



## List of Reference Documentation

U.S. Army Surgeon General's Office (SGO) Hospital Admission Card Files, 1942 - 1954

NN3-112-95-001

Records of the Office of the Surgeon General (Army) (Record Group 112)

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Electronic Records Division (RRE)

January 25, 2022



Agency Documentation and Code Lists for the  
U.S. Arm, Office of the Surgeon General Hospital Admission Cards Files, 1942 – 1954  
NN3-112-95-001

Code Lists & Program Files	Content	Separate electronic file?	File Name
Abstracts	Description and background of files (8 pages)	no	Digitized and included in reference documentation: 480_1DP.pdf
Layouts	Record layouts for the 1942 – 1954 data files (36 pages)	no	Digitized and included in reference documentation: 480_1DP.pdf
ANATOM42.DBF	Anatomy codes for the 1942 files	Yes	SGO.HOSAD.ANATM42.txt
ANATOM43.DBF	Anatomy codes for the 1943 files	Yes	SGO.HOSAD.ANATM43.txt
ANATOM45.DBF	Anatomy codes for the 1945 file	Yes	SGO.HOSAD.ANATM45.txt
ANATOM50.DBF	Anatomy codes for the 1950 – 1954 files	Yes	SGO.HOSAD.ANATM50.txt
ANATOMIC.DBF	Anatomy codes for the 1942, 1943, and 1944 files	Yes	SGO.HOSAD.ANATOMC.txt
ASSDIS42.DBF	Associated Disease codes for the 1942 files	Yes (public use)	SGO_HOSAD_ASDIS42_PUF.txt
ASSDIS43.DBF	Associated Disease codes for the 1943 files	Yes (public use)	SGO_HOSAD_ASDIS43_PUF.txt
CASAGT42.DBF	Causative Agent codes for the 1942 files	Yes	SGO.HOSAD.CASGT42.txt
CASAGT43.DBF	Causative Agent codes for the 1943 files	Yes	SGO.HOSAD.CASGT43.txt
CASGT50.DBF	Causative Agent Codes for the 1950 – 1954 files	Yes (public use)	SGO_HOSAD_CASGT50_PUF.txt
CAUSAGNT.DBF	Causative Agent codes for the 1942, 1943, 1944, and 1945 files	Yes	SGO.HOSAD.CAUSGNT.txt
DIAGNO42.DBF	Diagnosis codes for the 1942 files	Yes (public use)	SGO_HOSAD_DIAGNO42_PUF.txt
DIAGNO43.DBF	Diagnosis codes for the 1943 files	Yes (public use)	SGO_HOSAD_DIAGNO43_PUF.txt
DIAGNO45.DBF	Diagnosis codes for the 1945 file	Yes (public use)	SGO_DIAGNO45_PU.txt
DIAGNO50.DBF	Diagnosis codes for the 1950 – 1954 files	Yes (public use)	SGO_HOSAD_DAGNO50_PUF.txt
DIAGNOSI.DBF	Diagnosis codes for the 1942, 1943, and 1944 files	Yes (public use)	SGO_DIAGNOSI_PU.txt

