to the previous question (HQF4, filed location 99) is "0".

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7. Data element 14, "Hamlet Flag 9," in record 20 and subsequent records, shows an "R" at filed location 47 where the User's Guide (Annex F, p.3) says there should be a number and the codebook maintains only that the answer is "alphabetical."

8. Data element 155, "Village Land Tenure Submodel," filed location 372, appears to be included for all hamlet and village records although the data element represents a periodic set for villages only. It appears that the village provides the data element for its constituent hamlets.

9. Data element 23, "Friendly Security" in record 67, field locations 82-84, gives the number "9" when the maximum value allowed by the codebook (pp. 309-10) is "6". As noted above for item #6, the former number is probably a valid designation for "unknown/unable to answer" (see User's guide, Annex F, p.2).

10. There is some discrepancy between dates for villages and constituent hamlets. For example, Hamlet #4 (see record 73) and Hamlet #5 (see record # 83) of Village #1 cover only the period September 1970 - June 1971, while the records for the village itself and Hamlets 1-3 cover the period January 1970 - June 1971. Is this because Hamlets #4 and #5 were only established at the later date, or is there a possibility of prior coverage in an earlier tape?

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Record Length= 372
Prepared by the Center for Electronic Records, 1/6/92

Line No.	Data Element	Field Location	Size
1	CORPS	1	1
2	PROV	2-3	2
3	DIST	4-5	2
4	VILG	6-7	2
5	HAM	8-9	2
6	GROUP (9 CHARACTERS IN FIELDS 1-9)		
7	RECTP	10	1
8	HDATE	11-14	4
9	HPOINT	15-22	8
10	HPOPUL	23-27	5
11	HPERM	28-32	5
12	HTEMP	33-37	5
13	HCAT	38	1
14	FLAG 1	39	1
	FLAG 2	40	1
	FLAG 3	41	1
	FLAG 4	42	1
	FLAG 5	43	1
	FLAG 6	44	1
	FLAG 7	45	1
	FLAG 8	46	1
	FLAG 9	47	1
15	FLAG 10	48	1
16	GROUP (10 CHARACTERS IN FIELDS 39-48)		
17	HMA	49-50	2
18	HMB	51-58	8
19	HMC	59-62	4
20	HMD	63-69	7
21	HA	70-71	2
22	HB	72-74	3
23	HC	75-84	10
24	HD	85-90	6
25	HE	91-95	5
26	HF	96-101	6
27	HG	102-106	5
28	HL	107-109	3
29	HN	110-112	3
30	HP	113-114	2
31	HR	115-119	5
32	HS	120-124	5
33	HZ	125-130	6
34	GROUP (82 CHARACTERS IN FIELDS 49-130)		

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Line No.	Data Element	Field Location	Size
35	VDATE	131-134	4
36	VPOINT	135-142	8
37	VNHPOP	143-148	6
38	VHPOP	149-154	6
39	VPERM	155-160	6
40	VTEMP	161-166	6
41	VTPOP	167-172	6
42	VHCNT	173-174	2
43	VCAT	175	1
44	VFLAG 1	176	1
	VFLAG 2	177	1
	VFLAG 3	178	1
	VFLAG 4	179	1
	VFLAG 5	180	1
	VFLAG 6	181	1
	VFLAG 7	182	1
	VFLAG 8	183	1
	VFLAG 9	184	1
	VFLAG 10	185	1
45	VMB	186-187	2
46	VMC	188-189	2
47	VB	190-194	5
48	VC	195-201	7
49	VD	202-209	8
50	VE	210-218	9
51	VF	219-225	7
52	VG	226-228	3
53	VL	229-236	8
54	VN	237-241	5
55	VP	242-245	4
56	VR	246-248	3
57	VT	249-258	10
58	VV	259-268	10
59	VZ	269-271	3
60	GROUP (86 CHARACTERS FIELDS 186-271)		
61	MDATE	272-275	4
62	MPOPUL	276-281	6
63	MOD8	282	1
64	MOD7A	283	1
65	MOD7B	284	1
66	GROUP (2 CHARACTERS IN FIELDS 283-284)		
67	MOD6A	285	1
68	MOD6B	286	1
69	GROUP (2 CHARACTERS IN FIELDS 285-286)		

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Line No.	Data Element	Field Location	Size
70	MOD5A	287	1
71	MOD5B	288	1
72	MOD5C	289	1
73	MOD5D	290	1
74	MOD5E	291	1
75	MOD5F	292	1
76	GROUP (6 CHARACTERS IN FIELDS 287-292)		
77	MOD4	293	1
78	MOD3A	294	1
79	MOD3B	295	1
80	MOD3C	296	1
81	GROUP (3 CHARACTERS IN FIELDS 294-296)		
82	MOD2A	297	1
83	MOD2B	298	1
84	MOD2C	299	1
85	MOD2D	300	1
86	MOD2E	301	1
87	MOD2F	302	1
88	GROUP (6 CHARACTERS IN FILEDS 297-302)		
89	MOD1A	303	1
90	MOD1B	304	1
91	MOD1C	305	1
92	MOD1D	306	1
93	MOD1E	307	1
94	MOD1F	308	1
95	MOD1G	309	1
96	MOD1H	310	1
97	MOD1I	311	1
98	MOD1J	312	1
99	MOD1K	313	1
100	MOD1L	314	1
101	MOD1M	315	1
102	MOD1N	316	1
103	MOD1O	317	1
104	MOD1P	318	1
105	MOD1Q	319	1
106	MOD1R	320	1
107	MOD1S	321	1
108	GROUP (19 CHARACTERS IN FIELDS 303-321)		
109	VMDATE	322-325	4
110	VMPOPUL	326-331	6
111	VMOD8	332	1
112	VMOD7A	333	1
113	VMOD7B	334	1
114	GROUP (2 CHARACTERS IN FILEDS 333-334)		

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Line No.	Data Element	Field Location	Size
115	VMOD6A	335	1
116	VMOD6B	336	1
117	GROUP (2 CHARACTERS IN FILEDS 335-336)		
118	VMOD5A	337	1
119	VMOD5B	338	1
120	VMOD5C	339	1
121	VMOD5D	340	1
122	VMOD5E	341	1
123	VMOD5F	342	1
124	GROUP (6 CHARACTERS IN FIELDS 118-123)		
125	VMOD4	343	1
126	VMOD3A	344	1
127	VMOD3B	345	1
128	VMOD3C	346	1
129	GROUP (3 CHARACTERS IN FIELDS 344-346)		
130	VMOD2A	347	1
131	VMOD2B	348	1
132	VMOD2C	349	1
133	VMOD2D	350	1
134	VMOD2E	351	1
135	VMOD2F	352	1
136	GROUP (6 CHARACTERS IN FILEDS 347-352)		
137	VMOD1A	353	1
138	VMOD1B	354	1
139	VMOD1C	355	1
140	VMOD1D	356	1
141	VMOD1E	357	1
142	VMOD1F	358	1
143	VMOD1G	359	1
144	VMOD1H	360	1
145	VMOD1I	361	1
146	VMOD1J	362	1
147	VMOD1K	363	1
148	VMOD1L	364	1
149	VMOD1M	365	1
150	VMOD1N	366	1
151	VMOD1O	367	1
152	VMOD1P	368	1
153	VMOD1Q	369	1
154	VMOD1R	370	1
155	VMOD1S	371	1
156	GROUP (19 CHARACTERS IN FIELDS 353-371)		

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HES-71


```
STRUCTURE HES71.                                                        224
                                                                        225
NOTE ANALYST E G MC CLAIN.                                              226
NOTE PROGRAMMER S L JOHNSON.                                            227
NOTE TELEPHONE OX5 7422 .                                               228
NOTE THE HES71 FILE CONTAINS RECORDS ON PACIFICATION PROGRESS     X     229
FOR EACH HAMLET AND VILLAGE IN SVN---THE FILE IS ORGANIZED ON A   X     230
MONTHLY BASIS WITH QUARTERLY EVALUATIONS REITERATED IN            X     231
INTERVENING MONTHS---PERIODIC SET =1 CONTAINS HAMLET LEVEL        X     232
QUESTIONS---PERIODIC SET =2 CONTAINS VILLAGE LEVEL QUESTIONS---   X     233
PERIODIC SET =3 CONTAINS HAMLET AND VILLAGE ONLY MODEL SCORES---  X     234
PERIODIC SET =4 CONTAINS VILLAGE MODEL SCORES.                          235
NOTE EACH PERIODIC SET CONTAINS ONE SUBSET FOR EACH MONTH OF      X     236
DATA COMMENCING WITH JULY 1969.                                         237
NOTE DATA FOR MODELS 5 THRU 8 COMMENCES WITH JANUARY 1970.              238
TABLE MONTS OUTPUT 4 5 ALPHA ALPHA.                                     239
FIELD CORPS 1 C.                                                        240
FIELD PROV 2 C.                                                         241
FIELD DIST 2 C.                                                         242
FIELD VILG 2 C.                                                         243
FIELD HAM 2 C.                                                          244
NOTE CONTAINS 00 IF RECTP IS V.                                         245
GROUP USID CORPS PROV DIST VILG HAM ALPHA.                              246
FIELD RECTP   1 X ALPHA.                                                247
NOTE RECTP H - HAMLET RECORD.                                           248
NOTE RECTP V - VILLAGE RECORD.                                          249
NOTE THE FOLLOWING PERIODIC SET 1 CONTAINS THE NUMERIC RESPONSES  X     250
TO HAMLET LEVEL QUESTIONS --QUARTERLY QUESTIONS ARE PREFIXED BY   X     251
'H' IN THE FIELD NAME --MONTHLY QUESTIONS ARE PREFIXED BY 'HM'    X     252
--WHEN THE H IS DISREGARDED THE FIELD NAME CORRESPONDS TO THE     X     253
HES HANDBOOK ORGANIZATION.                                              254
FIELD HDATE 4 C1 ALPHA MUNTS.                                           255
FIELD HPOINT  8 1 ALPHA.                                                256
FIELD HPOPUL  5 1 NUMER.                                                257
NOTE HAMLET POPULATION.                                                 258
FIELD HPERM 5 1 NUMER.                                                  259
NOTE PERMANENT HAMLET POPULATION.                                       260
FIELD HTEMP 5 1 NUMER.                                                  261
NOTE TEMPORARY HAMLET POPULATION.                                       262
FIELD  HCAT    1 1 ALPHA.                                               263
NOTE V INDICATES VC CONTROL.                                            264
NOTE X INDICATES ABANDONED.                                             265
NOTE P INDICATES PLANNED.                                               266
NOTE THE FOLLOWING HFLAG FIELDS ARE AVAILABLE FOR FUTURE          X     267
EXPANSION.                                                              268
FIELD  HFLAG1  1 1 ALPHA.                                               269
```


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```
FIELD  HFLAG2  1 1 ALPHA.                                                    270
FIELD  HFLAG3  1 1 ALPHA.                                                    271
FIELD  HFLAG4  1 1 ALPHA.                                                    272
FIELD  HFLAG5  1 1 ALPHA.                                                    273
FIELD  HFLAG6  1 1 ALPHA.                                                    274
FIELD  HFLAG7  1 1 ALPHA.                                                    275
FIELD  HFLAG8  1 1 ALPHA.                                                    276
FIELD  HFLAG9  1 1 ALPHA.                                                    277
FIELD  HFLAG10 1 1 ALPHA.                                                    278
NOTE  R - RURAL HAMLET - MARCH 1970 OR LATER DETERMINATION.                  279
NOTE  U - URBAN HAMLET - MARCH 1970 OR LATER DETERMINATION.                  280
GROUP HFLAGS HFLAG1 HFLAG2 HFLAG3 HFLAG4 HFLAG5 HFLAG6 HFLAG7  281
HFLAG8 HFLAG9 HFLAG10.                                                       282
FIELD HMA      2 1 ALPHA.                                                    283
FIELD HMB  8   1  ALPHA.                                                     284
FIELD HMC      4 1 ALPHA.                                                    285
FIELD HMD      7 1 ALPHA.                                                    286
FIELD HA       2 1 ALPHA.                                                    287
FIELD HB       3 1 ALPHA.                                                    288
FIELD HC      10 1 ALPHA.                                                    289
FIELD HD       6 1 ALPHA.                                                    290
FIELD HE       5 1 ALPHA.                                                    291
FIELD HF       6 1 ALPHA.                                                    292
FIELD HG       5 1 ALPHA.                                                    293
FIELD HL       3 1 ALPHA.                                                    294
FIELD HN 3 1 ALPHA.                                                          295
FIELD HP 2 1 ALPHA.                                                          296
FIELD HR       5 1 ALPHA.                                                    297
FIELD HS       5 1 ALPHA.                                                    298
FIELD HZ       6 1 ALPHA.                                                    299
GROUP HMSCOR HMA,HMB,HMC,HMD,HA,HB,HC,HD,HE,HF,HG,HL,HN,                     300
HP,HR,HS,HZ ALPHA.                                                           301
NOTE THE FOLLOWING PERIODIC SET 2 CONTAINS THE NUMERIC RESPONSES X           302
TO VILLAGE LEVEL QUESTIONS --QUARTERLY QUESTIONS ARE PREFIXED BY X           303
'V' IN THE FIELD NAME --MONTHLY QUESTION ARE PREFIXED BY 'VM'    X           304
--WHEN THE V IS DISREGARDED THE FIELD NAME CORRESPONDS TO THE    X           305
HRS HANDBOOK ORGANIZATION.                                                   306
FIELD VDATE 4 C2 ALPHA MONTS.                                                307
FIELD VPOINT  8 2 ALPHA.                                                     308
FIELD VNHPOP 6 2 NUMER.                                                      309
NOTE NON HAMLET POPULATION RESIDING IN VILLAGE.                              310
FIELD VHPOP 6 2 NUMER.                                                       311
NOTE TOTAL HAMLET POPULATION RESIDING IN VILLAGE.                            312
FIELD VPERM 6 2 NUMER.                                                       313
NOTE TOTAL PERMANENT HAMLET POPULATION IN VILLAGE.                           314
FIELD VTEMP 6 2 NUMER.                                                       315
NOTE TOTAL TEMPORARY HAMLET POPULATION IN VILLAGE.                           316
FIELD VTPOP 6 2 NUMER.                                                       317
NOTE TOTAL HAMLET AND NON HAMLET POPULATION RESIDING IN VILLAGE.             318
```


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```
FIELD VHCNT   2 2 NUMER.                                                  319
NOTE TOTAL NUMBER OF HAMLETS IN THE VILLAGE.                              320
FIELD  VCAT    1 2 ALPHA.                                                 321
NOTE V INDICATES VC CONTROL.                                              322
NOTE X INDICATES ABANDONED.                                               323
NOTE P INDICATES PLANNED.                                                 324
NOTE THE FOLLOWING VFLAG FIELDS ARE AVAILABLE FOR FUTURE          X       325
EXPANSION.                                                                326
FIELD  VFLAG1  1 2 ALPHA.                                                 327
FIELD  VFLAG2  1 2 ALPHA.                                                 328
FIELD  VFLAG3  1 2 ALPHA.                                                 329
FIELD  VFLAG4  1 2 ALPHA.                                                 330
FIELD  VFLAG5  1 2 ALPHA.                                                 331
FIELD  VFLAG6  1 2 ALPHA.                                                 332
FIELD  VFLAG7  1 2 ALPHA.                                                 333
FIELD  VFLAG8  1 2 ALPHA.                                                 334
FIELD  VFLAG9  1 2 ALPHA.                                                 335
FIELD  VFLAG10 1 2 ALPHA.                                                 336
GROUP VFLAGS VFLAG1 VFLAG2 VFLAG3 VFLAG4 VFLAG5 VFLAG6 VFLAG7  337
VFLAG8 VFLAG9 VFLAG10.                                                    338
FIELD VMB      2 2 ALPHA.                                                 339
FIELD VMC      2 2 ALPHA.                                                 340
FIELD VB       5 2 ALPHA.                                                 341
FIELD VC       7 2 ALPHA.                                                 342
FIELD VD       8 2 ALPHA.                                                 343
FIELD VE       9 2 ALPHA.                                                 344
FIELD VF       7 2 ALPHA.                                                 345
FIELD VG       3 2 ALPHA.                                                 346
FIELD VL       8 2 ALPHA.                                                 347
FIELD VN       5 2 ALPHA.                                                 348
FIELD VP       4 2 ALPHA.                                                 349
FIELD VR       3 2 ALPHA.                                                 350
FIELD VT      10 2 ALPHA.                                                 351
FIELD  VV      10  2  ALPHA.                                              352
FIELD VZ       3 2 ALPHA.                                                 353
GROUP VMSCOR VMB,VMC,VB,VC,VD,VE,VF,VG,VL,VN,VP,VR,VT,VV,                 354
VZ  ALPHA.                                                                355
NOTE THE FOLLOWING PERIODIC SET 3 CONTAINS THE ALPHABETIC MODEL    X      356
SCORES THAT HAVE BEEN DERIVED FROM THE NUMERIC RESPONSES           X      357
PRESENTED IN SETS 1 AND 2 *** IN RECTP H THE MODEL SCORES          X      358
REFLECT EACH HAMLETS UNIQUE NUMERIC RESPONSES AS WELL AS THE       X      359
PARENT VILLAGE NUMERIC RESPONSES--IE--THE VILLAGE LEVEL QUESTION   X      360
RESPONSES ARE APPLIED TO EACH SUBORDINATE HAMLET***.                      361
NOTE RECTP V CONTAINS THE ALPHABETIC MODEL SCORES THAT HAVE BEEN   X      362
DERIVED FROM VILLAGE LEVEL NUMERIC SCORES PRESENTED IN SET 2 --    X      363
THE MODEL SCORES DIFFER FROM THOSE PRESENTED FOR SET 4 IN THAT     X      364
THEY DO NOT REFLECT HAMLET LEVEL QUESTIONS,NO POPULATION           X      365
WEIGHTING HAS OCCURED,AND THE SCORES PRESENTED ARE ONLY            X      366
APPLICABLE TO THE NON HAMLET POPULATION RESIDING IN THE VILLAGE.          367
```


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```
FIELD MDATE 4 C3 ALPHA MUNTS.                                          368
FIELD MPOPUL 6 3 NUMER.                                                369
NOTE IN RECTP H THE HAMLET POPULATION.                                 370
NOTE IN RECTP V THE NON HAMLET POPULATION RESIDING IN VILLAGE.  371
FIELD   MOD8  1  3  ALPHA.                                             372
NOTE HES RATING MODEL.                                                 373
FIELD   MOD7A 1  3  ALPHA.                                             374
NOTE SECURITY MACROMODEL.                                              375
FIELD   MOD7B 1  3  ALPHA.                                             376
NOTE COMMUNITY DEVELOPMENT MACROMODEL.                                 377
GROUP   MOD7   MOD7A,MOD7B   ALPHA.                                    378
FIELD   MOD6A 1  3  ALPHA.                                             379
NOTE POLITICAL CONTROL MACROMODEL.                                     380
FIELD   MOD6B 1  3  ALPHA.                                             381
NOTE MILITARY CONTROL MODEL.                                           382
GROUP   MOD6   MOD6A,MOD6B   ALPHA.                                    383
FIELD   MOD5A 1  3  ALPHA.                                             384
NOTE ENEMY MILITARY MODEL (HES71).                                     385
FIELD   MOD5B 1  3  ALPHA.                                             386
NOTE FRIENDLY MILITARY MODEL (HES71).                                  387
FIELD   MOD5C 1  3  ALPHA..                                            388
NOTE ENEMY POLITICAL-MODEL (HES71).                                    389
FIELD   MOD5D 1  3  ALPHA.                                             390
NOTE FRIENDLY POLITICAL MODEL (HES71).                                 391
FIELD   MOD5E 1  3  ALPHA.                                             392
NOTE POLITICAL PROGRAMS MODEL.                                         393
FIELD   MOD5F 1  3  ALPHA.                                             394
NOTE SOCIAL PROGRAMS MODEL.                                            395
GROUP   MOD5   MOD5A,MOD5B,MOD5C,MOD5D,MOD5E,MOD5F   ALPHA.  396
FIELD MOD4  1 3.                                                       397
NOTE PACIFICATION MODEL.                                               398
FIELD MOD3A 1 3.                                                       399
NOTE SECURITY MACROMODEL.                                              400
FIELD MOD3B 1 3.                                                       401
NOTE POLITICAL MACROMODEL.                                             402
FIELD MOD3C 1 3.                                                       403
NOTE SOCIO ECONOMIC MACROMODEL.                                        404
GROUP MOD3 MOD3a MOD3B MOD3C.                                          405
FIELD MOD2A 1 3.                                                       406
NOTE ENEMY MILITARY MODEL.                                             407
FIELD MOD2B 1 3.                                                       408
NOTE FRIENDLY SECURITY MODEL.                                          409
FIELD MOD2C 1 3.                                                       410
NOTE ENEMY POLITICAL MODEL.                                            411
FIELD MOD2D 1 3.                                                       412
NOTE GVN POLITICAL MODEL.                                              413
FIELD MOD3E 1 3.                                                       414
NOTE SOCIAL MODEL.                                                     415
FIELD MOD2F 1 3.                                                       416
```


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```
NOTE ECONOMIC MODEL.                                                    417
GROUP MOD2 MOD2A MOD2B MOD2C MOD2D MOD2E MOD2F.                         418
FIELD MOD1A 1 3.                                                        419
NOTE ENEMY MILITARY PRESENCE SUBMODEL.                                  420
FIELD MOD1B 1 3.                                                        421
NOTE ENEMY MILITARY ACTIVITY SUBMODEL.                                  422
FIELD MOD1C 1 3.                                                        423
NOTE IMPACT OF MILITARY ACTIVITY SUBMODEL.                              424
FIELD MOD1D 1 3.                                                        425
NOTE FRIENDLY MILITARY PRESENCE SUBMODEL.                               426
FIELD MOD1E 1 3.                                                        427
NOTE FRIENDLY MILITARY ACTIVITY SUBMODEL.                               428
FIELD MOD1F 1 3.                                                        429
NOTE LAW ENFORCEMENT SUBMODEL.                                          430
FIELD MOD1G 1 3.                                                        431
NOTE PSDF ACTIVITY SUBMODEL.                                            432
FIELD MOD1H 1 3.                                                        433
NOTE ENEMY POLITICAL PRESENCE SUBMODEL.                                 434
FIELD MOD1I 1 3.                                                        435
NOTE ENEMY POLITICAL ACTIVITY SUBMODEL.                                 436
FIELD MOD1J 1 3.                                                        437
NOTE ADMINISTRATION SUBMODEL.                                           438
FIELD MOD1K 1 3.                                                        439
NOTE RD CADRE SUBMODEL.                                                 440
FIELD MOD1L 1 3.                                                        441
NOTE INFORMATION PSYOPS SUBMODEL.                                       442
FIELD MOD1M 1 3.                                                        443
NOTE POLITICAL MOBILIZATON SUBMODEL.                                    444
FIELD MOD1N 1 3.                                                        445
NOTE PUBLIC HEALTH SUBMODEL.                                            446
FIELD MOD1O 1 3.                                                        447
NOTE EDUCATION SUBMODEL.                                                448
FIELD MOD1P 1 3.                                                        449
NOTE SOCIAL WELFARE SUBMODEL.                                           450
FIELD MOD1Q 1 3.                                                        451
NOTE DEVELOPMENTAL ASSISTANCE SUBMODEL.                                 452
FIELD MOD1R 1 3.                                                        453
NOTE ECONOMIC ACTIVITY SUBMODEL.                                        454
FIELD MOD1S 1 3.                                                        455
NOTE LAND  TENURE SUBMODEL.                                             456
GROUP MOD1 MOD1A MOD1B MOD1C MOD1D MOD1E MOD1F MOD1G MOD1H              457
MOD1I MOD1J MOD1K MOD1L MOD1M MOD1N MOD1O MOD1P MOD1Q MOD1R             458
MOD1S.                                                                  459
NOTE IN THE FOLLOWING PERIODIC SET 4 THE MODEL SCORES REFLECT     X     460
A COMPOSITE OF THE HAMLET MODEL SCORES IN SET 3--RECTP H--        X     461
AFTER THEY HAVE BEEN WEIGHTED BY HAMLET POPULATION AND THE        X     462
VILLAGE ONLY MODEL SCORES IN SET 3--RECTP V--AFTER THEY HAVE       X     463
BEEN WEIGHTED BY NON HAMLET POPULATION.                                 464
FIELD VMDATE 4 C4 ALPHA MONTS.                                          465
```


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```
FIELD VMPOPUL 6 4 NUMER.                                                    466
NOTE THE TOTAL HAMLET AND NON HAMLET POPULATION RESIDING IN          X      467
VILLAGE.                                                                    468
FIELD  VMOD8  1  4  ALPHA.                                                  469
NOTE HES RATING MODEL.                                                      470
FIELD  VMOD7A 1  4  ALPHA.                                                  471
NOTE SECURITY MACROMODEL.                                                   472
FIELD  VMOD7B 1  4  ALPHA.                                                  473
NOTE COMMUNITY DEVELOPMENT MACROMODEL.                                      474
GROUP   VMOD7   VMOD7A,VMOD7B    ALPHA.                                     475
FIELD  VMOD6A 1  4  ALPHA.                                                  476
NOTE POLITICAL CONTROL MACROMODEL.                                          477
FIELD  VMOD6B 1  4  ALPHA.                                                  478
NOTE MILITARY CONTROL MODEL.                                                479
GROUP   VMOD6    VMOD6A,VMOD6B   ALPHA.                                     480
FIELD  VMOD5A 1  4  ALPHA.                                                  481
NOTE ENEMY MILITARY MODEL (HES71).                                          482
FIELD  VMOD5B 1  4  ALPHA.                                                  483
NOTE FRIENDLY MILITARY MODEL (HES71).                                       484
FIELD  VMOD5C 1  4  ALPHA.                                                  485
NOTE ENEMY POLITICAL MODEL (HES71).                                         486
FIELD  VMOD5D 1  4  ALPHA.                                                  487
NOTE FRIENDLY POLITICAL MODEL (HES71).                                      488
FIELD  VMOD5E 1  4  ALPHA.                                                  489
NOTE POLITICAL PROGRAMS MODEL.                                              490
FIELD  VMOD5F 1  4  ALPHA.                                                  491
NOTE SOCIAL PROGRAMS MODEL.                                                 492
GROUP   VMOD5   VMOD5A,VMOD5B,VMOD5C,VNOD5D,VMOD5E,                        493
VMOD5F  ALPHA.                                                              494
FIELD VMOD4 1 4.                                                            495
FIELD VMOD3A 1 4.                                                           496
FIELD VMOD3B 1 4.                                                           497
FIELD VMOD3C 1 4.                                                           498
GROUP VMOD3 VMOD3A VMOD3B VMOD3C.                                           499
FIELD VMOD2A 1 4.                                                           500
FIELD VMOD2B 1 4.                                                           501
FIELD VMOD2C 1 4.                                                           502
FIELD VMOD2D 1 4.                                                           503
FIELD VMOD2E 1 4.                                                           504
FIELD VMOD2F 1 4.                                                           505
GROUP VMOD2 VMOD2A VMOD2B VMOD2C VMOD2D VMOD2E VMOD2F.                      506
FIELD VMOD1A 1 4.                                                           507
FIELD VMOD1B 1 4.                                                           508
FIELD VMOD1C 1 4.                                                           509
FIELD VMOD1D 1 4.                                                           510
FIELD VMOD1E 1 4.                                                           511
FIELD VMOD1F 1 4.                                                           512
FIELD VMOD1G 1 4.                                                           513
FIELD VMOD1H 1 4.                                                           514
```


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FIELD VMOD1I 1 4.                                                    515
FIELD VMOD1J 1 4.                                                    516
FIELD VMOD1K 1 4.                                                    517
FIELD VMOD1L 1 4.                                                    518
FIELD VMOD1M 1 4.                                                    519
FIELD VMOD1N 1 4.                                                    520
FIELD VMOD1O 1 4.                                                    521
FIELD VMOD1P 1 4.                                                    522
FIELD VMOD1Q 1 4.                                                    523
FIELD VMOD1R 1 4.                                                    524
FIELD VMOD1S 1 4.                                                    525
GROUP VMOD1 VMOD1A VMOD1B VMOD1C VMOD1D VMOD1E VMOD1F VMOD1G         526
VMOD1H VMOD1I VMOD1J VMOD1K VMOD1L VMOD1M VMOD1N VMOD1O VMOD1P  527
VMOD1Q VMOD1R VMOD1S.                                                528
ENDFS.                                                               529
```


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CHAPTER 3

HES'11

773

FILE DETAILS

775

The four files in NMCS-HES contain unique field/group names. 778
Each file has a complete "File Details" section in this 779
chapter. Since the VSSG, QHES70, and ADHES70 files are 780
derived from HES71, there is a similarity in field names and 781
often a direct relationship between similar field names 782
across the files. Appendix A describes in detail the 168 783
questions and 40 model levels of HES71. Whenever QHES70, 784
VSSG, or ADHES70 utilize these questions or models, Appendix 785
A is referenced as a link to HES71.

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788

790

797

Control Set

799

1. Corps Identification Code

801

ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES
CORPS	Field	1	Alpha	1-4

802

804

806

This control field contains the U.S. identification number for the corps in which a hamlet is located.

807

809

2. Province Identification Code

811

PROV	Field	2	Alpha	01-99

813

This control field contains the U.S. identification number for the province in which a hamlet is located. Province codes are unique throughout South Vietnam.

814

815

817

3. District Code

819

DT	Field	2	Alpha	00-99

821

This control field contains the U.S. identification number for the district in which a hamlet is located. District codes are unique only within each province.

822

823

825

4. Village Code

827

VILG	Field	2	Alpha	00-99

829

This control field contains the U.S. identification number for the village in which a hamlet is located. Village codes are unique only within each district.

830

831

833

5. Hamlet Code

835

HAM	Field	2	Alpha	00-99

837

This control field contains the U.S. identification number for the hamlet. Hamlet codes are unique only within each village.

838

839

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
6. U. S. Identification Code					841
ID	Group	9	Alpha	CPPDDVVHH	843

This record control group identifies each hamlet uniquely within South Vietnam. It includes the CORPS, PROV, DIST, VILG, HAM fields. 845 846 847

Fixed Set 849

7. Record Type 851

RECTP	Field	1	Alpha	H, V	853

This fixed field identifies each record as containing hamlet data (H) or village data (V). 855 856

Periodic Set 1 858

This Periodic Set contains the numeric responses to hamlet level questions. It is only present for hamlet records (RECTP = H). 860 861 862

8. Hamlet Date 864

HDATE	Field	1	Alpha	YYMM	866

This field indicates the month and year of the hamlet data. 868 869

9. Hamlet UTM Coordinate 871

HPOINT	Field	8	Alpha	873

This field indicates the UTM coordinate representing the hamlet's location. 875 876

10. Hamlet Population 878

HPOPUL	Field	5	Numer	880

This field contains the hamlet population - both temporary and permanent. 882 883

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ID	GROUP	LENGTH	CODE	DATA VALUES

11. Permanent Hamlet Population

HPERM	Field	5	Numer	

12. Temporary Hamlet Population

HTEMP	Field	5	Numer	

13. Hamlet Category

HCAT	Field	1	Alpha	V, X, P

This field indicates if the hamlet falls into any of the following hamlet categories:

V indicates VC Control
X indicates Abandoned
P indicates Planned

14. The following fields are available for expansion:

HFLAG1	Field	1	Alpha
HFLAG2	Field	1	Alpha
HFLAG3	Field	1	Alpha
HFLAG4	Field	1	Alpha
HFLAG5	Field	1	Alpha
HFLAG6	Field	1	Alpha
HFLAG7	Field	1	Alpha
HFLAG8	Field	1	Alpha
HFLAG9	Field	1	Alpha

15. Urban/Rural Flag

HFLAG10	Field	1	Alpha	U, R

This field indicates if the hamlet is urban (U), undetermined (*), or rural (R) based on a March 1970 or later determination. See Appendix I for urban/rural differentiation.

16. Hamlet Flags

HFLAGS	Group	10	Alpha

This group is comprised of nine expansion fields and the field which contains the urban/rural flag.

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FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
				932
General (Monthly)				
17 Field	2	Alpha	See Below	934
				936
Position	Reference Code in Appendix A			937
1-1	HMA1			938
2-2	HMA2			
				940
Enemy Activities				
18 Field	8	Alpha	See Below	942
				944
Position	Reference Code in Appendix A			945
1-1	HMB1			946
2-2	HMB2			947
3-3	HMB3			948
4-4	HMB4			949
5-5	HMB5			950
6-6	HMB6			951
7-7	HMB7			952
8-8	HMB8			
				954
Friendly Activities				
19 Field	4	Alpha	See Below	956
				958
Position	Reference Code in Appendix A			959
1-1	HMC1			960
2-2	HMC2			961
3-3	HMC3			962
4-4	HMC4			
				964
Impact of Military Action				
20 Field	7	Alpha	See Below	966
				968
Position	Reference Code in Appendix A			969
1-1	HMD1			970
2-2	HMD2			971
3-3	HMD3			972
4-4	HMD4			973
5-5	HMD5			974
6-6	HMD6			975
7-7	HMD7			

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ID	GROUP	LENGTH	CODE	DATA VALUES	
21.	General (Quarterly)				977
HA	Field	2	Alpha	See Below	979
	Position	Reference Code in Appendix A			981
	1-1	HQA1			982
	2-2	HQA2			983
22.	Enemy Presence				985
HB	Field	3	Alpha	See Below	987
	Position	Reference Code in Appendix A			989
	1-1	HQB			990
	2-2	HQB2			991
	3-3	HQB3			992
23.	Friendly Security				994
HC	Field	10	Alpha	See Below	996
	Position	Reference Code in Appendix A			998
	1-1	HQC1			999
	2-2	HQC2			1000
	3-3	HQC3			1001
	4-4	HQC4			1002
	5-5	HQC5			1003
	6-6	HQC6			1004
	7-7	HQC7			1005
	8-8	HQC8			1006
	9-9	HQC9			1007
	10-10	HQCA			1008
24.	Law Enforcement				1010
HD	Field	6	Alpha	See Below	1012
	Position	Reference Code in Appendix A			1014
	1-1	HQD1			1015
	2-2	HQD2			1016
	3-3	HQD3			1017
	4-4	HQD4			1018
	5-5	HQD5			1019
	6-6	HQD6			1020
25.	Administration				1022

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
HF	Field	5	Alpha	See Below	1024
	Position	Reference Code in Appendix A			1026
	1-1	HQE1			1027
	2-2	HQE2			1028
	3-3	HQE3			1029
	4-4	HQE4			1030
	5-5	HQE5			1031
26.	Political				1033
HF	Field	6	Alpha	See Below	1035
	Position	Reference Code in Appendix A			1037
	1-1	HQF1			1038
	2-2	HQF2			1039
	3-3	HQF3			1040
	4-4	HQF4			1041
	5-5	HQF5			1042
	6-6	HQF6			1043
27.	Information/PSYOPS				1045
HG	Field	15	Alpha	See Below	1047
	Position	Reference Code in Appendix A			1049
	1-1	HQG1			1050
	2-2	HQG2			1051
	3-3	HQG3			1052
	4-4	HQG4			1053
	5-5	HQG5			1054
28.	Economic Activity				1056
HL	Field	3	Alpha	See Below	1058
	Position	Reference Code in Appendix A			1060
	1-1	HQL1			1061
	2-2	HQL2			1062
	3-3	HQL3			1063
29.	Development Projects				1065
HN	Field	3	Alpha	See Below	1067

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
	Position	Reference Code in Appendix A			1069
	1-1	HQN1			1070
	2-2	HQN2			1071
	3-3	HQN3			1072
30.	Public Health				1074
HP	Field	2	Alpha	See Below	1076
	Position	Reference Code in Appendix A			1078
	1-1	HQP1			1079
	2-2	HQP2			1080
31.	Education				1082
HR	Field	5	Alpha	See Below	1084
	Position	Reference Code in Appendix A			1086
	1-1	HQR1			1087
	2-2	HQR2			1088
	3-3	HQR3			1089
	4-4	HQR4			1090
	5-5	HQR5			1091
32.	Social Welfare				1093
HS	Field	5	Alpha	See Below	1095
	Position	Reference Code in Appendix A			1097
	1-1	HQS1			1098
	2-2	HQS2			1099
	3-3	HQS3			1100
	4-4	HQS4			1101
	5-5	HQS5			1102
33.	Background				1104
HZ	Field	6	Alpha	See Below	1106
	Position	Reference Code in Appendix A			1108
	1-1	HQZ1			1109
	2-2	HQZ2			1110
	3-3	HQZ3			1111
	4-4	HQZ4			1112
	5-5	HQZ5			1113
	6-6	HQZ6			1114

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
					1116
34. Hamlet Scores					
HMSCOR	Group	82	Alpha	0-9	1118
This group contains the 82 questions answered about each hamlet.					1120 1121
					1123
Periodic Set 2					
This set contains the numeric responses to village level questions. It is present for only village records (RECTP = V).					1125 1126 1127
					1129
35. Village Data					
VDATE	Field	4	Alpha	YYMM	1131
This field contains the date of the data describing the village.					1133 1134
					1136
36. Village UTM Coordinate					
VPOINT	Field	8	Alpha		1138
This field contains the UTM Coordinate of the village location.					1140 1141
					1143
37. Non-Hamlet Population					
VNHPOP	Field	6	Numer		1145
This field contains the non-hamlet population residing in the village.					1147 1148
					1150
38. Hamlet Population					
VHPOP	Field	6	Numer		1152
This field contains the total hamlet population residing in the village.					1154 1155
					1157
39. Permanent Hamlet Population					
VPERM	Field	6	Numer		1159

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FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
This field contains the total permanent hamlet				1161
ation residing in the village.				1162
Temporary Hamlet Population				1164
Field	6	Numer		1166
This field contains the total temporary hamlet				1168
ation residing in the village.				1169
Total Population				1171
Field	6	Numer		1173
This field contains the total hamlet and non-hamlet				1175
ation residing in the village.				1176
Hamlet Count				1178
Field	2	Numer		1180
This field contains the total number of hamlets				1182
village.				1183
Village Category				1185
Field	1	Alpha	X, N, P	1187
This field indicates if the village falls into any				1189
following categories:				1190
V indicates VC Control				1192
X indicates Abandoned				1193
P indicates Planned				1194
The following fields are available for expansion:				1196
Field	1	Alpha		1198
Field	1	Alpha		1199
Field	1	Alpha		1200
Field	1	Alpha		1201
Field	1	Alpha		1202
Field	1	Alpha		1203
Field	1	Alpha		1204
Field	1	Alpha		1205
Field	1	Alpha		1206

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D	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
VV FLAG10	Field	1	Alpha		1207

The VFLAGS group is comprised of the ten expansion fields. 1209 1210

45. 8. Enemy Activities 1212

VB	Field	2	Alpha	See Below	1214

Position	Reference Code in Appendix A	
		1216
1-1	VMB1	1217
2-2	VMB2	1218

46. 8. Friendly Activities 1220

VC	Field	2	Alpha	See Below	1222

Position	Reference Code in Appendix A	
		1224
1-1	VMC1	1225
2-2	VMC2	1226

47. 7. Enemy Presence 1228

VB 3	Field	5	Alpha	See Below	1230

Position	Reference Code in Appendix A	
		1232
1	VQB1	1233
2	VQB2	1234
3-3	VQB3	1235
4-4	VQB4	1236
5-5	VQB5	1237

48. 8. Friendly Security 1239

VC C	Field	7	Alpha	See Below	1241

Position	Reference Code in Appendix A	
		1243
1-1	VQC1	1244
2-2	VQC2	1245
3-3	VQC3	1246
4-4	VQC4	1247
5-5	VQC5	1248
6-6	VQC6	1249
7-7	VQC7	1250

49. 9. VD Law Enforcement 1252

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
/D	Field	8	Alpha	See Below	1254
	Position	Reference Code in Appendix A			1256
	1-1	VQD1			1257
	2-2	VQD2			1258
	3-3	VQD3			1259
	4-4	VQD4			1260
	5-5	VQD5			1261
	6-6	VQD6			1262
	7-7	VQD7			1263
	8-8	VQD8			1264
50.	Administration				1266
VE	Field	9	Alpha	See Below	1268
	Position	Reference Code in Appendix A			1270
	1-1	VQE1			1271
	2-2	VQE2			1272
	3-3	VQE3			1273
	4-4	VQE4			1274
	5-5	VQE5			1275
	6-6	VQE6			1276
	7-7	VQE7			1277
	8-8	VQE8			1278
	9	VQE9			1279
51.					
1.	Political				1281
'F	Field	7	Alpha	See Below	1283
	Position	Reference Code in Appendix A			1285
	1-1	VQF1			1286
	2-2	VQF2			1287
	3-3	VQF3			1288
	4-4	VQF4			1289
	5-5	VQF5			1290
	6-6	VQF6			1291
	7-7	VQF7			1292
52.					
2.	Information/PSYOPS				1294
G	Field	3	Alpha	See Below	1296
	Position	Reference Code in Appendix A			1298

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
	1-1		VQG1		1299
	2-2		VQG2		1300
	3-3		VQG3		1301
53.	Economic Activity				1303
VL	Field	8	Alpha	See Below	1305
	Position	Reference Code in Appendix A			1307
	1-1	VQL1			1308
	2-2	VQL2			1309
	3-3	VQL3			1310
	4-4	VQL4			1311
	5-5	VQL5			1312
	6-6	VQL6			1313
	7-7	VQL7			1314
	8-8	VQL8			1315
54.	Development Projects				1317
VN	Field	5	Alpha	See Below	1319
	Position	Reference Code in Appendix A			1321
	1-1	VQN1			1322
	2-2	VQN2			1323
	3-3	VQN3			1324
	4-4	VQN4			1325
	5-5	VQN5			1326
55.	Public Health				1328
VP	Field	4	Alpha	See Below	1330
	Position	Reference Code in Appendix A			1332
	1-1	VQP1			1333
	2-2	VQP2			1334
	3-3	VQP3			1335
	4-4	VQP4			1336
56.	Education				1338
VR	Field	3	Alpha	See Below	1340
	Position	Reference Code in Appendix A			1342
	1-1	VQR1			1343
	2-2	VQR2			1344

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
	3-3		VQR3		1345
57.	Land Tenure				1347
VT	Field	10	Alpha	See Below	1349
	Position	Reference Code in Appendix A			1351
	1-1	VQT1			1352
	2-2	VQT2			1353
	3-3	VQT3			1354
	4-4	VQT4			1355
	5-5	VQT5			1356
	6-6	VQT6			1357
	7-7	VQT7			1358
	8-8	VQT8			359
	9-9	VQT9			360
	10-10	VQTA			361
58.	Background				363
VZ	Field	3	Alpha	See Below	365
	Position	Reference Code in Appendix A			1367
	1-1	VQZ1			1368
	2-2	VQZ2			1369
	3-3	VQZ3			1370
59.	Agriculture				1372
VV	Field	10	Alpha	See Below	1374
	Position	Reference Code in Appendix A			1376
	1-1	VQV1			1377
	2-2	VQV2			1378
	3-3	VQV3			1379
	4-4	VQV4			1380
	5-5	VQV5			1381
	6-6	VQV6			1382
	7-7	VQV7			1383
	8-8	VQV8			1384
	9-9	VQV9			1385
	10-10	VQVA			1386
60.	Village Scores				1388
VMSCOR	Group	86	Alpha		1390

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES
86				This group contains the numeric responses to the village questions.