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<b>Code Lists &amp; Program Files</b>	<b>Content</b>	<b>Separate electronic file?</b>	<b>File Name</b>
FINRSL42.DBF	Final Result codes for the 1942 files	Yes (public use)	SGO_HOSAD_FNRSL42_PUF.txt
FINRSL43.DBF	Final Result codes for the 1943 files	Yes (public use)	SGO_HOSAD_FNRSL43_PUF.txt
FINRSL45.DBF	Final Result codes for the 1945 file	Yes	SGO.HOSAD.FNRSL45.txt
FINRSL50.DBF	Final Result Codes for the 1950 – 1954 files	Yes	SGO.HOSAD.FNRSL50.txt
FINRSLT.DBF	Final Result codes for the 1942, 1943, and 1944 files	Yes	SGO.HOSAD.FINRSLT.txt
GCHOSP45.DBF	Hospital codes for the 1945 file	Yes	SGO.HOSAD.GCHSP45.txt
HOSP42.DBF	Hospital codes for the 1942 files	Yes	SGO.HOSAD.HOSP42.txt
HSPCUR44.DBF	Hospital codes for the 1943 and 1944 files	Yes	SGO.HOSAD.HSPCR44.txt
LONDON.PRG	Various other codes for the 1943 and 1944 files	Yes (public use)	SGO_LONDON_PU.txt
LSTMED44.DBF	Hospital codes for the 1943 and 1944 files	Yes	SGO.HOSAD.LSTMD44.txt
OPERAT42.DBF	Operation codes for the 1942 files	Yes (public use)	SGO_HOSAD_OPERT42_PUF.txt
OPERAT43.DBF	Operation codes for the 1943 files	Yes (public use)	SGO_HOSAD_OPERT43_PUF.txt
OPERAT45.DBF	Operation codes for the 1945 files	Yes (public use)	HOSAD_OPERAT45_PU.txt
OPERAT50.DBG	Operation codes for the 1950 – 1954 files	Yes (public use)	SGO_HOSAD_OPERT50_PUF.txt
OPERATIO.DBF	Operation codes for the 1943 and 1944 files	Yes (public use)	SGO_OPERATI_PU.txt
SHTLST42.PRG	Various other codes for the 1942 files and a program to lookup translations for fields which contain a limited number of code options. Includes necessary conditional statements.	Yes (public use)	SGO_HOSAD_SHTLT42_PUF.txt
SHTLST43.PRG	Various other codes for the 1943 files and a program to lookup translations for fields which contain a limited number of code options. Includes necessary conditional statements.	Yes (public use)	SGO_HOSAD_SHTLT43_PUF.txt
SHTLST44.PRG	Various other codes for the 1943 and 1944 files and a program to lookup translations for fields which contain a limited number of code options. Includes necessary conditional statements.	Yes (public use)	SGO_SHTLST44_PU.txt
SHTLST45.PRG	Various other codes for the 1945 file and a program to lookup translations for fields which contain a limited number of code options. Includes necessary conditional statements.	Yes (public use)	SGO_SHTLST45_PU.txt

<b>Code Lists &amp; Program Files</b>	<b>Content</b>	<b>Separate electronic file?</b>	<b>File Name</b>
SHTLST50.PRG	Various other codes for the 1950 – 1953 file and a program to lookup translations for fields which contain a limited number of code options. Includes necessary conditional statements.	Yes (public use)	SGO_HOSAD_SHTLT50_PUF.txt
SHTLST54.PRG	Various other codes for the 1954 files and a program to lookup translations for fields which contain a limited number of code options. Includes necessary conditional statements.	Yes (public use)	SGO_HOSAD_SHTLT54_PUF.txt
STAT42.DBF	Station codes for the 1942 files	Yes	SGO.HOSAD.STAT42.txt
STAT43.DBF	Station codes for the 1943 files	Yes	SGO.HOSAD.STAT43.txt
STAT50.DBF	Station codes for the 1950 – 1954 files	Yes	SGO.HOSAD.STAT50.txt
STATION.DBF	Station codes for the 1943, 1944, and 1945	Yes	SGO.HOSAD.STATION.txt
TRAUMA42.DBF	Trauma codes for the 1942 files	Yes (public use)	SGO_HOSAD_TRAMA42_PUF.txt
TRAUMA43.DBF	Trauma codes for the 1943 files	Yes (public use)	SGO_HOSAD_TRAMA43_PUF.txt
TWODGT44.DBF	Location/Station codes for the 1943 files	Yes	SGO.HOSAD.TWDGT44.txt
WASHINGT.PRG	Various other codes for the 1943 and 1944 files	Yes (public use)	SGO_WASHING_PU.txt
PROCFILE.PRG	Contains small routines called procedures which the SGO system uses. Some of the procedures are unique to certain SGO years and others are common to all. (9 pages)	no	Digitized and included in reference documentation: 480_1DP.pdf
LNLST42.PRG	This file contains programs to lookup the input code on large tables and translate it into English. Includes conditional statements within the programs which affect the translations of certain fields depending on input to another field. (14 pages)	no	Digitized and included in reference documentation: 480_1DP.pdf
LNLST43.PRG	This file contains programs to lookup the input code on large tables and translate it into English. Includes conditional statements within the programs which affect the translations of certain fields depending on input to another field. (18 pages)	no	Digitized and included in reference documentation: 480_1DP.pdf
LNLST44.PRG	This file contains programs to lookup the input code on large tables and translate it into English. Includes conditional statements within the programs which affect the translations of certain fields depending on input to another field. (4 pages)	no	Digitized and included in reference documentation: 480_1DP.pdf