Periodic Set 3

This set contains the alphabetic model scores that have been derived from the numeric responses presented in Sets 1 and 2. In hamlet records (RECTP = H), the model scores reflect each hamlet's unique numeric responses as well as the parent village numeric responses - i.e., the village level question responses are applied to each subordinate hamlet. Village records (RECTP = V) contains the alphabetic model scores derived from village level numeric scores presented in Set 2. These model scores differ from those presented in Set 4 in that they do not reflect hamlet level questions, no population weighting has occurred, and the scores presented are only applicable to the non-hamlet population residing in the village.

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
61	Model Date				1413
MDATE	Field	4	Alpha	YYMM	1415
	This field contains the date of the model data.				1417
62.	Model Population				1419
MPOPUL	Field	6	Numer		1421
	This field contains the population to which the model scores are applied. In hamlet records (RECTP = H), the field contains hamlet population residing in the hamlet. In village records (RECTP = V), it contains the total non-hamlet population residing in the village.				1423 1424 1425 1426 1427
63.	HES Rating Model				1429
MOD8	Field	1	Alpha	A-E, X, N, V	1431
64.	Security Macromodel				1433
MOD7A	Field	1	Alpha	A-E, X, N	1435
65.	Community Development Macromodel				1437
MO	Field	1	Alpha	A-E, X, N	1439
66.	Macromodels (1971)				1441
MOD7	Group	2	Alpha		1443
67.	Political Control Macromodel				1445
MOD6A	Field	1	Alpha	A-E, X, N	1447
68.	Military Control Macromodel				1449
MOD6B	Field	1	Alpha	A-E, X, N	1451
69.	Macromodels (1971)				1453
MOD6	Group	2	Alpha		1455
70.	Enemy Military Model (1971)				1457

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
MOD5A	Field	1	Alpha	A-E, X, N	1459
71. Friendly Military Model (1971)					1461
MOD5B	Field	1	Alpha	A-E, X, N	1463
72. Enemy Political Model (1971)					1465
MOD5C	Field	1	Alpha	A-E, X, N	1467
73. Friendly Political Model (1971)					1469
MOD5D	Field	1	Alpha	A-E, X, N	1471
74. Political Programs Model (1971)					1473
MOD5E	Field	1	Alpha	A-E, X, N	1475
75. Social Programs Model (1971)					1477
MOD5F	Field	1	Alpha	A-E, X, N	1479
76. Models (1971)					1481
MOD5	Group	6	Alpha		1483
77. Pacification Model					1485
MOD4	Field	1	Alpha	A-E, X, N, V	1487
78. Security Macro Model					1489
MOD3A	Field	1	Alpha	A-E, X, N	1491
79. Political Macro Model					1493
MOD3B	Field	1	Alpha	A-E, X, N	1495
80. Socio Economic Macro Model					1497
MOD3C	Field	1	Alpha	A-E, X, N	1499
81. Macromodels					1501
MOD3	Group	3	Alpha	A-E, X, N	1503

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
This group contains the three Macromodels - Security, Political, and Socio Economic.					1505 1506
82. Enemy Military Model (1970)					1508
MOD2A	Field	1	Alpha	A-E, X, N	1510
83. Friendly Security Model (1970)					1512
MOD2B	Field	1	Alpha	A-E, X, N	1514
84. Enemy Political Model (1970)					1516
MOD2C	Field	1	Alpha	A-E, X, N	1518
85. GVN Political Model (1970)					1520
MOD2D	Field	1	Alpha	A-E, X, N	1522
86. Social Model					1524
MOD2E	Field	1	Alpha	A-E, X, N	1526
87. Economic Model					1528
MOD2F	Field	1	Alpha	A-E, X, N	1530
88. Models					1532
MOD2	Group	6	Alpha	A-E, X, N	1534
89. Enemy Military Presence Submodel					1536
MOD1A	Field	1	Alpha	A-E, X, N	1538
90. Enemy Military Activity Submodel					1540
MOD1B	Field	1	Alpha	A-E, X, N	1542
91. Impact of Military Activity Submodel					1544
MOD1C	Field	1	Alpha	A-E, X, N	1546
92. Friendly Military Presence Submodel					1548
MOD1D	Field	1	Alpha	A-E, X, N	1550

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
93. Friendly Military Activity Submodel					1552
MOD1E	Field	1	Alpha	A-E, X, N	1554
94. Law Enforcement Submodel					1556
MOD1F	Field	1	Alpha	A-E, X, N	1558
95. PSDF Activity Submodel					1560
MOD1G	Field	1	Alpha	A-E, X, N	1562
96. Enemy Political Presence Submodel					1564
MOD1H	Field	1	Alpha	A-E, X, N	1566
97. Enemy Political Activity Submodel					1568
MOD1I	Field	1	Alpha	A-E, X, N	1570
98. Administration Submodel					1572
MOD1J	Field	1	Alpha	A-E, X, N	1574
99. RD Cadre Submodel					1576
MOD1K	Field	1	Alpha	A-E, X, N	1578
100. Information PSYOPS Submodel					1580
MOD1L	Field	1	Alpha	A-E, X, N	1582
101. Political Mobilization Submodel					1584
MOD1M	Field	1	Alpha	A-E, X, N	1586
102. Public Health Submodel					1588
MOD1N	Field	1	Alpha	A-E, X, N	1590
103. Education Submodel					1592
MOD1O	Field	1	Alpha	A-E, X, N	1594
104. Social Welfare Submodel					1596

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
MC P	Field	1	Alpha	A-E, X, N	1598
105. Development Assistance Submodel					1600
MOD1Q	Field	1	Alpha	A-E, X, N	1602
106. Economic Activity Submodel					1604
MOD1R	Field	1	Alpha	A-E, X, N	1606
107. Land Tenure Submodel					1608
MOD1S	Field	1	Alpha	A-E, X, N	1610
108. Submodels					1612
MOD1	Group	19	Alpha	A-E, X, N	1614

This group contains the 19 submodels. 1616

Periodic Set 4 1618

Periodic Set 4 contains the model scores which reflect a composite of the hamlet model scores in Set 3, of the hamlet records (RECTP = H) after they have been weighted by hamlet population, and the village only model scores in Set 3 the Village records (RECTP = V) after they have been weighted by the non-hamlet population. Set 4 exists only for village records. 1621 1622 1623 1624 1625 1626 1627

109. Village Model Date					1630
VMDATE	Field	4	Alpha	YYMM	1632
110. Village Population					1634
VMPOPUL	Field	6	Numer		1636
111. HES Rating Model					1638
VMOD8	Field	1	Alpha	A-E, X, N	1640
112. Security Macromodel					1642
VMOD7A	Field	1	Alpha	A-E, X, N	1644

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
113. 13.	Community Development Macromodel				1646
MOD7B	Field	1	Alpha	A-E, X, N	1648
114. 14.	Macromodels (1971)				1650
MOD7	Group	2	Alpha		1652
115. 15.	Political Control Macromodel				1654
MOD6A	Field	1	Alpha	A-E, X, N	1656
116. 16.	Military Control Macromodel				1658
MOD6B	Field	1	Alpha	A-E, X, N	1660
117. 17.	Macromodels (1971)				1662
MOD6	Group	2	Alpha		1664
118. 18.	Enemy Military Model (1971)				1666
MOD5A	Field	1	Alpha	A-E, X, N	1668
119. 19.	Friendly Military Model (1971)				1670
MOD5	Field	1	Alpha	A-E, X, N	1672
120. 20.	Enemy Political Model (1971)				1674
MOD5C	Field	1	Alpha	A-E, X, N	1676
121. 21.	Friendly Political Model (1971)				1678
MOD5D	Field	1	Alpha	A-E, X, N	1680
122. 22.	Political Programs Model (1971)				1682
MOD5E	Field	1	Alpha	A-E, X, N	1684
123. 23.	Social Programs Model (1971)				1686
MOD5F	Field	1	Alpha	A-E, X, N	1688
124. 24.	Models (1971)				1690

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
V 5	Group	6	Alpha		1692
125. Village Pacification Model					1694
VMOD4	Field	1	Alpha	A-E, X, N	1696
126. Village Security Macro Model					1698
VMOD3A	Field	1	Alpha	A-E, X, N	1700
127. Village Political Macro Model					1702
VMOD3B	Field	1	Alpha	A-E, X, N.	1704
128. Village Socio Economic Macromodel					1706
VMOD3C	Field	1	Alpha	A-E, X, N	1708
129. Village Macromodels					1710
VMOD3	Field (Group?)	3	Alpha	A-E, X, N	1712
130. Village Enemy Military Model					1714
VMOD2A	Field	1	Alpha	A-E, X, N	1716
13. Village Friendly Security Model					1718
VMOD2B	Field	1	Alpha	A-E, X, N	1720
132. Village Enemy Political Model					1722
VMOD2C	Field	1	Alpha	A-E, X, N	1724
133. Village GVN Political Model					1726
VMOD2D	Field	1	Alpha	A-E, X, N	1728
134. Village Social Model					1730
VMOD2E	Field	1	Alpha	A-E, X, N	1732
135. Village Economic Model					1734
VMOD2F	Field	1	Alpha	A-E, X, N	1736

129 VMOD3 Type > Should be group

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
136. Village Models					1738
VMOD2	Group	6	Alpha	A-E, X, N	1740
137. Village Enemy Presence Submodel					1742
VMOD1A	Field	1	Alpha	A-E, X, N	1744
138. Village Enemy Military Activity Submodel					1746
VMOD1B	Field	1	Alpha	A-E, X, N	1748
139. Impact of Village Military Activity Submodel					1750
VMOD1C	Field	1	Alpha	A-E, X, N	1752
140. Village Friendly Military Presence Submodel					1754
VMOD1D	Field	1	Alpha	A-E, X, N	1756
141. Village Friendly Military Activity Submodel					1758
VMOD1E	Field	1	Alpha	A-E, X, N	1760
142. Village Law Enforcement Submodel					1762
VMOD1F	Field	1	Alpha	A-E, X, N	1764
143. Village PSDF Activity Submodel					1766
VMOD1G	Field	1	Alpha	A-E, X, N	1768
144. Village Enemy Political Presence Submodel					1770
VMOD1H	Field	1	Alpha	A-E, X, N	1772
145. Village Enemy Political Activity Submodel					1774
VMOD1I	Field	1	Alpha	A-E, X, N	1776
146. Village Administration Submodel					1778
VMOD1J	Field	1	Alpha	A-E, X, N	1780
147. Village RL Cadre Submodel					1782

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ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
147					
VM OD1K	Field	1	Alpha	A-E, X, N	1784
148. Village Information PSYOPS Submodel					1786
VMOD1L	Field	1	Alpha	A-E, X, N	1788
149. Village Political Mobilization Submodel					1790
VMOD1M	Field	1	Alpha	A-E, X, N	1792
150. Village Public Health Submodel					1794
VMOD1N	Field	1	Alpha	A-E, X, N.	1796
151. Village Education Submodel					1798
VMOD1O	Field	1	Alpha	A-E, X, N	1800
152. Village Social Welfare Submodel					1802
VMOD1P	Field	1	Alpha	A-E, X, N	1804
153. Village Development Assistance Submodel					1806
VMOD1Q	Field	1	Alpha	A-E, X, N	1808
.54. Village Economic Activity Submodel					1810
VMOD1R	Field	1	Alpha	A-E, X, N	1812
155. Village Land Tenure Submodel					1814
VMOD1S	Field	1	Alpha	A-E, X, N	1816
156. Village Submodels					1818
VMOD1	Group	19	Alpha	A-E, X, N	1820
This group contains the 19 village submodels.					1822

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National Military Command Systems

APPENDIX A

NMCS-HES QUESTION CODES, QUESTIONS, AND RESPONSES

Code	Data Elements and Values
HMA1	Did any US advisory personnel visit this hamlet during the month?
	0. No
	1. Yes, but for short duration only
	2. Yes, frequent visits of short duration only
	3. Yes, at least one extended visit (one hour or more)
	4. Yes, frequent extended visits
	5. Yes, US advisory personnel resident in the hamlet
HMA2	Did the GVN district chief visit this hamlet during the month?
	0. No
	1. Yes, but for short duration only
	2. Yes, frequent visits of short duration only
	3. Yes, at least one extended visit (one hour or more)
	4. Yes, frequent extended visits
	5. Yes, district chief resident in the hamlet
HMB1	Do enemy forces physically control this hamlet?
	0. No
	1. Yes
	2. Yes, defensive works have been constructed by enemy forces to establish a "combat hamlet"
HMB2	Did the enemy initiate action against local security forces in or near the hamlet during the month?
	0. No
	1. Yes, once
	2. Yes, sporadically

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3. Yes, repeatedly

3 What was the most serious level of enemy-initiated military activity directed at local security force positions in or near this hamlet?

0. None
1. Minor harassment (sniping, mining, etc.)
2. Attack by coordinated small arms or automatic weapons fire
3. Attack by heavy weapons fire (mortar, rocket, RR, etc.)
4. Ground assault - repelled
5. Ground assault - friendly position over-run

HMB4 Were armed enemy military forces present in inhabited areas of this hamlet during the month?

0. No
1. Yes, once
2. Yes, sporadically
3. Yes, regularly

HMB5 Were any attempts at selective terrorism (kidnapping or assassination) directed at particular GVN officials, prominent residents or local leaders of the hamlet during the month?

0. No
1. Yes, once
2. Yes, more than once

HMB6 Were any acts of general or non-selective terrorism (mining, sabotage, harassing fire, bombing of a public place, etc.) directed against people of this hamlet during the month?

0. No
1. Yes, once
2. Yes, more than once

HMB7 Have incidents targeted against GVN non-military activities in this hamlet (GVN projects, offices, National Police, RD Cadre, etc.) occurred in the past month?

0. No
1. Yes, minor
2. Yes, serious

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3. Yes, project or activity abandoned

HMB3 Were any enemy propaganda meetings held or was printed propaganda distributed in this hamlet during the month?

0. No
1. Yes, once
2. Yes, more than once

HMC1 Have there been incidents of personal misconduct involving local security forces and hamlet residents during the month?

0. No
1. Yes, but only minor
2. Yes, serious

HMC2 Have there been incidents of personal misconduct involving friendly external forces (forces normally based outside the village) and hamlet residents during the month?

0. No
1. Yes, but only minor
2. Yes, serious

HMC3 Have local security force operations resulted in contact with enemy forces during the month?

0. No
1. Yes, once
2. Yes, more than once

HMC4 Did the hamlet PSDF engage or have opportunity to engage enemy forces during the month?

0. No, no contacts
1. Yes, PSDF performed poorly
2. Yes, PSDF performed satisfactorily
3. Yes, PSDF performed outstandingly

HMD1 Were enemy military activities the direct cause of civilian casualties among hamlet residents?

0. No
1. Yes, but none killed
2. Yes, some (1-5) killed
3. Yes, more than five killed

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MD2 Were enemy military activities the direct cause of physical damage to the property (personal possessions, livestock, corps, dwellings, etc.) of hamlet residents during the month? 193 194 195 196

0. No 198
1. Yes, minor 199
2. Yes, serious but localized 200
3. Yes, widespread 201

HMD3 Were friendly military activities the direct cause of civilian casualties among hamlet residents? 203 204 205

0. No 207
1. Yes, but none were killed 208
2. Yes, some (1-5) were killed 209
3. Yes, more than five killed 210

HMD4 Were friendly military activities the direct cause of physical damage to the property (personal possessions, livestock, cross, dwellings, etc.) of hamlet residents during the month? 212 213 214 215 216

0. No 218
1. Yes, minor only 219
2. Yes, serious but localized 220
3. Yes, widespread 221

HMD5 What has been the net impact of military activity in or near this hamlet during the month? 223 224 225

0. Friendly activity, but no enemy contacts 227
1. Significant victory for friendly forces 228
2. Minor victory for friendly forces 229
3. Neither defeat nor victory 230
4. Minor defeat(s) of friendly forces 231
5. Significant defeat of friendly forces 232
6. No friendly activity 233

HMD6 Did a significant number of households (more than 10%) move to this hamlet during the past month? 235 236 237

0. No 239
1. Yes, primarily from insecure areas 240

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2. Yes, but not primarily from insecure areas 241

HMD7 Did a significant number of households (more than 10%) move out of this hamlet during the month? 243 244 245

0. No
1. Yes, primarily due to lack of security 247 248
2. Yes, primarily for reasons other than lack of security 249 250

HQA1 Which of the following is most representative of your source(s) of information in responding to questions about this hamlet? 252 253 254

0. Sources at district level
1. Sources at village level 256 257
2. Sources at hamlet level 258

HQA2 Does the District Chief agree with responses reported by the DSA? 260 261

0. No, strong disagreement; district chief more optimistic 263 264
1. No, strong disagreement; district chief pessimistic 265 266
2. No, but only minor disagreement 267
3. No, neither agreement or disagreement expressed 268 269
4. Yes 270

HQB1 Which of the following most closely reflects the status of the enemy infrastructure in this hamlet? 272 273 274

0. No known or suspected infrastructure 276
1. Sporadic covert activity, little or no overt activity 277 278
2. Regular covert activity, sporadic overt activity generally at night 279 280
3. The primary authority in the hamlet at night, but most operate covertly in the day 281 282 283
4. The primary authority present day and night 284

HQB2 Does the enemy collect taxes from hamlet households (in cash or in kind)? 286 287

0. No 289

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1. Yes, sporadically
2. Yes, regularly and systematically

HQB3 Do any hamlet households have a member or members who participated, by coercion or otherwise in enemy-organized non-military group activities (public meetings, demonstrations, work gangs, etc.) during the past quarter?

0. No, none
1. Yes, a few (less than 10%)
2. Yes, some (10%-40%)
3. Yes, many (41%-90%)
4. Yes, all or nearly all

HQC1 Which of the following is primarily responsible for conducting military security operations, patrols, ambushes, listening posts, etc., in the immediate vicinity of this hamlet? (If more than one, select the force making the largest contribution.)

0. No friendly security forces present
1. Peoples Self-Defense Force (PSDF)
2. National Police (NP)
3. National Police Field Force (NPFF)
4. Popular Force (PF)
5. Regional Force (RF)
6. CIDG
7. ARVN/US/FWMAF

HQC2 During daylight hours, do friendly local security forces conduct necessary security operations along approaches to this hamlet? (e.g., patrols, ambushes, listening posts, checkpoints, etc.)

0. No
1. Yes, but marginal
2. Yes, adequate
3. Not needed (no enemy threat)

HQC3 During hours of darkness, do friendly local security forces conduct necessary security operations along approaches to this hamlet? (e.g., patrols, ambushes, listening posts, checkpoints, etc.)

0. No
1. Yes, but marginal
2. Yes, adequate

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3. Not needed (no enemy threat) 339

HQC4 Are any hamlet households located in areas where enemy agents, recruiters, tax collectors, and other cadre move about with relative freedom during hours of darkness? 341 342 343 344

0. No, none 346
1. Yes, a few (less than 10%) 347
2. Yes, some (10%-40%) 348
3. Yes, many (41%-90%) 349
4. Yes, all or nearly all 350

HQC5 Are any hamlet households located in areas where GVN administrative personnel are unable to move about with relative freedom during daylight hours? 352 353 354

0. No, none 356
1. Yes, a few (less than 10%) 357
2. Yes, some (10%-40%) 358
3. Yes, many (41%-90%) 359
4. Yes, all or nearly all 360

HQC6 Do any hamlet households have a member or members active in the PSDF? 362 363

0. No, none 365
1. Yes, a few (less than 10%) 366
2. Yes, some (10%-40%) 367
3. Yes, many (41%-90%) 368
4. Yes, all or nearly all 369

HQC7 How active is the PSDF in this hamlet? 371

0. None organized 373
1. Organized, but inactive 374
2. Training and drills only 375
3. Organized non-military activity only 376
4. Standing armed guard in the hamlet 377
5. Armed patrols and guard within the hamlet 378

HQC8 Do local residents who are prime VC targets (members of PSDF, RDC, local government officials, young males, etc.) sleep in their homes at night? 380 381 382

0. Yes 384
1. No, a few (less than 10%) sleep in defensive works within the hamlet 385 386
2. No, a few (less than 10%) travel to more secure 387

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areas at night
3. No, 10%-50% travel to more secure areas at night
4. No, 51%-90% travel to more secure areas at night
5. No, more than 90% travel to more secure areas at night

HQC9 Does the PSDF perform well as an internal defense force?

0. No, there is no PSDF
1. No, primarily because of a lack of equipment
2. No, primarily because of poor deployment
3. No, primarily because of a lack of training
4. No, primarily because of a lack of aggressiveness
5. PSDF is untested, but none of the above problems are evident
6. Yes

HQCA Are local security forces adequate for hamlet defense?

0. No, primarily because of a lack of equipment
1. No, primarily because of poor deployment
2. No, primarily because of a lack of training
3. No, primarily because of a lack of aggressiveness
4. Yes

HQD1 Which of the following is primarily responsible for enforcing the law in this hamlet? (If more than one, select the force making the largest contrbution.)

0. No friendly security forces present
1. Peoples Self-Defense Forces (PSDF)
2. National Police (NP)
3. National Police Field Force (NPFF)
4. Popular Force (PF)
5. Regional Force (RF)
6. Other

HQD2 During daylight hours, do GVN authorities enforce the laws in this hamlet?

0. No
1. Yes, but marginal
2. Yes, adequate

HQD3 During hours of darkness, do GVN authorities enforce the law in this hamlet?

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0. No 438
1. Yes, but marginal 439
2. Yes, adequate 440

HQD4. How often are National Police or NPFF present in the hamlet? 442 443

0. Never 445
1. Less than once a month 446
2. 1-3 times a month 447
3. Once a week or more 448
4. Regularly present by day 449
5. Regularly present, night and day 450

HQD5 Has a curfew been established by GVN authorities for the inhabited areas of this hamlet? 452 453

0. No, no friendly presence 455
1. No, no curfew established 456
2. Yes, beginning after 2330 457
3. Yes, beginning between 2131 and 2330 458
4. Yes, beginning between dusk and 2130 459
5. Yes, beginning at dusk or earlier 460

HQD6 Has a curfew been established by GVN authorities for the areas surrounding the inhabited parts of this hamlet? 462 463 464

0. No, no friendly presence 466
1. No, no curfew established 467
2. Yes, beginning after 2330 468
3. Yes, beginning between 2131 and 2330 469
4. Yes, beginning between dusk and 2130 470
5. Yes, beginning at dusk or earlier 471

HQE1 Is there a GVN hamlet chief for this hamlet? 473

0. No 475
1. Yes, appointed 476
2. Yes, elected 477

HQE2 Is the GVN hamlet chief regularly present in this hamlet? 479 480

0. No 482
1. No, irregularly 483
2. Yes, regularly, but only by day 484
3. Yes, regularly day and night 485

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HQE3 Who normally settles civil disputes (property rights, boundary disputes, etc.) involving hamlet residents? 487 488 489

0. VC infrastructure officials 491
1. Religious leaders, elders, or prominent individuals (neither GVN or VC officials) 492 493
2. GVN officials 494

HQE4 How often does the GVN village chief visit this hamlet? 496 497

0. Never 499
1. Less than once a month 500
2. 1-4 times a month 501
3. Twice a week or more 502
4. Resident in hamlet 503

HQE5 Does this hamlet have regular representation at village council meetings? 505 506

0. No 508
1. Yes 509

HQF1 Do any hamlet households have a member or members in enemy service? 511 512

0. No, none 514
1. Yes, a few (less than 10%) 515
2. Yes, some (10%-40%) 516
3. Yes, many (41%-90%) 517
4. Yes, all or nearly all 518

HQF2 Do any hamlet households have a member or members working in GVN civil or military service? 520 521

0. No, none 523
1. Yes, a few (less than 10%) 524
2. Yes, some (10%-40%) 525
3. Yes, many (41%-90%) 526
4. Yes, all or nearly all 527

HQF3 Do any hamlet households have a member or members participating in non-VC civic or religious organizations (Farmers Associations, Co-op's, Boy Scouts, etc.)? 529 530 531 532

0. No, none 534

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1. Yes, a few (less than 10%) 535
2. Yes, some (10%-40%) 536
3. Yes, many (41%-90%) 537
4. Yes, all or nearly all 538

HQF4 Have RD Cadre worked in this hamlet during the past quarter? 540 541

0. No 543
1. Yes, but no cadre currently working 544
2. Yes, cadre currently working 545

HQF5 What effect has the presence of RD cadre in this hamlet had on hamlet government? 547 548

0. Negative (undermining authority of chief causing dissention among officials, etc.) 550 551
1. Neutral, no net effect either way 552
2. Positive 553

HQF6 Do any of the hamlet households have a member or members participating in "peoples' groups" organized by members of an RD Cadre Team? 555 556 557

0. No, none 559
1. Yes, a few (less than 10%) 560
2. Yes, some (10%-40%) 561
3. Yes, many (41%90%) 562
4. Yes, all or nearly all 563

HQG1 Does the GVN Hamlet Chief have a trained hamlet information/Chieu Hoi cadre? 565 566

0. No 568
1. No, appointed but not yet trained 569
2. Yes, but not a full-time resident of the hamlet 570 571
3. Yes, resident full-time 572

HQG2 How often are new GVN static visual displays (posters, banners, etc.) posted in this hamlet? 574 575

0. Never 577
1. Infrequently (less than once a month) 578
2. Periodically (1-3 times a month) 579
3. Regularly (once a week or more) 580

HQG3 Do any households in this hamlet own a TV set? 582

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0. No
1. Yes, a few (less than 10%)
2. Yes, some (10%-40%)
3. Yes, many (41%-90%)

HQG4 Did any hamlet households have a member or members attending any GVN-sponsored public meetings, award ceremonies, dedication ceremonies, etc. in the hamlet or village during the past quarter?

0. No, no such ceremonies during the past quarter
1. Yes, a few (less than 10%)
2. Yes, some (10%-40%)
3. Yes, many (41%-90%)
4. yes, all or nearly all

HQG5 Do any households in this hamlet own radios?

0. No
1. Yes, a few (less than 10%)
2. Yes, some (10%-40%)
3. Yes, many (41%-70%)
4. Yes, most or all (71%-100%)

HQL1 Is there a market in this hamlet?

0. No
1. Yes, serves hamlet residents primarily
2. Yes, serves residents of this hamlet and nearby hamlets of this village
3. Yes, serves residents of this village and adjacent villages

HQL2 Do motorized vehicles (such as sampans, trilambrettas, or larger) regularly travel to and from this hamlet?

0. No
1. Yes

HQL3 Do any households in this hamlet own motorized vehicles (such as motorcycles, motorized sampans, cars, etc.)?

0. No
1. Yes, a few (less than 10%)
2. Yes, some (10%-40%)

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3. Yes, many (more than 40%) 633

HQN1 Did any hamlet households have a member or members participating in GVN-sponsored economic improvement programs (agriculture, animal husbandry, fisheries, handicraft, etc.) during the past quarter? 635 636 637 638 639

0. No, no such programs 641
1. Yes, a few (less than 10%) 642
2. Yes, some (10%-40%) 643
3. Yes, many (40%-90%) 644
4. Yes, all or nearly all 645

HQN2 Did any hamlet households have a member or members who participated in self-development projects during the past quarter? 647 648 649

0. No, no such projects 651
1. Yes, a few (less than 10%) 652
2. Yes, some (10%-40%) 653
3. Yes, many (41%-90%) 654
4. Yes, all or nearly all 655

HQN3 Are self-development projects physically underway in this hamlet? 657 658

0. No, none needed 660
1. No, there have been no such projects 661
2. No, there have been some project completed but more are needed 662 663
3. No, there have been some projects completed and no more are needed 664 665
4. Yes, but they are progressing slowly 666
5. Yes, and they are progressing satisfactorily 667

HQP1 Are GVN approved medical services accessible to hamlet residents? 669 670

0. No, none accessible 672
1. Yes, bur further than a nearby hamlet 673
2. Yes, in a nearby hamlet 674
3. Yes, in this hamlet 675

HQP2 Do GVN health workers visit this hamlet to provide medical service, arrange for patient treatment, give health instructions, improve sanitation, etc.? 677 678 679

0. Never 681

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1. Yes, but infrequently (less than once a month) 582
2. Yes, periodically (1-3 times a month) 683
3. Yes, regularly (once a week or more) 684
4. Yes, resident in hamlet 685

HQR1 Are the children of hamlet residents able to attend primary school classes (grades 1-5)? 687 688

0. No 690
1. Yes, but school located further than nearby hamlet 691 692
2. Yes, school located in nearby hamlet 693
3. Yes, school located in this hamlet 694

HQR2 Is the primary school attended by most of the students of this hamlet sanctioned by the GVN? 696 697

0. No (children do not attend school) 699
1. No, not sanctioned 700
2. Yes, privately supported 701
3. Yes, government school 702

HQR3 Is attendance at primary school classes restricted by lack of teachers? 704 705

0. No 707
1. Yes 708

HQR4 Is attendance at primary school restricted by absence or over-crowding or nearby facilities? 710 711

0. No 713
1. Yes 714

HQR5 Is attendance at primary school classes restricted because of security conditions? 716 717

0. No 719
1. Yes 720

HQS1 Are there households in this hamlet which require assistance from others to maintain themselves at a subsistence level (friends, relatives, government, etc.)? 722 723 724 725

0. No 727
1. Yes, a few (less than 10%) 728
2. Yes, some (10%-40%) 729
3. Yes, many (41%-90%) 730

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4. Yes, all or nearly all 731

HQS2 Have authorized resettlement allowances been paid to eligible refugees resettled in this hamlet during the past quarter? 733 734 735

0. No, no eligible refugees 737
1. No, needed but none paid 738
2. Yes, but delayed or less than full amount or both 739 740
3. Yes, promptly and in full amount 741

HQS3 Has any welfare assistance been provided by non-GVN voluntary agencies (Catholic Relief, CARE, etc.) to needy or refugee households in this hamlet during the past quarter? 743 744 745 746

0. No, none needed 748
1. No 749
2. Yes 750

HQS4 Has any welfare assistance been provided by GVN sources to needy households in this hamlet (excluding assistance provided to GVN-recognized refugees) during the past quarter? 752 753 754 755

0. No, none needed 757
1. No 758
2. Yes 759

HQS5 Has assistance been provided by or through VN channels during the past quarter to hamlet households who have had their homes or property damaged or destroyed due to combat-related activity in or near the hamlet? 761 762 763 764 765

0. No, none needed 767
1. No, needed but none provided 768
2. Yes, but insufficient or delayed 769
3. Yes, adequate 770

HQZ1 Based on guidance given below, is this hamlet urban or rural in nature? (See Urban/Rural Differentiation - Appendix I - for explanation.) 772 773 774

0. Rural 776
1. Urban 777

HQZ2 Which of the following best describes the 779

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character of this population center? 780

0. A long-established hamlet 782
1. A hamlet constructed within the past five years 783 784
2. A hamlet constructed with the past year 785
3. A refugee camp 786
4. Other (claify in your remarks) 787

HQZ3 What is the primary religion of this hamlet? 789

0. No religion is primary 791
1. Animist 792
2. Buddhist 793
3. Cao Dai 794
4. Catholic 795
5. Christian, other than Catholic 796
6. Confucianism 797
7. Hoa Hao 798

HQZ4 What is the primary ethnic strain present in this hamlet? 800 801

0. No ethnic strain is primary 803
1. Cambodian 804
2. Cham 805
3. Chinese 806
4. Lao 807
5. Montagnard 808
6. Vietnamese 809

HQZ5 What is the primary occupation of hamlet residents? 811 812

0. None (most residents unemployed) 814
1. Rice farming 815
2. Farming, other than rice 816
3. Fishing 817
4. Forestry 818
5. Plantation labor 819
6. Military service 820
7. Laborers, trade, manufacturing or service industries 821 822

HQZ6 Is this hamlet the village administrative center? 824 825

0. No 827
1. Yes 828

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VMB1 What was the estimated size of the largest (entry) local or main force unit present in or near inhabited areas of this village at any time during the month? 830 831 832 833

0. None 835
1. Less than a platoon 836
2. About a platoon 837
3. About a company 838
4. A battalion or more 839

VMB2 During the month, was the main surface route leading from this village to the province captial open during daylight hours? 841 842 843

0. No 845
1. Yes, but regular enemy harassment or taxation 846 847
2. Yes, sporadic enemy harassment or taxation 848 849
3. Yes, no enemy harassment or taxation 850

VMC1 Have friendly external forces (forces normally based outside the village) operated in this village during the month? 852 853 854

0. No 856
1. Yes, no enemy contact 857
2. Yes, light contact with enemy force 858
3. Yes, heavy contact with enemy force 859

VMC2 Were any friendly artillery fires or air strikes directed in or near the inhabited area of this village during the month? 861 862 863

0. No 865
1. Yes, once 866
2. Yes, sporadically 867
3. Yes, repeatedly 868

VQB1 Which of the following most closely reflects the activity of the village level VC infrastructure in the village? 870 871 872

0. No known or suspected infrastructure 874
1. Sporadic covert activity, little or no overt activity 875 876
2. Regular covert activity, sporadic overt activity 877 878

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3. Regular overt activity, but not firmly established 879 880
4. Unchallenged authority in the village 881

VQB2 What is the estimated size of the largest village guerrilla unit regularly present in this village? (Do not include local or main force units.) 883 884 885

0. None 887
1. Less than a squad 888
2. About a squad 889
3. About a platoon 890
4. More than a platoon 891

VQB3 What is the estimated size of the largest enemy main or local force unit regularly present in this village or adjacent villages? 893 894 895

0. None 897
1. Less than a platoon 898
2. About a platoon 899
3. About a company 900
4. A battalion or more 901

VQB4 Are there areas in or adjacent to this village which enemy forces use as assembly areas for operations against friendly activites in the general area? 903 904 905 906

0. No 908
1. Yes, temporary havens 909
2. Yes, small base areas 910
3. Yes, major base areas 911

VQB5 Do enemy forces tax goods and produce moving to or from this village? 913 914

0. No 916
1. Yes, sporadically 917
2. Yes, regularly 918

VQC1 Is there a GVN or US/FWMAF military base of company size or larger within or adjacent to this village? (Exclude all RF/PF.) 920 921 922

0. No 924
1. Yes, GVN only 925
2. Yes, US/FWMAF only 926
3. Yes, both GVN and US/FWMAF units, either 927

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of company size or larger 928

VQC2 During daylight hours what is the probable reaction time of the nearest friendly ground reaction force if called upon for assistance by local security forces in this village? 930 931 932 933

0. No reaction support available 935
1. More than four hours 936
2. 2-4 hours 937
3. Less than two hours 938

VQC3 During hours of darkness what is the probable reaction time of the nearest friendly ground reaction force if called upon for assistance by local security forces in this village? 940 941 942 943

0. No reaction support available 945
1. More than four hours 946
2. 2-4 hours 947
3. Less than two hours 948

VQC4 Can the village security forces expect a reasonable degree of fire support (i.e., air, artillery, helicopter gunships, etc.) if the need arises? 950 951 952 953

0. No 955
1. Occasionally 956
2. Nearly always 957

VQC5 Has a plan for village security been formulated to coordinate the activities of the local security forces present in this village? 959 960 961

0. No 963
1. Yes, but plan is not followed 964
2. Yes, plan is followed, but it works poorly 965
3. Yes, plan is followed, and works well 966

VQC6 Does the village chief have operational control over Popular Forces units assigned the mission of providing security for the people of this village? 968 969 970 971

0. No, no Popular Forces 973
1. No, no control 974
2. Yes, partial 975
3. Yes, complete 976

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VC7 Has the village security plan to coordinate activities of local security forces present in the village been rehearsed during the quarter? 978 979 980

0. No, no village security plan 982
1. No, but a village security plan exists 983
2. Yes, the plan was tested but did not work well 984 985
3. Yes, the plan was tested and worked well 986

VQD1 Are National Police personnel regularly present in this village? 988 989

0. No 991
1. Yes 992
2. Yes, National Police Substation located in the village 993 994

VQD2 Does the village chief have operational control over National Police personnel working in the village? 996 997 998

0. No, no National Police 1000
1. No, no control 1001
2. Yes, partial 1002
3. Yes, complete 1003

VQD3 Has a curfew been established by GVN authority for civilian traffic on the main route leading from this village to nearby communities? 1005 1006 1007

0. No, no friendly presence 1009
1. No, no curfew established 1010
2. Yes, beginning after 2330 1011
3. Yes, beginning between 2131 and 2330 1012
4. Yes, beginning between dusk and 2130 1013
5. Yes, beginning at dusk or earlier 1014

VQD4 Are National Police measures for the organization of the village population (issuance of ID cards, establishment of Family Books, census of village residents, etc.) complete and up to date? 1016 1017 1018 1019

0. No 1021
1. Yes, for small part of village 1022
2. Yes, for most of the village 1023
3. Yes, entire village organized 1024

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5 Are the identies of members of the enemy infrastructure for this village known to friendly intelligence personnel? 1026 1027 1028

0. No, one 1030
1. Yes, a few (less than 10%) 1031
2. Yes, some (10%-40%) 1032
3. Yes, many (41%-90%) 1033
4. Yes, all or nearly all 1034
5. No enemy infrastructure exists for this village 1035 1036

VQD6 Are the identies of the members of the enemy village guerrilla unit known to friendly intelligence personnel? 1038 1039 1040

0. No, none 1042
1. Yes, a few (less than 10%) 1043
2. Yes, some (10%-40%) 1044
3. Yes, many (41%-90%) 1045
4. Yes, all or nearly all 1046
5. No enemy village guerrilla unit exists for this village 1047 1048

VQD7 What is the status of National Police presence in this village? 1050 1051

0. None present 1053
1. Assigned, but only occasionally present day or night (less than 50% of the time) 1054 1055
2. Regularly present during the day only (more than 50% of the time) 1056 1057
3. Regularly present both day and night (more than 50% of the time) 1058 1059

VQD8 Do the National Police circulate freely in the village while in uniform? 1061 1062

0. No, no National Police assigned 1064
1. No 1065
2. Yes, but only in groups 1066
3. Yes, but only during the day 1067
4. Yes, both day and night 1068

VQR1 Is there an active GVN Village Administrative committee? 1070 1071

0. No 1073
1. Yes, but consists of village chief only 1074

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	2. Yes, but two or more positions are vacant	1075
	3. Yes, one position is vacant	1076
	4. Yes, all positions are filled	1077
VQE2	Are the present members of the GVN Village Council elected to their posts by the people of this village?	1079 1080 1081
	0. No, no active Village Council exists	1083
	1. No, all Village Council members appointed	1084
	2. Yes, a few are elected (less than 30%)	1085
	3. Yes, some are elected (30%-70%)	1086
	4. Yes, many are elected (more than 70%)	1087
	5. Yes, all are elected	1088
VQE3	Is the present GVN village chief elected by the Village Council?	1090 1091
	0. No	1093
	1. Yes	1094
VQE4	Is the GVN village chief regularly present in this village?	1096 1097
	0. No, except when accompanying an operation	1099
	1. No, irregularly	1100
	2. Yes, regularly, but only by day	1101
	3. Yes, regularly, day and night	1102
VQE5	Is there a functioning GVN village office located in this village where official business is regularly conducted or where village administrative records are maintained?	1104 1105 1106 1107
	0. No	1109
	1. Yes	1110
VQE6	Have GVN sponsored projects in this village been adversely affected by corrupt local officials during the past quarter?	1112 1113 1114
	0. No	1116
	1. Yes, suspected	1117
	2. Yes, positive knowledge (no corrective action)	1118 1119
	3. Yes, corrective action has been taken	1120
VQE7	Does the GVN collect taxes in this village?	1122

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0. No 1124
1. No, tax amnesty granted 1125
2. Yes, but unsystematically or sporadically 1126
3. Yes, systematically 1127

VQE8 Have the major village officials (the Village Chief, the Deputy for Security and the Deputy for Administration) receiving training at the Vung Tau training center? 1129 1130 1131 1132

0. No, none have received official training 1134
1. Only the village chief is trained 1135
2. Only the Deputy for Security is trained 1136
3. Only the Deputy for Administration is trained 1137 1138
4. Both the Deputy for Administration and village chief are trained 1139 1140
5. Both the Deputy for Administration and Deputy for Security are trained 1141 1142
6. Both the Deputy for Security and village chief are trained 1143 1144
7. Yes, all three major village officials are trained 1145 1146

VQE9 What portion of the legally established budget is supported by locally collected taxes? 1148 1149

0. There is no legal budget 1151
1. None, or nearly none (less than 10%) 1152
2. Little (11%-30%) 1153
3. Some (31%-50%) 1154
4. Much (51%-70%) 1155
5. Most (71%-90%) 1156
6. All, or nearly all (more than 90%) 1157

VQF1 How frequently does the Village Council convene open public meetings to discuss village development plans and projects, local grievances, aspirations, etc.? 1159 1160 1161 1162

0. Never 1164
1. Less than once a month 1165
2. Once a month on the average 1166
3. Twice a month or more 1167

VQF2 Is action taken by the village chief to investigate and correct local grievances and to satisfy local aspirations expressed at public meetings convened by the Village 1169 1170 1171 1172

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Council? 1173

0. No, and no public meetings are convened 11
1. No, meetings but no action 1176
2. Yes, occasional action 1177
3. Yes, regular action 1178

V2F3 Are any non-communist political parties active in this village? 1180 1181

0. No 1183
1. Yes, one 1184
2. Yes, two 1185
3. Yes, more than two 1186

V2F4 Are there any organized activites for the youth of this village (4T, Boy Scouts, sports, etc.)? 1188 1189 1190

0. No 1192
1. Yes 1193

V2F5 Do RD Cadre coordinate and cooperate with GVN village officials in the execution of their responsibilties? 1195 1196 1197

0. No, no RD Cadre 1[illegible]
1. No [illegible]
2. Yes, occasionally 1201
3. Yes, regularly 1202

V2F6 Does the village chief have operational control over RD Cadre personnel working in this village? 1204 1205

0. No, no RD Cadre 1207
1. No, no control 1208
2. Yes, partial 1209
3. Yes, complete 1210

V2F7 Do the RD Cadre assigned to this village sleep in the village at night? 1212 1213

0. No, no RD Cadre 1215
1. No 1216
2. Yes, occasionally 1217
3. Yes, regularly 1218

V2G1 Does the village office have a trained Information/Chieu Hoi Cadre assigned? 1220 1221

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0. No
1. No, appointed but not yet trained
2. Yes, but not resident full-time in the village
3. Yes, resident full-time in the village

VQG2 How often are village residents exposed to GVN movies, cultural drama team performances, etc.?

0. Never
1. Infrequently (less than once a month)
2. Periodically (1-3 times a month)
2. Regularly (once a week or more)

VQ33 How frequently do mobile GVN information cadre (such as VIS personnel, APT, S-5) visit this village?

0. Never
1. Less than once a month
2. 1-3 times a month
3. 1-3 times a week
4. More than three times a week

VQL1 Is a variety of foodstuffs other than rice and nuoc mam (such as pork, vegetables, fruit, fish, etc.) for sale at the local market(s)?

0. No
1. Yes, limited quantity
2. Yes, ample quantities

VQL2 Are manufactured goods such as bicycle tires, kerosene, and aluminum pots, for sale at the local market(s)?

0. No
1. Yes, limited quantities
2. Yes, ample quantities

VQL3 Is there a surplus of goods or foodstuffs produced in this village for sale outside of the village?

0. No
1. Yes, but small

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2. Yes, large 1271

QL4 Are current market prices for basic foodstuffs publicized daily and are price controls enforced? 1272 1273

0. No, prices are neither publicized nor controlled 1276 1277
1. No, prices are publicized but there is about a 10% inflation over the official price levels 1278 1279 1280
2. No, prices are publicized but there is an 11%-50% inflation over the official price levles 1281 1282 1283
3. No, prices are publicized but there is a 51%-100% inflation over the official price levels 1284 1285 1286
4. No, prices are publicized but there is more than 100% inflation over the official price levels 1287 1288 1289
5. Yes, prices are publicized and controlled 1290

VQL5 Is skills-training offered to village inhabitants? (Check the response which indicates who contributes the most training.) 1292 1293 1294

0. No 1296
1. Yes, by employers such as small repair shops 1297
2. Yes, by the GVN Ministry of Labor or the GVN Ministry of Education 1298 1299
3. Yes, under the auspices of some other GVN agency 1300 1301
4. Yes, by foreign agencies (U.S. military or others) 1302 1303

VQL6 Is there a labor surplus in this village? 1305

0. No 1307
1. Yes, a limited surplus of unskilled workers, primarily seasonal 1308 1309
2. Yes, a limited surplus of skilled workers, primarily seasonal 1310 1311
3. Yes, a limited surplus of both unskilled and skilled workers, primarily seasonal 1312 1313
4. Yes, unemployment of unskilled workers is a problem 1314 1315
5. Yes, unemployment of skilled workers is a problem 1316 1317
6. Yes, unemployment of both skilled and unskilled workers is a problem 1318 1319

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VQL7 What best describes the selling market for surplus rice in this village?

0. There is no surplus rice
1. There is a limited surplus, but no demand
2. There is a limited surplus and good demand
3. There is an abundant surplus, but no demand
4. There is an abundant surplus and good demand
5. There is a surplus, but the farmers do not want to sell

VQL8 Which best describes the selling market for surplus crops other than rice in this village?

0. There is no surplus
1. There is a limited surplus, but no demand
2. There is a limited surplus and good demand
3. There is an abundant surplus, but no demand
4. There is an abundant surplus and good demand
5. There is a surplus, but the farmers do not want to sell

VQN1 Were any new self-development projects selected by the people of this village during the quarter?

0. No
1. Yes, but none were selected at open public meetings
2. Yes, some were selected at open public meetings
3. Yes, all were selected at open public meetings

VQN2 Have any self-development projects in this village been retarded because of absence of technical assistance from province or district level personnel?

0. No such projects
1. No, no retardation
2. Yes, minor retardation
3. Yes, serious retardation
4. Yes, resulting in project abandonment

VQN3 Have any self-development projects in this village been retarded because of shortage of resources? (e.g., cement, roofing materials, fertilizer, seed, pumps, etc.)

0. No such projects
1. No, no retardation

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2. Yes, minor retardation
3. Yes, serious retardation
4. Yes, resulting in project abandonment

VQN4 Were any needed village public works projects (e.g., roads, markets, wells, etc.) under construction in this village during the quarter?

0. No
1. Yes

VQN5 Do GVN technical personnel visit this village in support of local development programs? e.g., agriculture technicians, animal husbandary specialists, fisheries specialists, etc.)

0. No
1. Yes, but infrequently (less than once a month)
2. Yes, periodically (1-3 times a month)
3. Yes, regularly (once a week or more)
4. Yes, resident in village

VQP1 Is a GVN-sponsored public health station (dispensary) accessible to residents of this village?

0. No
1. Yes, but further than an adjacent village
2. Yes, in an adjacent village
3. Yes, in the village

VQP2 Is a GVN-sponsored maternity clinic accessible to the residents of this village?

0. No
1. Yes, but further than an adjacent village
2. Yes, in an adjacent village
3. Yes, in the village

VQP3 Is a hospital (or private physician practicing western medicine) accessible to residents of this village?

0. No
1. Yes, bur further than an adjacent village
2. Yes, in an adjacent village
3. Yes, in the village

VQP4 Can western medicines, particularly the more common antibiotic, be purchased locally by

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village residents? 1418

0. No
1. Yes, but very limited supply 1421
2. Yes, adequate supply 1422

VQR1 Is a GVN-accredited secondary school (grades 6-12) accessible? 1424 1425

0. No
1. Yes, but further than an adjacent village 1427 1428
2. Yes, in an adjacent village 1429
3. Yes, in this village 1430

VQR2 Do any of the children of village residents attend secondary schools? 1432 1433

0. No
1. Yes, a few (less than 5% of school age children) 1435 1436 1437
2. Yes, some (5%-20%) 1438
3. Yes, many (more than 20%) 1439

VAR3 Do any of the children of this village complete the five-year primary education program? 1441 1442

0. No, none
1. Yes, a few (less than 10%) 1444 1445
2. Yes, some (10%-40%) 1446
3. Yes, many (41%-90%) 1447
4. Yes, all or nearly all 1448

VQT1 Do any of the farming households of this village hold land in tenancy of either private landowners or to the government? 1450 1451 1452

0. No, none
1. Yes, a few (less than 10%) 1454
2. Yes, some (10%-40%) 1455 1456
3. Yes, many (41%-90%) 1457
4. Yes, all or nearly all 1458

VQT2 Are any of the farming households of this village owners of all or part of the land they farm? 1460 1461

0. No, none
1. Yes, a few (less than 10%) 1463
2. Yes, some (10%-40%) 1464 1465
3. Yes, many (41%-90%) 1466

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4. Yes, all or nearly all

VQT3 Are any of the farming households of this village considered to be squatters rather than owners or tenents of the land that they farm? 1469 1470 1471

0. No, none 1473
1. Yes, a few (less than 10%) 1474
2. Yes, some (10%-40%) 1475
3. Yes, many all or nearly all 1476

VQT4 Do any of the farming households of this village earn the largest part of their yearly income from employment on a daily hire or contract basis as opposed to income derived from land ownership or tenancy? 1478 1479 1480 1481 1482

0. No, one 1484
1. Yes, a few (less than 10%) 1485
2. Yes, some (10%-40%) 1486
3. Yes, many (41%-90%) 1487
4. Yes, all or nearly all 1488

VQT5 Has a Land Reform Committee been organized for this village? 1490 1491

0. No 1493
1. Yes, but presently inactive 1494
2. Yes, land reform actions are underway, but no land titles granted during past quarter 1495 1496 1497

VQT6 Is there farm land which belongs to this village which is not presently cultivated? 1499 1500

0. No 1502
1. Yes, primarily because of bad security 1503
2. Yes, primarily for reasons other than security 1504 1505

VQT7 In this village, what percentage of the farmers have not received titles to their land? 1507 1508

0. All eligible farmers have received titles 1510
1. Less than 10% have not received titles 1511
2. More than 10% but less than 30% have not received titles 1512 1513
3. More than 30% but less than 60% have not received titles 1514 1515

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4. 60% or more have not received titles 1.

VQT8 Have officials in the Province Land Affairs Service visited this village to assist in implementing the Land to the Tiller program during the quarter? 1518 1519 1520

0. No 1522
1. Yes, once 1523
2. Yes, 2 to 4 times 1524
3. Yes, more than 4 times 1525

VQT9 In this village, were there any land disputes during the quarter as a result of the application of the Land to the Tiller law? 1527 1528 1529

0. No disputes 1531
1. Small disputes unworthy of attention 1532
2. Disputes already settled by the village 1533
3. Important disputes transmitted to higher levels for settlements 1534 1535
4. Disputes with bloodshed fights 1536
5. Disputes where village Agriculture/Land Reform commissioners and/or village Land Service cadre were kidnapped and/or assassinated 1537 1538 1539 15[illegible]

VQTA Which of the following best describes land reform implementation in the village? 1542 1543

0. There is no Village Land Registrar and no effort is being made to recruit one 1545 1546
1. There is a Village Land Registrar, but little is being done to implement land reform 1547 1548 1549
2. There is a Village Land Registrar and some work to implement land reform has been accomplished 1550 1551 1552
3. There is a Village Land Registrar and much has been done to implement land reform 1553 1554 1555

VQZ1 What is the main land route leading from this village to nearby communities? 1557 1558

0. No land access 1560
1. Cart track, trail, or foot-path 1561
2. Seasonal road - poor condition 1562
3. Seasonal road - good condition 1563
4. All weather road - poor condition 1564

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	5. All weather road - good condition	1565
VQZ2	What is the main waterway leading from this village to nearby communities?	1566 1568
	0. No waterway access	1570
	1. Seasonal waterway - poor condition	1571
	2. Seasonal waterway - good condition	1572
	3. Year-round waterway - poor condition	1573
	4. Year-round waterway - good condition	1574
VQZ3	Do the local sources provide sufficient water for the household needs of this village?	1576 1577
	0. No	1579
	1. Yes, adequate seasonally	1580
	2. Yes, adequate year-round	1581
VQV1	How much of the tillable land is planted with miracle rice?	1583 1584
	0. None	1586
	1. None, out of season	1587
	2. Less than 10%	1588
	3. 10% - 30%	1589
	4. 31% - 60%	1590
	5. 61% - 90%	15
	6. More than 90%	159
VQV2	How much of the tillable land is planted in minor crops (any crop except rice)?	1594 1595
	0. None	1597
	1. None, out of season	1598
	2. Less than 10%	1599
	3. 10% - 30%	1600
	4. 31% - 60%	1601
	5. 61% - 90%	1602
	6. More than 90%	1603
VQV3	How many families received cash loans through the Agricultural Credit Programs?	1605 1606
	0. None	1608
	1. Less than 10%	1609
	2. 10% - 30%	1610
	3. 31% - 60%	1611
	4. 61% - 90%	1612
	5. More than 90%	1613

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VQV4 Were there any livestock losses due to diseases? 16

0. No 1617
1. No, adequate preventive measures taken 1618
2. Yes, minor losses (less than 10%) 1619
3. Yes, moderate losses (11% - 30%) 1620
4. Yes, heavy losses (more than 30%) 1621

VQV5 Were crops damaged by insects and/or diseases? 1623

0. No 1625
1. No, adequate preventive measures taken 1626
2. Yes, minor losses (less than 10%) 1627
3. Yes, moderate losses (10%- 30%) 1628
4. Yes, heavy losses (more than 30%) 1629

VQV6 Is there an adequate number of tractors? 1631

0. No, none needed 1633
1. No, no capability to purchase any 1634
2. No, no purchases planned 1635
3. No, but a few were bought (1-3) during the quarter 1636 1637
4. Yes 1638

VQV7 Is there an adequate irrigation system in the village 16 1641

0. No, none needed 1643
1. No, but one is needed 1644
2. No, but one is under construction 1645
3. Yes, but requires repair 1646
4. Yes 1647

VQV8 Which of these supplies - fertilizers, insecticides, seeds, or tools - have been inadequate and are most needed? 1649 1650 1651

0. None 1653
1. Fertilizers 1654
2. Insecticides 1655
3. Fertilizers and insecticides 1656
4. Seed 1657
5. Tools 1658
6. All of these 1659

VQV9 Did the rural organizations (Agricultural Extension, 4T, Home Economics, Animal Health Service, Farmers' 1661 1662

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Organization, cooperatives, To Hop) work actively in the villages during the past quarter? 1665

0. Yes 1666
1. Some activities, but ineffective 1667
2. No, no activities due to poor security 1668
3. No, no organizations exist 1669

VQVA Did the Agriculture or RD Cadre in charge of Agriculture, Fisheries, and Animal Husbandry regularly come to the village to visit farm families and give them technical guidance during the quarter? 1671 1672 1673 1674 1675

0. No 1677
1. Yes, but less than once a month 1678
2. Yes, about once a month 1679
3. Yes, 2 or 3 times a month 1680
4. Yes, 4 or more times a month 1681

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APPENDIX D

MODELS - MACROMODELS - SUBMODELS - QUESTION RELATIONSHIPS AND MEANINGS - HES70 DECISION TABLES

The following diagrams outline the process used to generate the Pacification Model Rating and the HES Model Rating. The Pacification Model Rating was the overall rating utilized for each hamlet from July 1969 to December 1970. In January 1971, the HES Model Rating replaced the Pacification Model Rating as an overall rating; however, the Pacification Model is maintained as well as the HES Rating.

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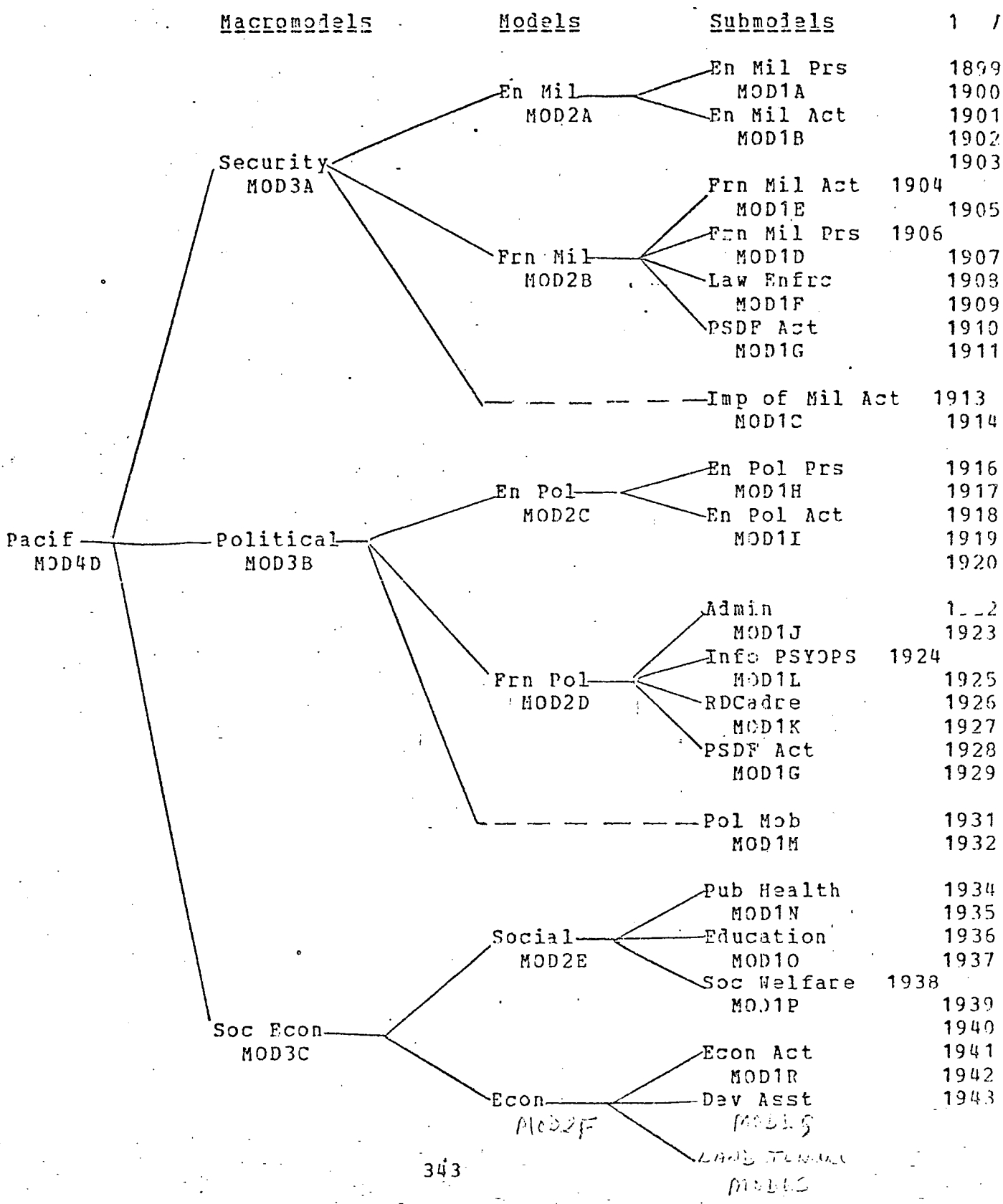
HES70 Model Aggregations



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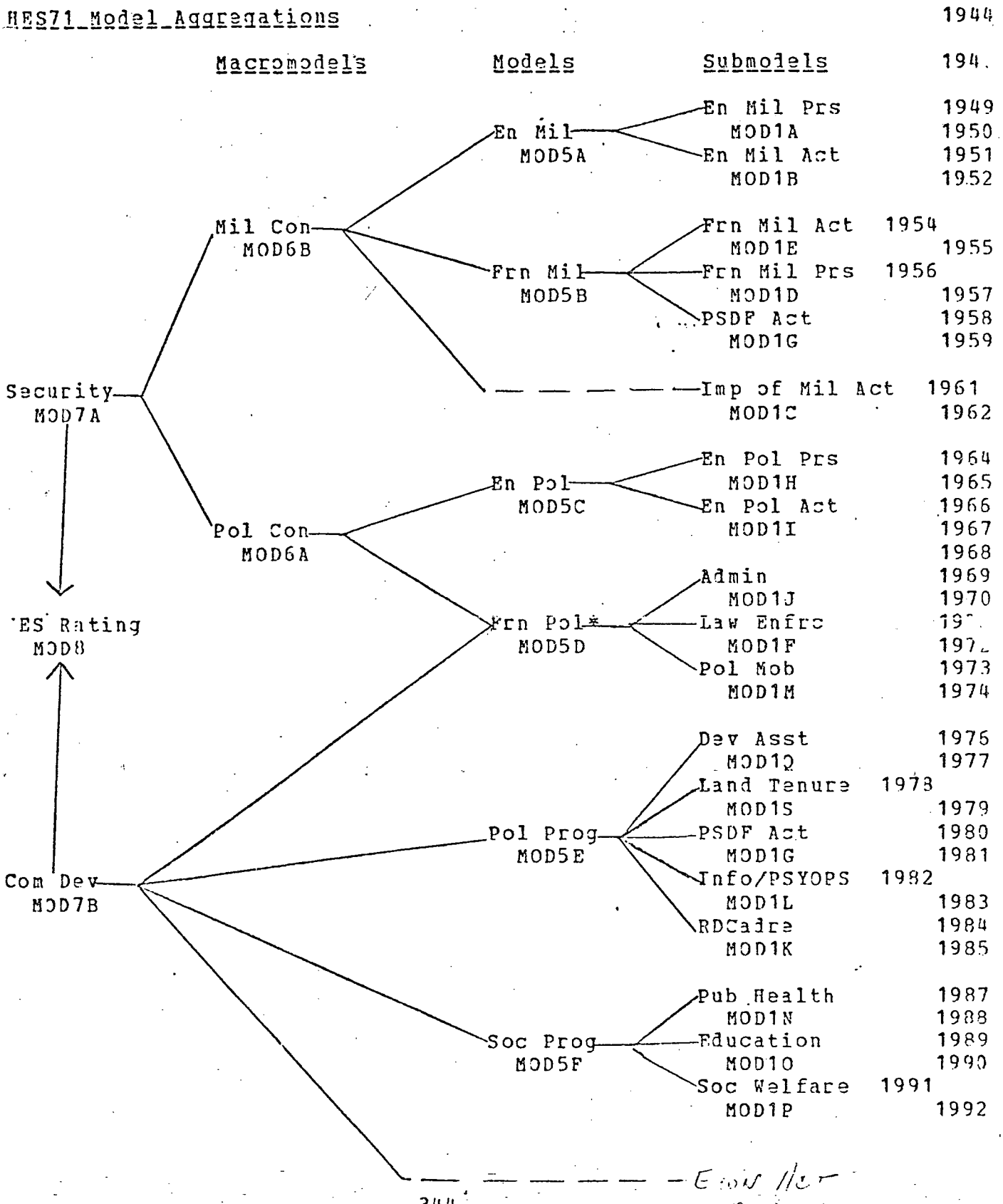

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Questions Used to Generate Submodels

Submodel	Component Questions
En-Mil-Prs MOD1A	VMB2 - VMB1 - HQC4 VQB2 - VQB3 - VQB4
En-Mil-Act MOD1B	VMB1 - HMB2 - HMB3 - HMB4 HMD1 - HMD2 - HMD5
Imp-Mil-Act MOD1C	VMB2 - VMC2 - HMC1 - HMC2 - HMD1 HMD2 - HMD3 - HMD4 - HMD7 - VQT6 HQD5 - HQD6 - HQR5
Frn-Mil-Prs MOD1D	HMD7 - VQC1 - VQC2 - VQC3 - VQC4 - VQC5 VQC6 - HQC1 - HQC2 - HQC3 - HQC4 - HQC5 HQE2
Frn-Mil-Act MOD1E	VMC1 - VMC2 - HMC3 - HMD3 - HMD4 - HMD5 HQC2 - HQC3
Law-Enfrc MOD1F	VQD1 - VQD2 - VQD3 - VQD5 - VQD6 HQD1 - HQD2 - HQD3 - HQD4 - HQE3
PSDF-Act MOD1G	HMC4 - HQC6 - HQC7
En-Pol-Prs MOD1H	VQB1 - VQB5 - HQB1 - HQB2 - HQB3 HQE3 - HQF1 - HQF2
En-Pol-Act MOD1I	HMB5 - HMB6 - HMB7 - HMB8 VQB1 - HQB1
Pol-Mob MOD1M	VQB1 - VQF1 - VQF2 - VQF3 - VQF4 HQB1 - HQB3 - HQC6 - HQF1 - HQF2 - HQF3 HQF6 - HQG4 - HQN2
Admin MOD1J	VQC5 - VQC6 - VQD2 - VQE1 - VQE2 - VQE3 VQE4 - VQE5 - VQD7 - VQF5 - VQF6 - HQE1 HQE2 - HQE3 - HQE4 - HQE5 - HQF5
Info-PSYOPS MOD1L	VQG1 - VQG2 - VQG3 - HQG1 HQG2 - HQG3 - HQG4

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bmodel	Component Questions	
RDCadre	VQF5 - VQF6 - VQF7 - HQC6	2045
MOD1K	HQF4 - HQF5 - HQF6 - HQN2	2046
Pub-Health	VQP1 - VQP2 - VQP3 - VQP4	2048
MOD1N	HQP1 - HQP2	2049
Education	VQR1 - VQR2 - VQR3 - HQR1	2051
MOD1O	HQR2 - HQR3 - HQR4 - HQR5	2052
Soc-Welfare	HQS1 - HQS2 - HQS3 - HQS4 - HQS5	2054
Mod1P		2055
Dev-Asst	VQE6 - VQN1 - VQN3 - VQN4 - VQN5	2057
MOD1Q	HQN1 - HQN2	2058
Econ-Act	VQB5 - VQE7 - VQL1 - VQL2 - VQL3 - VQT6	2060
MOD1R	HQB2 - HQG3 - HQL1 - HQL2 - HQL3 - HQS1	2061
Land Tenure	VQT1 - VQT2 - VQT3 - VQT4 - VQT5 - VQT6	2063
MOD1S		2064

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Models - 1970

Code	Meaning
MOD2A	Enemy Military
MOD2B	Friendly Military
MOD2C	Enemy Political
MOD2D	Friendly Political
MOD2E	Social
MOD2F	Economic

Models - 1971

Code	Meaning
MOD5A	Enemy Military
MOD5B	Friendly Military
MOD5C	Enemy Political
MOD5D	Friendly Political
MOD5E	Political Programs
MOD5F	Social Programs

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Macromodels - 1970

Code	Meaning
MOD3A	Security
MOD3B	Political
MOD3C	Socio-economic

Macromodels - 1971

Code	Meaning
MOD6A	Political Control
MOD6B	Military Control
MOD7A	Security
MOD7B	Community Development

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Table PROVN 292

The PROVN Table is used for output conversion of 2927
two-character Province and Military Region codes to the 2928
Province and MR name. 2929

TABLE PROVN 02 12 OF ZERBE 2932
00 RVN 2933
C1 MR 1 2934
C2 MR 2 2935
C3 MR 3 2936
C4 MR 4 2937
01 QUANG TRI 2938
02 THUA THIEN 2939
03 QUANG NAM 2940
04 QUANG TIN 2941
05 QUANG NGAI 2942
06 KONTUM 2943
07 BINH DINH 2944
08 PLEIKU 2945
09 PHU BON 2946
10 PHU YEN 2947
11 DARLAC 2948
12 KHANH HOA 2949
13 NINH THUAN 295[illegible]
14 TUYEN DUC 29[illegible]
15 QUANG DUC 2952
16 LAM DONG 2953
17 BINH THUAN 2954
18 BINH TUY 2955
19 LONG KHANH 2956
21 PHOUC LONG 2957
22 BINH LONG 2958
23 BINH DOUNG 2959
24 TAY NINH 2960
25 HAU NGHIA 2961
26 BIEN HOA 2962
27 PHUOC TUY 2963
28 LONG AN 2964
29 GIA DINH 2965
30 GO CONG 2966
31 KIEN TUONG 2967
32 KIEN PHONG 2968
33 DINH TUONG 2969
34 KIEN HOA 2970
35 VINH BINH 2971
36 VINH LONG 2972
37 AN GIANG 2973
38 KIEN GIANG 2974

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39	CHUONG THIEN	29
40	PHONG DINH	29??
41	BA XUYEN	2977
42	AN XUYEN	2978
43	BAC LIEU	2979
44	CHAU DOC	2980
46	SA DEC	2981
91	HUE	2982
92	DANANG	2983
93	CAM RANH	2984
94	DALAT	2985
95	VUNG TAU	2986
96	SAIGON	2987

Reference Copy #124

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APPENDIX I

URBAN/RURAL DIFFERENTIATION

It is understood that there can be no hard and fast rules for what is and what is not an urban hamlet. Therefore, the following should be considered as suggestive rather than definitive. For example, if a hamlet fits most of the descriptions of an urban hamlet, yet is in a population area less than the 20,000 figure cited below, it still may be considered urban.

Urban areas differ from rural areas in both physical characteristics and in life styles of the residents. Generally, an urban hamlet is one which itself contains, or is part of, a population mass of 20,000 or more. The population density is high. Houses are close together and the incidence of multi-family dwellings is high. In an urban hamlet, there is a high likelihood of National Police presence. Most urban hamlets will have at least one gas station, probably several. There will be many shops and restaurants which are likely to have signs or billboards in front. As for life style, the chief characteristic is that an urban hamlet's primary occupation is business or commercial activity. The population is made up mostly of wage-earners. In a rural hamlet, of course, the primary occupation is farming or fishing. Notice that a "market hamlet" where much village buiness is conducted probably would be classified as rural if the primary occupation of the residents is still farming or fishing, depending, of course, on the other considerations.

Field HZ Position 1-1 is used to determine the original status for a given hamlet. Once a hamlet has been designated as urban or rural, it's status is not changed regardless of changes in field HZ position 1-1. The status of a hamlet appearing after March 1970 is determined when the hamlet appears and remains unchanged throughout the life of that hamlet.

Reference Copy #125

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***FI18   PRINT OF HEADER LABELS:

VOL1B023260                                  NIH=BTHSDA
HDR1RG330.HES.HAMLA67B0232600010001           87264 000000000000IBM OS/VS 370
HDR2F097500019540JHUP169 /GO            B     60851

***FI21   CURRENT DATA SET NUMBER IS -  00001
***WT2  BLOCK        1, RECORD        1, RECORD        1 IN ENTIRE FILE, RECORD SIZE     195 .
10101000067010                                  0000 00000000000000000000 00 0000 000 00000000000000000000000000NN   00000NNNN
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK        1, RECORD        2, RECORD        2 IN ENTIRE FILE, RECORD SIZE     195 .
10101000067020 HAI LANG         QUANG TRI      0000 00000000000000000000 00 0000 000 00000000000000000000000000NN   00000NNNN
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK        1, RECORD        3, RECORD        3 IN ENTIRE FILE, RECORD SIZE     195 .
10101000067030 HAI LANG         QUANG TRI      0000 00000000000000000000 00 0000 000 00000000000000000000000000NN   00000NNNN
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK        1, RECORD        4, RECORD        4 IN ENTIRE FILE, RECORD SIZE     195 .
10101000067040 HAI LANG         QUANG TRI      0000 00000000000000000000 00 0000 000 00000000000000000000000000NN   00000NNNN
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK        1, RECORD        5, RECORD        5 IN ENTIRE FILE, RECORD SIZE     195 .
10101000067050 HAI LANG         QUANG TRI      0000 00000000000000000000 00 0000 000 00000000000000000000000000NN   00000NNNN
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK        1, RECORD        6, RECORD        6 IN ENTIRE FILE, RECORD SIZE     195 .
10101000067060 HAI LANG         QUANG TRI      0000 00000000000000000000 00 0000 000 00000000000000000000000000NN   00000NNNN
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK        1, RECORD        7, RECORD        7 IN ENTIRE FILE, RECORD SIZE     195 .
10101000067070 HAI LANG         QUANG TRI      0000 00000000000000000000 00 0000 000 00000000000000000000000000NN   00000NNNN
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK        1, RECORD        8, RECORD        8 IN ENTIRE FILE, RECORD SIZE     195 .
10101000067080 HAI LANG         QUANG TRI      0000 00000000000000000000 00 0000 000 00000000000000000000000000NN   00000NNNN
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK        1, RECORD        9, RECORD        9 IN ENTIRE FILE, RECORD SIZE     195 .
10101000067090 HAI LANG         QUANG TRI      0000 00000000000000000000 00 0000 000 00000000000000000000000000NN   00000NNNN
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK        1, RECORD       10, RECORD       10 IN ENTIRE FILE, RECORD SIZE     195 .
10101000067100 HAI LANG         QUANG TRI      0000 00000000000000000000 00 0000 000 00000000000000000000000000NN   00000NNNN
                05000000000000000000000000000000000000000000000000*

***RE5      10 RECORDS PRINTED,       0 RECORDS COPIED IN THIS PHASE.
***SK2   SKIPPED TO END OF FILE.
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Reference Copy #12

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***BS1   00001   BLOCKS BACKSPACED
***WT1  BLOCK AND RECORD NUMBERS RESET TO ZERO DUE TO  A PREVIOUS SKIP
***WT2  BLOCK       1, RECORD       1, RECORD       1 IN ENTIRE FILE, RECORD SIZE     195 .

4460101156703 1CPHU AN          TAN VINH HOA  0118 015WS853372YHTATSHT30 33CHT31GC38C DDC3CCC2CBB3BBB3BBC3BED3SENN   R212LYNNN 4411
4521151113      03CC                                          *

***WT2  BLOCK       1, RECORD       2, RECORD       2 IN ENTIRE FILE, RECORD SIZE     195 .

4460101156704 1CPHU AN          TAN VINH HOA  0118 015WS853372YHTATSHT30 33CHT31GC38C DDC3CCC2CBB3BBB3BBC3BED3SENN   R212LYNNN 4411
4521151113      03CC                                          *

***WT2  BLOCK       1, RECORD       3, RECORD       3 IN ENTIRE FILE, RECORD SIZE     195 .

4460101156705 1CPHU AN          TAN VINH HOA  0118 015WS853351YHTATSHT30 33CHT31GC00 2DDC3CCC2CBB3BBB3BBC3BED3SENN   R212LYNNN0
                03CC                                          *

***WT2  BLOCK       1, RECORD       4, RECORD       4 IN ENTIRE FILE, RECORD SIZE     195 .

4460101156706 1CPHU AN          TAN VINH HOA  0118 015WS853351YHTATSHT30 33CHT31GC00 2DDC3CCC2CBB3BBB3BBC3BED3SENN   R212LYNNN01411
411666221421221 03CC                                          *

***WT2  BLOCK       1, RECORD       5, RECORD       5 IN ENTIRE FILE, RECORD SIZE     195 .

4460101156707 1CPHU AN          TAN VINH HOA  0184B015WS853345YHTATSHT30 38IHT34DC00 1CCD3DCC2BCB3BBB3BBB3CBB3SSNN   R212LYNNN21411
411566221421221 03BC                                          *

***WT2  BLOCK       1, RECORD       6, RECORD       6 IN ENTIRE FILE, RECORD SIZE     195 .

4460101156708 1CPHU AN          TAN VINH HOA  0184B015WS853345YHTATSHT30 38IHT34DC00 1CCD3DCC2BCB3BBB3BBB3CBB3SSNN   R212LYNNN01411
411566221421221 03BC                                          *

***WT2  BLOCK       1, RECORD       7, RECORD       7 IN ENTIRE FILE, RECORD SIZE     195 .

4460101156709 1CPHU AN          TAN VINH HOA  0184B015WS853345YHTATSHT30 38IHT34DC00 1CCD3DCC2BCB3BBB3BBB3CBB3SSNN   R212LYNNN01411
411566221421221 03BC                                          *

***WT2  BLOCK       1, RECORD       8, RECORD       8 IN ENTIRE FILE, RECORD SIZE     195 .

4460101156710 1CPHU AN          TAN VINH HOA  0184B015WS853345YHTATSHT30 38IHT34DC00 1CCD3DCC2BCB3BBB3BBB3CBB3SSNN   R212LYNNN31411
411566221421221 03BC                                          *

***WT2  BLOCK       1, RECORD       9, RECORD       9 IN ENTIRE FILE, RECORD SIZE     195 .

4460101156711 1CPHU AN          TAN VINH HOA  0184B015WS853345YHTATSHT30 38IHT34DC00 1CCD3DCC2BCB3BBB3BBB3CBB3SSNN   R212LYNNN31411
411566221421221 03BC                                          *

***WT2  BLOCK       1, RECORD      10, RECORD      10 IN ENTIRE FILE, RECORD SIZE     195 .

4460101156712 1CPHU AN          TAN VINH HOA  0184B015WS853345YHTATSHT30 38IHT34DC00 1CCD3DCC2BCB3BBB3BBB3CBB3SSNN   R212LYNNN31411
411566221421221 03BC                                          *

***WT2  BLOCK       1, RECORD      11, RECORD      11 IN ENTIRE FILE, RECORD SIZE     195 .

4460101166701 1CSA NHIEN        TAN VINH HOA  0042I016WS825399YHTATSHT25F21AHT23CD28C DDC2CCD2DBD2DCE2EBC2CEE2SENN   R212LYNNN 4411
4521115213      03DC                                          *

***WT2  BLOCK       1, RECORD      12, RECORD      12 IN ENTIRE FILE, RECORD SIZE     195 .

4460101166702 1CSA NHIEN        TAN VINH HOA  0042I016WS825399YHTACCCO25F21ADT23CD28C DDC2CCD2DBD2DCE2EBC2CEE2CONN   R212LYNNN 4411
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***FI18   PRINT OF HEADER LABELS:
VOL1B023260                                NIH=BTHSDA
HDR1RG330.HES.HAMLA68B0232600010002        87264 0000000000000IBM OS/VS 370
HDR2F097500019540JHUP169 /GO          B    60851

***FI21   CURRENT DATA SET NUMBER IS -  00002
***WT2  BLOCK       1, RECORD       1, RECORD       1 IN ENTIRE FILE, RECORD SIZE     195 .
10101000068010 HAI LANG        QUANG TRI     0000 0000000000000000000000 00 0000 000 0000000000000000000000000000NN    00000NNNN
               05000000000000000000000000000000000000000000000000000000000000*
***WT2  BLOCK       1, RECORD       2, RECORD       2 IN ENTIRE FILE, RECORD SIZE     195 .
10101000068020NHAI LANG        QUANG TRI     0000                      00 00 0000 000 0                          00NN    00000NNNN
               05000000000000000000000000000000000000000000000000000000000000*
***WT2  BLOCK       1, RECORD       3, RECORD       3 IN ENTIRE FILE, RECORD SIZE     195 .
10101000068030NHAI LANG        QUANG TRI     0000                      00 00 0000 000 0                          00NN    00000NNNN
               05000000000000000000000000000000000000000000000000000000000000*
***WT2  BLOCK       1, RECORD       4, RECORD       4 IN ENTIRE FILE, RECORD SIZE     195 .
10101000068040NHAI LANG        QUANG TRI     0000                      00 00 0000 000 0                          00NN    00000NNNN
               05000000000000000000000000000000000000000000000000000000000000*
***WT2  BLOCK       1, RECORD       5, RECORD       5 IN ENTIRE FILE, RECORD SIZE     195 .
10101000068050NHAI LANG        QUANG TRI     0000 000                  00 00 0000 000 0                          00NN    00000NNNN
               05000000000000000000000000000000000000000000000000000000000000*
***WT2  BLOCK       1, RECORD       6, RECORD       6 IN ENTIRE FILE, RECORD SIZE     195 .
10101000068060NHAI LANG        QUANG TRI     0000 000                  00 00 0000 000 0                          00NN    00000NNNN
               05000000000000000000000000000000000000000000000000000000000000*
***WT2  BLOCK       1, RECORD       7, RECORD       7 IN ENTIRE FILE, RECORD SIZE     195 .
10101000068070NHAI LANG        QUANG TRI     0000 000                  00 00 0000 000 0                          00NN    0     NNNN
               05000000000000000000000000000000000000000000000000000000000000*
***WT2  BLOCK       1, RECORD       8, RECORD       8 IN ENTIRE FILE, RECORD SIZE     195 .
10101000068080NHAI LANG        QUANG TRI     0000 000                  00 00 0000 000 0                          00NN    0     NNNN
               05000000000000000000000000000000000000000000000000000000000000*
***WT2  BLOCK       1, RECORD       9, RECORD       9 IN ENTIRE FILE, RECORD SIZE     195 .
10101000068090NHAI LANG        QUANG TRI     0000 000                  00 00 0000 000 0                          00NN    0     NNNN
               05000000000000000000000000000000000000000000000000000000000000*
***WT2  BLOCK       1, RECORD      10, RECORD      10 IN ENTIRE FILE, RECORD SIZE     195 .
10101000068100NHAI LANG        QUANG TRI     0000 000                  00 00 0000 000 0                          00NN    0     NNNN
               05000000000000000000000000000000000000000000000000000000000000*
***RE5      10 RECORDS PRINTED,       0 RECORDS COPIED IN THIS PHASE.
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***SK2   SKIPPED TO END OF FILE.
***BS1   00001   BLOCKS BACKSPACED
***WT1  BLOCK AND RECORD NUMBERS RESET TO ZERO DUE TO  A PREVIOUS SKIP
***WT2  BLOCK       1, RECORD       1, RECORD       1 IN ENTIRE FILE, RECORD SIZE     195 .

44604080168051CTHANH PHU       MY AN HUNG    0310D127WS677495YHT  CO16G21A  18ID33C1DDD3EDE3EDD3DDD4DDD4CDD3CONN   R 12YYNNN31121
4156331223113330 3DD                                              *

***WT2  BLOCK       1, RECORD       2, RECORD       2 IN ENTIRE FILE, RECORD SIZE     195 .

44604080168061CTHANH PHU       MY AN HUNG    0310D127WS677495YHT  CO16G21A  18ID33C1DDD3EDE3EDD3DDD4DDD4CDD3CONN   R 12YYNNN31121
4156331223113330 3DD                                              *

***WT2  BLOCK       1, RECORD       3, RECORD       3 IN ENTIRE FILE, RECORD SIZE     195 .

44604080168071CTHANH PHU       MY AN HUNG    0310D127WS677495YHT  CO16G21A  18ID33C1DDD3EDE3EDD3DDD4DDD4CDD3CONN   R 12YYNNN31121
4156331223113330 3DD                                              *

***WT2  BLOCK       1, RECORD       4, RECORD       4 IN ENTIRE FILE, RECORD SIZE     195 .

44604080168081CTHANH PHU       MY AN HUNG    0498I127WS677495NHT  CO11A21A  16AD33C1EED3EEE3EEE3DDD4DDD4CDD3CONN   R    YNNN31122
4136331223113330 3DE                                              *

***WT2  BLOCK       1, RECORD       5, RECORD       5 IN ENTIRE FILE, RECORD SIZE     195 .

44604080168101NTHANH PHU       MY AN HUNG    0498I127WS677495NHTAP CO11A21A  16AD33C1EED3EEE3EEE3DDD4DDD4CDD3CONN   R    YNNN01122
4136331223113330 3DE                                              *

***WT2  BLOCK       1, RECORD       6, RECORD       6 IN ENTIRE FILE, RECORD SIZE     195 .

44604080168111NTHANH PHU       MY AN HUNG    0498I127WS677495NHTAP CO11A21A  16AD33C1EED3EEE3EEE3DDD4DDD4CDD3CONN   R    YNNN31122
4136331223113330 3DE                                              *

***WT2  BLOCK       1, RECORD       7, RECORD       7 IN ENTIRE FILE, RECORD SIZE     195 .

44604080168121CTHANH PHU       MY AN HUNG    0498I127WS677495NHTAP CO11A21A  16AD33C1EED3EEE3EEE3DDD4DDD4CDD3CONN   R    YNNN31122
4136331223113330 3DE                                              *

***WT2  BLOCK       1, RECORD       8, RECORD       8 IN ENTIRE FILE, RECORD SIZE     195 .

44604080268011CTHUAN HOA QUOI  MY AN HUNG    0485F128WS660490YHTATSCO20 22BHT21AD00 1DDD4EDD3DDC4DDC3DDD4CDD4CONN   R212YYNNN21121
4156331221113330 3DD                                              *

***WT2  BLOCK       1, RECORD       9, RECORD       9 IN ENTIRE FILE, RECORD SIZE     195 .

44604080268021CTHUAN HOA QUOI  MY AN HUNG    0485F128WS660490YHT  CO18I20   19DD35 1DDD3EDE3DDC4EDD3DDD4CDD4CONN   R 12YYNNN21121
4156331221113330 3DD                                              *

***WT2  BLOCK       1, RECORD      10, RECORD      10 IN ENTIRE FILE, RECORD SIZE     195 .

44604080268031CTHUAN HOA QUOI  MY AN HUNG    0485F128WS660490YHT  CO18I22B  20FD33C1DDD3EDE3DDC3DDC3DDD4CDD4CONN   R 12YYNNN11121
4156331221113330 3DD                                              *

***WT2  BLOCK       1, RECORD      11, RECORD      11 IN ENTIRE FILE, RECORD SIZE     195 .

44604080268041CTHUAN HOA QUOI  MY AN HUNG    0485F128WS660490YHT  CO18I22B  20FD33C1DDD3EDE3DDC3DDC3DDD4CDD4CONN   R 12YYNNN31121
4156331231113330 3DD                                              *

***WT2  BLOCK       1, RECORD      12, RECORD      12 IN ENTIRE FILE, RECORD SIZE     195 .
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```
***FI18   PRINT OF HEADER LABELS:

VOL1B023260                                  NIH=BTHSDA

HDR1RG330.HES.HAMLA69B0232600010003          87264 000000000000IBM OS/VS 370
HDR2F097500019540JHUP169 /GO            B    60851

***FI21   CURRENT DATA SET NUMBER IS -  00003
***WT2  BLOCK       1, RECORD       1, RECORD       1 IN ENTIRE FILE, RECORD SIZE     195 .

10101000069010NHAI LANG        QUANG TRI     0000 000                 00 00 0000 000 0                    00NN   0    NNNN
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK       1, RECORD       2, RECORD       2 IN ENTIRE FILE, RECORD SIZE     195 .

10101000069020NHAI LANG        QUANG TRI     0000 000                 00 00 0000 000 0                    00NN   0    NNNN
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK       1, RECORD       3, RECORD       3 IN ENTIRE FILE, RECORD SIZE     195 .

10101000069030NHAI LANG        QUANG TRI     0000 000                 00 00 0000 000 0                    00NN   0    NNNN
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK       1, RECORD       4, RECORD       4 IN ENTIRE FILE, RECORD SIZE     195 .

10101000069040NHAI LANG        QUANG TRI     0000 000                 00 00 0000 000 0                    00NN   0    NNNN
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK       1, RECORD       5, RECORD       5 IN ENTIRE FILE, RECORD SIZE     195 .

10101000069050NHAI LANG        QUANG TRI     0000 000                 00 00 0000 000 0                    00NN   0    NNNN
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK       1, RECORD       6, RECORD       6 IN ENTIRE FILE, RECORD SIZE     195 .

10101000069060NHAI LANG        QUANG TRI     0000 000                 00 00 0000 000 0                    00000000
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK       1, RECORD       7, RECORD       7 IN ENTIRE FILE, RECORD SIZE     195 .

10101000069070NHAI LANG        QUANG TRI     0000 000                 00 00 0000 000 0                    00000000
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK       1, RECORD       8, RECORD       8 IN ENTIRE FILE, RECORD SIZE     195 .

10101000069080NHAI LANG        QUANG TRI     0000 000                 00 00 0000 000 0                    00000000
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK       1, RECORD       9, RECORD       9 IN ENTIRE FILE, RECORD SIZE     195 .

10101000069090NHAI LANG        QUANG TRI     0000 000                 00 00 0000 000 0                    00000000
                05000000000000000000000000000000000000000000000000*

***WT2  BLOCK       1, RECORD      10, RECORD      10 IN ENTIRE FILE, RECORD SIZE     195 .

10101000069100NHAI LANG        QUANG TRI     0000 000                 00 00 0000 000 0                    00000000
                05000000000000000000000000000000000000000000000000*

***RE5      10 RECORDS PRINTED,       0 RECORDS COPIED IN THIS PHASE.
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Reference Copy #130

Reference Copy #131

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***SK2   SKIPPED TO END OF FILE.
***BS1   00001   BLOCKS BACKSPACED
***WT1  BLOCK AND RECORD NUMBERS RESET TO ZERO DUE TO  A PREVIOUS SKIP
***WT2  BLOCK        1, RECORD        1, RECORD        1 IN ENTIRE FILE, RECORD SIZE     195 .

10401030269121 TU NGOC          BINH TU       0169E011BT203368PHTADMDE37H35F  36GB30 1BCB3BBC3BBB3BBB3CCB3BCC3SE     R         31111
112222211121221  BB                                                *

***WT2  BLOCK        1, RECORD        2, RECORD        2 IN ENTIRE FILE, RECORD SIZE     195 .

10401030369011CTU PHUONG        BINH TU       0092 013BT230352PCCAP HT30 32B  31AC31G1CCC3CCC3CCC4CBC3DCC3BBC3SENY   R     YNYY31111
11332211112133205CC                                                *

***WT2  BLOCK        1, RECORD        3, RECORD        3 IN ENTIRE FILE, RECORD SIZE     195 .

10401030369021CTU PHUONG        BINH TU       0125B013BT230352PCCAP HT30 32B  31AC31G1CCC3CCC3CCC4CBC3DCC3BBC3SENY   R     YNYY31111
11332211112133205CC                                                *

***WT2  BLOCK        1, RECORD        4, RECORD        4 IN ENTIRE FILE, RECORD SIZE     195 .

10401030369031 TU PHUONG        BINH TU       0125B013BT230352PCCAP HT30 33C  31GC30 1CCC3CCC3CCC3CBC3CCC3BBC3SENY   R     YNYY31111
11332211112133205CC                                                *

***WT2  BLOCK        1, RECORD        5, RECORD        5 IN ENTIRE FILE, RECORD SIZE     195 .

10401030369041 TU PHUONG        BINH TU       0125B013BT230352PCCAP HT30 33C  31GC30 1CCC3CCC3CCC3CBC3CCC3BBC3SENY   R     YNYY31111
11332211112133205CC                                                *

***WT2  BLOCK        1, RECORD        6, RECORD        6 IN ENTIRE FILE, RECORD SIZE     195 .

10401030369051 TU PHUONG        BINH TU       0125B013BT230352PCCAP HT30 33C  31GC30 1CCC3CCC3CCC3CBC3CCC3BBC3SENN   R     NNNN31111
11332211112133205CC                                                *

***WT2  BLOCK        1, RECORD        7, RECORD        7 IN ENTIRE FILE, RECORD SIZE     195 .

10401030369061 TU PHUONG        BINH TU       0125B013BT230352PCCAP HT36G33C  35 B30 1BCC3BBC3BBB3CBC3CCC3BBC3SE     R         31111
11332211112133105CB                                                *

***WT2  BLOCK        1, RECORD        8, RECORD        8 IN ENTIRE FILE, RECORD SIZE     195 .

10401030369071 TU PHUONG        BINH TU       0125B013BT230352PCCAP HT36G33C  35 B30 1BCC3BBC3BBB3CBC3CCC3BBC3SE     R         31111
11332211112133105CB                                                *

***WT2  BLOCK        1, RECORD        9, RECORD        9 IN ENTIRE FILE, RECORD SIZE     195 .

10401030369081 TU PHUONG        BINH TU       0125B013BT230352PCCAP HT36G33C  35 B30 1BCC3BBC3BBB3CBC3CCC3BBC3SE     R         31111
11332211112133105CB                                                *

***WT2  BLOCK        1, RECORD       10, RECORD       10 IN ENTIRE FILE, RECORD SIZE     195 .

10401030369091 TU PHUONG        BINH TU       0125B013BT230352PCCAP HT36G33C  35 B30 1BCC3BBC3BBB3CBC3CCC3BBC3SE     R         31111
11332211112133105CB                                                *

***WT2  BLOCK        1, RECORD       11, RECORD       11 IN ENTIRE FILE, RECORD SIZE     195 .

10401030369101 TU PHUONG        BINH TU       0025B013BT230352PCCAP HT36G33C  35 B30 1BCC3BBC3BBB3CBC3CCC3BBC3SE     R         31111
11332211112133105CB                                                *

***WT2  BLOCK        1, RECORD       12, RECORD       12 IN ENTIRE FILE, RECORD SIZE     195 .
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***FI18   PRINT OF HEADER LABELS:

VOL1B023280                                NIH=BTHSDA
HDR1RG330.HES71.Y71  B0232800010001         87274 000000000000IBM OS/VS 370
HDR2F186000037240JHUP171 /GO          B     60826

***FI21   CURRENT DATA SET NUMBER IS -  00001
***WT2  BLOCK       1, RECORD       1, RECORD       1 IN ENTIRE FILE, RECORD SIZE     372 .

101010100V
7107YD46158600000 00452 00298F00153D00452 0EB09999999  030010010031212122433334251 31*270322100031120241100321013210112123212400004
11221513441710700000 BBCBBBCBBDCBBBCBCBCCBBBBCBANBBBNCACCNBBD710700452 BBCBBBBBBCC          BA A BBBBBBNBBCCBBBD*

***WT2  BLOCK       1, RECORD       2, RECORD       2 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7108YD46158600000 00452 00298F00153D00452 0EB09999999  030010010031212122433334251 31*270322100031120241100321013210112123212400004
11221513441710800000 BBCBBBCBBDCBBBCBCBCCBBBBCBANBBBNCACCNBBD710800452 BBCBBBBBBCC          BA A BBBBBBNBBCCBBBD*

***WT2  BLOCK       1, RECORD       3, RECORD       3 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7109YD46158600000 00452 00298F00153D00452 0EB09999999  030000010031212123422234351 31*371322100022220233102321013210112121022400004
00221514541710900000 BBCBBBCBBCCBBBCBCBBCBBBBCBBNABANBACCNBBB710900452 BBCBBBBABBC          BA A ABBAAANBACCCBBB*

***WT2  BLOCK       1, RECORD       4, RECORD       4 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7110YD46158600000 00452 00298F00153D00452 0EB09999999  030000010031212123422234351 31*371322100022200000000321013210112121022400004
00221514541711000000 BBDBBBCBBCCBBBDBCBBCDBBBCBBNABANBACCNBEB711000452 BBCBBBBABBC          BA B ABBAAANBACCCBCB*

***WT2  BLOCK       1, RECORD       5, RECORD       5 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7111YD46158600000 00452 00298F00153D00452 0EB09999999  030000010031212123422234351 31*371322100022200000000321013210112121022400004
00221514541711100000 BBDBBBCBBCCBBBDBCBBCDBBBCBBNABANBACCNBEB711100452 BBCBBBBABBC          BA A ABBAAANBACCCBCB*

***WT2  BLOCK       1, RECORD       6, RECORD       6 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7112YD46158600000 00452 00298F00153D00452 0EB09999999  030010010031233323432234351 21*372332100022220253102321013211113121122410103
10221513541711200000 BBCBBBCBBCCBBBCBBBBCBBBBBBBNBBANBABCNBBB711200452 BBBBBBBBABB          BA A AABBBANBABCBBBB*

***WT2  BLOCK       1, RECORD       7, RECORD       7 IN ENTIRE FILE, RECORD SIZE     372 .

101010101H7107YD4665840145A0145A0000 B099909999R130000000000000000000041004210034034221434 23*3*122082310223123322223110202200163 00

          710700145ABBCBBBBBBCCBBBCBBBBCBBAACBBBBBBNBBCCBBBD                                                    B*

***WT2  BLOCK       1, RECORD       8, RECORD       8 IN ENTIRE FILE, RECORD SIZE     372 .

101010101 7108YD4665840145A0145A0000 B099909999R130000000000000000000041004210034034221434 23*3*122082310223123322223110202200163 00

          710800145ABBCBBBBBBCCBBBCBBBBCBBAACBBBBBBNBBCCBBBD                                                    B*

***WT2  BLOCK       1, RECORD       9, RECORD       9 IN ENTIRE FILE, RECORD SIZE     372 .

101010101 7109YD4665840145A0145A0000 B099909999R130000000000000000000041004220035034222444 13*3*122082220323123322223010102200116 30
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          710900145ABBCBBBBABBCBBACBBABCBBAABABBAAANBACCBBBB                                                    B*
***WT2  BLOCK       1, RECORD      10, RECORD      10 IN ENTIRE FILE, RECORD SIZE     372 .
101010101 7110YD4665840145A0145A0000 B099909999R13000000000000000000214100422003503422244413*3*12208222032312332222301010220011630
          711000145ABBCBBBBABBCBBACBBABCBBABBABBAAANBACCBBCB                                                    B*
***RE5      10 RECORDS PRINTED,       0 RECORDS COPIED IN THIS PHASE.
***SK2   SKIPPED TO END OF FILE.
***BS1   00001   BLOCKS BACKSPACED
***WT1  BLOCK AND RECORD NUMBERS RESET TO ZERO DUE TO  A PREVIOUS SKIP
***WT2  BLOCK       1, RECORD       1, RECORD       1 IN ENTIRE FILE, RECORD SIZE     372 .
446040902 7111WS6604900304H0304H0000 B099909999R44000000000000000000023000422103415422252223*3*12208223123112015213311001000007610
          711100304HBBBABBBAABBBBABBBAABABAABAABAAANAABBBAAA                                                    A*
***WT2  BLOCK       1, RECORD       2, RECORD       2 IN ENTIRE FILE, RECORD SIZE     372 .
446040902 7112WS6604900304H0304H0000 B099909999R44000100000000000000023000422103415422252223*3*12208233123112015213300013012007610
          711200304HBBBBBBBABBBBBABBBAABAABABAABAAANABBACABA                                                    A*
***WT2  BLOCK       1, RECORD       3, RECORD       3 IN ENTIRE FILE, RECORD SIZE     372 .
446040903H7107WS6345130543F0543F0000 B099919999R44000000000000000000013000431103415422242223*4*12322332123212114213310000000007611
          710700543FBBBABBBAABBBBABBBABBABAABBABAAABAACBABAA                                                    A*
***WT2  BLOCK       1, RECORD       4, RECORD       4 IN ENTIRE FILE, RECORD SIZE     372 .
446040903 7108WS6345130543F0543F0000 B099919999R44000000000000000000013000431103415422242223*4*12322332123212114213310000000007611
          710800543FBBBABBBAABBBBABBBABBABAABBABAAABAACBABAA                                                    A*
***WT2  BLOCK       1, RECORD       5, RECORD       5 IN ENTIRE FILE, RECORD SIZE     372 .
446040903 7109WS6345130543F0543F0000 B099919999R44000000000000000000023000432103515422252223*3*12322313123212015213310000000007611
          710900543FBBBABBBAABBBBABBBABBABAABAABAAABAABBAAAA                                                    A*
***WT2  BLOCK       1, RECORD       6, RECORD       6 IN ENTIRE FILE, RECORD SIZE     372 .
446040903 7110WS6345130543F0543F0000 B099919999R44000000000000000000023000432103515422252223*3*12322313123212015213310000000007611
          711000543FBBBABBBAABBBBABBBABBABAABAABAAABAABBAAAA                                                    A*
***WT2  BLOCK       1, RECORD       7, RECORD       7 IN ENTIRE FILE, RECORD SIZE     372 .
446040903 7111WS6345130543F0543F0000 B099919999R44000000000000000000023000432103515422252223*3*12322313123212015213310000000007611
          711100543FBBBABBBAABBBBABBBABBABAABAABAAABAABBAAAA                                                    A*
***WT2  BLOCK       1, RECORD       8, RECORD       8 IN ENTIRE FILE, RECORD SIZE     372 .
446040903 7112WS6345130543F0543F0000 B099909999R44000100000000000000023000432103515422152223*3*12322213123212005213310010010007610
          711200543FBBBBBBBABBBBBBBBBABBAABABAABAAACABBBDBAA                                                    A*
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***FI18   PRINT OF HEADER LABELS:

VOL1B023280                                NIH=BTHSDA

HDR1RG330.HES71.Y72  B0232800010002        87274 000000000000IBM OS/VS 370
HDR2F186000037240JHUP171 /GO          B    60826


***FI21   CURRENT DATA SET NUMBER IS -  00002
***WT2  BLOCK       1, RECORD       1, RECORD       1 IN ENTIRE FILE, RECORD SIZE     372 .

101010100V
7201YD46158600000 00452 00298F00153D00452 0EB09999999  03001001003123332343223435121*37233210002222025310232101321111312112241010 3
10221513541720100000 BBCBBBCBBCCBBBCBBBBCBBBBBBBNBBANBABCNBBB720100452 BBBBBBBBABB          BA A AABBBANBABCBBBB*

***WT2  BLOCK       1, RECORD       2, RECORD       2 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7202YD46158600000 00452 00298F00153D00452 0EB09999999  03001001003123332343223435121*37233210002222025310232101321111312112241010 3
10221513541720200000 BBCBBBCBBCCBBBCBBBBCBBBBBBBNBBANBABCNBBB720200452 BBBBBBBBABB          BA A AABBBANBABCBBBB*

***WT2  BLOCK       1, RECORD       3, RECORD       3 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7203YD46158600000 00452 00298F00153D00452 0ED09999999  32322022903123332343223435121*37233210002222025310232101321111312112241010 3
10221513541720300000 DDCCEEDCBCCDEBCECCBCBDEDBDBNCCANBABCNBBB720300452 DDCCDDCCBBB          CD D DABBCANBBBCBBCB*

***WT2  BLOCK       1, RECORD       4, RECORD       4 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7204        00000 00145 00095 00050 00145 0EV99999999  41339999999999999999999999999*99999999999999999999999999999999999999999999
99999999999720400000 EENNEENNNNNNENNENNNNNDEENENNNNNNNNNNNNNN720400145 VENEEENENNN          EE E DNNNDNNNNNNNNNN*

***WT2  BLOCK       1, RECORD       5, RECORD       5 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7205        00000 00145 00095 00050 00145 0EV99999999  41339999999999999999999999999*99999999999999999999999999999999999999999999
99999999999720500000 EENNEENNNNNNENNENNNNNDEENENNNNNNNNNNNNNN720500145 VENEEENENNN          EE E DNNNDNNNNNNNNNN*

***WT2  BLOCK       1, RECORD       6, RECORD       6 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7206        00000 00244F00184F00060 00244F0EE99999999  41333443219999990059000099900*09900090000000000060000000000000009999999999999
99999999999720600000 EEEEEENDEEEEEEEEEDEEEEEENEENDDENEEEENEEN720600244FEEEEEDEEEEN          DD E EEEEDENNENNNNNN*

***WT2  BLOCK       1, RECORD       7, RECORD       7 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7207        00000 00170 00115 00055 00170 0EE99999999  41333443219999990059000099900*09900090000000000060000000000000009999999999999
99999999999720700000 EEEEEENDEEEEEEEEEDEEEEEENEENDDENEEEENEEN720700170 EEEEEDEEEEN          DD E EEEEDENNENNNNNN*

***WT2  BLOCK       1, RECORD       8, RECORD       8 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7208        00000 00189G00142D00047C00189G0EE99999999  41333443219999990059000099900*09900090000000000060000000000000009999999999999
99999999999720800000 EEEEEENDEEEEEEEEEDEEEEEENEENDDENEEEENEEN720800189GEEEEEDEEEEN          DD E EEEEDENNENNNNNN*

***WT2  BLOCK       1, RECORD       9, RECORD       9 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
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7209        00000 00018B00014C00003I00018B0EE99999999  31203443219999990059000099900*0990009000000000006000000000000000999999999999
99999999999720900000 EEEENENDEEEEEEEEDDEEEEENNCENDDENEEEENEEN720900018BEEEEEDEEEEN          DD E DEEEDENNENNNNNN*

***WT2  BLOCK       1, RECORD      10, RECORD      10 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7210        00000 00018B00014C00003I00018B0EE99999999  12123443219999990059000099900*0990009000000000006000000000000000999999999999
99999999999721000000 EEEEDDNDEEEEDEEDEDEEEEBDNDENDDENEEEENEEN721000018BEEEEEDEEEEN          DC E EEEEDENNENNNNNN*

***RE5      10 RECORDS PRINTED,       0 RECORDS COPIED IN THIS PHASE.
***SK2   SKIPPED TO END OF FILE.
***BS1   00001   BLOCKS BACKSPACED
***WT1  BLOCK AND RECORD NUMBERS RESET TO ZERO DUE TO  A PREVIOUS SKIP
***WT2  BLOCK       1, RECORD       1, RECORD       1 IN ENTIRE FILE, RECORD SIZE     372 .

446011300
7112WS72548900000 00579D00579D00000 00579D0CA09999999  03000000003323332223453445131*3763321333342222110443110232213341301301303 33
10240004542711200000 BBBBBBCBACBBBBBBBBBBAABBBBANABABAABANBAA711200579DAABAAABAABB          AA A AABAAAAAABAEBAA*

***WT2  BLOCK       1, RECORD       2, RECORD       2 IN ENTIRE FILE, RECORD SIZE     372 .

446011301H7106WS7254890254 0254 0000 C099919999R33000200010001000030013211421102414322152423*4*13221232124313225343301010010002611

          710600254 CCBCCCCCBBBBBCBCBCBBABCBCBACBCABACBBDAAC                                                    A*

***WT2  BLOCK       1, RECORD       3, RECORD       3 IN ENTIRE FILE, RECORD SIZE     372 .

446011301 7112WS7254890264 0264 0000 A099919999R45000000000000000000023000422003415422253323*4*03222333124313225223300010111002611

          711200264 AABAAABAABBAAABABAABAAAABAABAAAAAABAEBAA                                                    A*

***WT2  BLOCK       1, RECORD       4, RECORD       4 IN ENTIRE FILE, RECORD SIZE     372 .

446011302H7106WS7434930119D0119D0000 C099909999R22000100010001000030013100422002405422232323*2*13208222114113202212301000000002610

          710600119DCCCCBBBBCCBBBBBBBBBBBBBBBBBCABANBCCBABAC                                                    A*

***WT2  BLOCK       1, RECORD       5, RECORD       5 IN ENTIRE FILE, RECORD SIZE     372 .

446011302 7112WS7434930125H0125H0000 A099909999R34000000000000000000023000422003415422243323*2*13212323024113225322201010110002610

          711200125HAABAAABAABBAAABABAABAAAABAABAAAAAABBDBAA                                                    A*

***WT2  BLOCK       1, RECORD       6, RECORD       6 IN ENTIRE FILE, RECORD SIZE     372 .

446011303H7106WS7065000165E0165E0000 C099909999R33000000000000000000013111421003405442132422*2*13208222114113202213301010010002610

          710600165ECCCCBBBBCCCBBBCBBBBCBBABCBBBBBANBCCBDBBC                                                    A*

***WT2  BLOCK       1, RECORD       7, RECORD       7 IN ENTIRE FILE, RECORD SIZE     372 .

446011303 7112WS7065000189F0189F0000 A099909999R34000000000000000000023000422003415422243323*3*03212333024113225222300010111002610

          711200189FAABAAABAABBAAABABAABAAAABAABAAAAAABAEBAA                                                    A*

***RE4   END OF FILE ON INPUT TAPE
***RE5       7 RECORDS PRINTED,       0 RECORDS COPIED IN THIS PHASE.

***FI23   PRINT OF TRAILER LABELS:
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***FI18   PRINT OF HEADER LABELS:
VOL1B023280                                NIH=BTHSDA
HDR1RG330.HES71.Y73  B0232800010003       87274 000000000000IBM OS/VS 370
HDR2F186000037240JHUP171 /GO          B   60826

***FI21   CURRENT DATA SET NUMBER IS -  00003
***WT2  BLOCK       1, RECORD       1, RECORD       1 IN ENTIRE FILE, RECORD SIZE     372 .

101010100V
7301        00018B00000 00000 00000 00018B0CE99990999  03123443219999990059000099900*0990009000000000006000000000000000999999999999
99999999999730100018BEEEEDDNDEEEEDEEDEDEEEEBDNDENDDENEEEENEEN730100018BEEEEDDNDEEE          EB D DENDDENEEEENEEN*

***WT2  BLOCK       1, RECORD       2, RECORD       2 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7302        00018B00000 00000 00000 00018B0CE99990999  03103443219999990059000099900*0990009000000000006000000000000000999999999999
99999999999730200018BEEEEDDNDEEEEDEEDDDEEEEBBNBENDDENEEEENEEN730200018BEEEEDDNDEEE          EB B BENDDENEEEENEEN*

***WT2  BLOCK       1, RECORD       3, RECORD       3 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7303        00020 00000 00000 00000 00020 0CC99990999  03101100013220990059000099900*0990009000000000006000000000000000999999999999
99999999999730300020 CCEDBBCBEEEDBEEBCBEEEBBBCBENBBENEEEENEEN730300020 CCEDBBCBEEE          BB B BENBBENEEEENEEN*

***WT2  BLOCK       1, RECORD       4, RECORD       4 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7304        00020 00000 00000 00000 00020 0CC99990999  03101000013320990059000099900*0990009000000000006000000000000000999999999999
99999999999730400020 CCEDBBCBEEEDBEEBCBEEEABBBBENBBENEEEENEEN730400020 CCEDBBCBEEE          AB B BENBBENEEEENEEN*

***WT2  BLOCK       1, RECORD       5, RECORD       5 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7305        00020 00000 00000 00000 00020 0CC99990999  03101000013320990059000099900*0990009000000000006000000000000000999999999999
99999999999730500020 CCEDBBCBEEEDBEEBCBEEEABBBBENBBENEEEENEEN730500020 CCEDBBCBEEE          AB B BENBBENEEEENEEN*

***WT2  BLOCK       1, RECORD       6, RECORD       6 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7306        00020 00000 00000 00000 00020 0CC99990999  03101000013320990059000099900*0990009000000000006000000000000000999999999999
99999999999730600020 CCEDBBCBEEEDBEEBCBEEEABBBBENBBENEEEENEEN730600020 CCEDBBCBEEE          AB B BENBBENEEEENEEN*

***WT2  BLOCK       1, RECORD       7, RECORD       7 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7307        00000 00039B00039B00000 00039B0CB09990999  03101300013323332333443435131*1782220333323220006003001210000013102024101 22
10031632522730700000 CCDBCCCBBCEBBBDCBBBECCBBBBANBBABABEDNBCD730700039BBBDBABABBCD          CA A AABBBACABDDDBCD*

***WT2  BLOCK       1, RECORD       8, RECORD       8 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7308        00000 00089C00089C00000 00089C0CB09990999  03101300013323332333443435131*1782220333323220006003001210000013102024101 22
10031632522730800000 CCDBCCCBBCEBBBDCBBBECCBBBBANBBABABEDNBCD730800089CBBBDBABABBCD          CA A AABBBACABDDDBCD*

***WT2  BLOCK       1, RECORD       9, RECORD       9 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
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```
7309        00000 00089C00089C00000 00089C0CB09990999  03101100013313322333443435131*178222033330288000600300113210001310202410102
1000163150173090000 0 BBDBBBCBBDDBBBDBBBCDDBBBBBANBBABCBCDNBDD730900089CBBDBBBBBBCD          BA A AABBBAABBCDDADD*

***WT2  BLOCK       1, RECORD      10, RECORD      10 IN ENTIRE FILE, RECORD SIZE     372 .

101010100
7310        00000 00089C00089C00000 00089C0CB09990999  03101100013313322333443435131*178222033330288000600300113210001310202410102
1000163150173100000 0 BBDBBBCBBDDBBBDBBBCDDBBBBBANBBABCBCDNBDD731000089CBBDBBBBBBCD          BA A AABBBAABBCDDADD*

***RE5      10 RECORDS PRINTED,       0 RECORDS COPIED IN THIS PHASE.
***SK2   SKIPPED TO END OF FILE.
***BS1   00001   BLOCKS BACKSPACED
***WT1  BLOCK AND RECORD NUMBERS RESET TO ZERO DUE TO  A PREVIOUS SKIP
***WT2  BLOCK       1, RECORD       1, RECORD       1 IN ENTIRE FILE, RECORD SIZE     372 .

434071205 7312XR6209880069A0069A0000 C099009999R0000000000000000000000241104311013124621145 23*1*121120810330011011123010001100026 10

          731200069ACCDCBBBBCCCCBCCBBBCCCBAABBBDBBADBCBCDBDA                                                                A*

***WT2  BLOCK       1, RECORD       2, RECORD       2 IN ENTIRE FILE, RECORD SIZE     372 .

434071206H7301XS6010290040I0040I0000 C099009999R0100000000000000000000241104321023144221344 23*3*120222810240120012233000000000026 10

          730100040ICCCCBBBBCCBBBBBBBBBBBBAABABCBBACBCBBABBA                                                               A*

***WT2  BLOCK       1, RECORD       3, RECORD       3 IN ENTIRE FILE, RECORD SIZE     372 .

434071206 7302XS6010290040I0040I0000 C099009999R0100010000001000003002411043210231442213442 3*3*120222810240120012233000000000026 10

          730200040ICCCCBBBBCCBBBBBBBBBBBBABBBCBBACBCBBABBA                                                               A*

***WT2  BLOCK       1, RECORD       4, RECORD       4 IN ENTIRE FILE, RECORD SIZE     372 .

434071206 7303XS6010290040I0040I0000 C099009999R0100000000000000000000241104321023144221344 23*3*120222810240120012233000000000026 10

          730300040ICCCCBBBBCCBBBBCBBBBBCBAABABCBBACBCBBAEBA                                                               A*

***WT2  BLOCK       1, RECORD       5, RECORD       5 IN ENTIRE FILE, RECORD SIZE     372 .

434071206 7304XS6010290040I0040I0000 C099009999R0100000000001000002002411043210231442213442 3*3*120222810240120012233000000000026 10

          730400040ICCCCBBBBCCBBBBCBBBBBCBBABBBCBBACBCBBAEBA                                                               A*

***WT2  BLOCK       1, RECORD       6, RECORD       6 IN ENTIRE FILE, RECORD SIZE     372 .

434071206 7305XS6010290040I0040I0000 C099009999R0100010000000000000000241104321023144221344 23*3*120222810240120012233000000000026 10

          730500040ICCCCBBBBCCBBBBCBBBBBCBBABABCBBACBCBBAEBA                                                               A*

***WT2  BLOCK       1, RECORD       7, RECORD       7 IN ENTIRE FILE, RECORD SIZE     372 .

434071206 7306XS6010290040I0040I0000 C099009999R0100000000000000000000241104321023144221344 22*2*120222810240120012133000000000026 10

          730600040ICCCCBBBBCCBBBBBBBBBBBBAABABCBBACBCBBACBA                                                               A*

***WT2  BLOCK       1, RECORD       8, RECORD       8 IN ENTIRE FILE, RECORD SIZE     372 .

434071206 7307XS6010290040I0040I0000 C099009999R0100000000000000000000241104321023144221344 22*2*120222810240120012133000000000026 10

          730700040ICCCCBBBBCCBBBBBBBBBBBBAABABCBBACBCBBACBA                                                               A*
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***FI18   PRINT OF HEADER LABELS:
VOL1B023280                                NIH=BTHSDA
HDR1RG330.HES71.Y74  B0232800010004       87274 000000000000IBM OS/VS 370
HDR2F186000037240JHUP171 /GO          B   60826

***FI21   CURRENT DATA SET NUMBER IS -  00004
***WT2  BLOCK       1, RECORD       1, RECORD       1 IN ENTIRE FILE, RECORD SIZE     372 .

101010100V
7401YD49356200000 00167F00102H00064H00167F0EB09990999  03102100113223312333443435131*178222022220288000600322113210001110202010002
1000063140174010000 CCDCBBCCBDDCBCDBBCCDCBBBBBANCCBCCBCDNBDC740100167FBBDBABABBCD          BA A AABBBABCCCDDBDC*

***WT2  BLOCK       1, RECORD       2, RECORD       2 IN ENTIRE FILE, RECORD SIZE     372 .

101010101H7401YD4895620051B0051B0000 B099909999R810000000000000000000231005320044054222533883*3*223222810120123241213110420120026 30
          740100051BBBDBABABBCDBABDBABBDCBAAAAABBBABDCCDDBDC                                                                    C*

***WT2  BLOCK       1, RECORD       3, RECORD       3 IN ENTIRE FILE, RECORD SIZE     372 .

101010102H7401YD4895630043D0043D0000 B099909999R810000000000000000000231005320044054222533883*3*223222810120123241223110420120026 30
          740100043DBBDBABABBCDBABDBABBDCBAAAAABBBABDCCDDBDC                                                                    C*

***WT2  BLOCK       1, RECORD       4, RECORD       4 IN ENTIRE FILE, RECORD SIZE     372 .

101010103H7401YD4895640008B0008B0000 B099909999R810000000000000000000231005320044054222533883*3*223222810120123241213110420120026 30
          740100008BBBDBABABBCDBABDBABBDCBAAAAABBBABDCCDDBDC                                                                    C*

***WT2  BLOCK       1, RECORD       5, RECORD       5 IN ENTIRE FILE, RECORD SIZE     372 .

101010104H7401YD4935620021 0000 0021 C099919999R820000000000000000000232104211034244221445 82*3*321221830320124251213110422120026 31
          740100021 CCDCBBBCCBDCBCDBBCBDCBAABBABCBBCBCCDDADC                                                                    C*

***WT2  BLOCK       1, RECORD       6, RECORD       6 IN ENTIRE FILE, RECORD SIZE     372 .

101010105H7401YD4935630043H0000 0043HC099909999R820000000000000000000232104211034244221445 82*3*321221830320124251213110422120026 30
          740100043HCCDCBBBCCBDCBCDBBCBDCBAABBABCBBCBCCDDADC                                                                    C*

***WT2  BLOCK       1, RECORD       7, RECORD       7 IN ENTIRE FILE, RECORD SIZE     372 .

101010200V
7401YD42055300000 00408A00408A00000 00408A0FB09990999  00102100113323332333443435131*178223033220321000600322113300021310200410153
2033363240274010000 CCDCCCCCBDCCCCCCBCCCCCBCBBANCCABCBCCNBDC740100408ABBCBBBABBBC          BA B AABBBABBBBCDADC*

***WT2  BLOCK       1, RECORD       8, RECORD       8 IN ENTIRE FILE, RECORD SIZE     372 .

101010201H7401YD4485400038C0038C0000 B099919999R810000000000000000000231004220044054222533833*3*133222820330114342313110422120026 11
          740100038CBBCBBBABBBCBBBCBABBCCBABAAABBBABBBBCDADC                                                                    C*

***WT2  BLOCK       1, RECORD       9, RECORD       9 IN ENTIRE FILE, RECORD SIZE     372 .

101010202H7401YD4545350152 0152 0000 B099919999R810000000000000000000231004220044054222533833*3*133222820330114343323110422120026 11
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          740100152 BBCBBBABBBCBBBCBABBCCBABAAABBBABBBBCDADC                                                    C*

***WT2  BLOCK       1, RECORD      10, RECORD      10 IN ENTIRE FILE, RECORD SIZE     372 .

101010203H7401YD4585290068E0068E0000 B099919999R8200000000000000000000231004220044054222533833*3*133222820330114342313110422120026 11

          740100068EBBCBBBABBBCBBBCBABBCCBABAAABBBABBBBCDADC                                                    C*

***RE5      10 RECORDS PRINTED,       0 RECORDS COPIED IN THIS PHASE.
***SK2   SKIPPED TO END OF FILE.
***BS1   00001   BLOCKS BACKSPACED
***WT1  BLOCK AND RECORD NUMBERS RESET TO ZERO DUE TO  A PREVIOUS SKIP
***WT2  BLOCK       1, RECORD       1, RECORD       1 IN ENTIRE FILE, RECORD SIZE     372 .

446030802H7401WS7463030186D0186D0000 A099009999R0300000000000000000000280001320045064222533233*3*0342228212401330121330000000000761 0

          740100186DAABAAAAAAABBAAABAAAABBAAABAAAAAACAACBABBA                                                   A*

***WT2  BLOCK       1, RECORD       2, RECORD       2 IN ENTIRE FILE, RECORD SIZE     372 .

446040100V
7401WS56743000000 00916A00916A00000 00916A0CA09190999  0300000000332333234355344513 1*3463331330344222210448881233323321301300303 42
32244003542740100000 BBBBBBCBACBBBBBBBBBBBAABBBBANABABAAABNBAA740100916AAABAAAAAABB          AA A AABAAAAAAABDBAA*

***WT2  BLOCK       1, RECORD       3, RECORD       3 IN ENTIRE FILE, RECORD SIZE     372 .

446040101H7401WS5674300425E0425E0000 A019019999R8500000000000000000000230001330035054222544 23*4*0332230324431308834330000011000761 1

          740100425EAABAAAAAAABBAAABAAAABAAAAAAABAAAAAAABDBAA                                                   A*

***WT2  BLOCK       1, RECORD       4, RECORD       4 IN ENTIRE FILE, RECORD SIZE     372 .

446040102H7401WS5734110281D0281D0000 A099009999R8400000000000000000000230001330035054222544 83*3*0332238314411308821330000011000761 0

          740100281DAABAAAAAAABBAAABAAAABAAAAAAABAAAAAAABBDBAA                                                  A*

***WT2  BLOCK       1, RECORD       5, RECORD       5 IN ENTIRE FILE, RECORD SIZE     372 .

446040103H7401WS5914550209B0209B0000 A099009999R8400000000000000000000230001320035054222544 83*3*0332238314411308834330000011000761 0

          740100209BAABAAABAABBAAABABAABAAAABAABAAAAAAABDBAA                                                    A*

***WT2  BLOCK       1, RECORD       6, RECORD       6 IN ENTIRE FILE, RECORD SIZE     372 .

446040200V
7401WS55744300000 00771B00771B00000 00771B0CA09990999  0300000000332303234355344513 1*3463331330344222210448881133223331301300303 43
32044002542740100000 BBBBBBCBACBBBBBBBBBBAABBBBANABABAAAANBAA740100771BAABAAABAABB          AA A AABAAAAAAAADCAA*

***WT2  BLOCK       1, RECORD       7, RECORD       7 IN ENTIRE FILE, RECORD SIZE     372 .

446040201H7401WS5574430440B0440B0000 A099019999R8400000000000000000000230001330035054222544 83*4*0332248324431308834330000011000761 1

          740100440BAABAAABAABBAAABABAABBAAABAABAAAAAAAADCAA                                                    A*

***WT2  BLOCK       1, RECORD       8, RECORD       8 IN ENTIRE FILE, RECORD SIZE     372 .

446040202H7401WS5584270235I0235I0000 A099009999R8400000000000000000000230001330035054222544 83*3*0332248314411308834330000011000761 0

          740100235IAABAAABAABBAAABABAABBAAABAABAAAAAAAADCAA                                                    A*
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