Code Lists & Program Files	Content	Separate electronic file?	File Name
LNLST45.PRG	This file contains programs to lookup the input code on large tables and translate it into English. Includes conditional statements within the programs which affect the translations of certain fields depending on input to another field. (8 pages)	no	Digitized and included in reference documentation: 480_1DP.pdf
LNLST50.PRG	This file contains programs to lookup the input code on large tables and translate it into English. Includes conditional statements within the programs which affect the translations of certain fields depending on input to another field. (6 pages)	no	Digitized and included in reference documentation: 480_1DP.pdf
LNLST54.PRG	This file contains programs to lookup the input code on large tables and translate it into English. Includes conditional statements within the programs which affect the translations of certain fields depending on input to another field. (8 pages)	no	Digitized and included in reference documentation: 480_1DP.pdf
42PROBE.PRG	This is the setup program for the 1942 records. It initializes the variables to be used to decode records from a certain year. They also contain the sequence of programs which must be called to translate SGO input codes into English. (3 pages)	no	Digitized and included in reference documentation: 480_1DP.pdf
43PROBE.PRG	This is the setup program for the 1943 records. It initializes the variables to be used to decode records from a certain year. They also contain the sequence of programs which must be called to translate SGO input codes into English. (5 pages)	no	Digitized and included in reference documentation: 480_1DP.pdf
44PROBE.PRG	This is the setup program for the 1944 records. It initializes the variables to be used to decode records from a certain year. They also contain the sequence of programs which must be called to translate SGO input codes into English. (4 pages)	no	Digitized and included in reference documentation: 480_1DP.pdf
45PROBE.PRG	This is the setup program for the 1945 records. It initializes the variables to be used to decode records from a certain year. They also contain the sequence of programs which must be called to translate SGO input codes into English. (2 pages)	no	Digitized and included in reference documentation: 480_1DP.pdf

<b>Code Lists &amp; Program Files</b>	<b>Content</b>	<b>Separate electronic file?</b>	<b>File Name</b>
50PROBE.PRG	This is the setup program for the 1950 – 1953 records. It initializes the variables to be used to decode records from a certain year. They also contain the sequence of programs which must be called to translate SGO input codes into English. (2 pages)	no	Digitized and included in reference documentation: 480_1DP.pdf
54PROBE.PRG	This is the setup program for the 1954 records. It initializes the variables to be used to decode records from a certain year. They also contain the sequence of programs which must be called to translate SGO input codes into English. (2 pages)	no	Digitized and included in reference documentation: 480_1DP.pdf
README.PRG	Information about features of the SGO files which will need to be addressed if the file is ever used outside of NPRC and the microfiche/pc parameters under which it was created. (2 pages)	no	Digitized and included in reference documentation: 480_1DP.pdf
ANAT_INT.DBF	Anatomy codes, not clear what, if any, files use this code list	Yes	Available upon request
LOCGEN44.DBF	Anatomy codes (possibly), not clear what, if any, files use this code list	Yes	Available upon request
OPEGEN44.DBF	Operation codes (possibly), not clear what, if any, files use this code list	Yes	Available upon request
TWODGT42.DBF	Location codes, not clear what, if any, files use this code list	Yes	Available upon request
TWODGT50.DBF	Location codes, not clear what, if any, files use this code list	Yes	Available upon request
FILENDX.DBF	List of code list files	Yes	Available upon request

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**Supplemental User Note 5: Personal Identifiers and Individual Look-up Services**  
U.S. Army Surgeon General's Office (SGO) Hospital Admission Card Files, 1942 - 1954  
NN3-112-95-001  
Records of the Office of the Surgeon General (Army) (Record Group 112)

The U.S. Army Surgeon General's Office created these records in order to conduct statistical analysis. The Hospital Admission Card records **do not contain individual names**. The personal identifiers in the records are Army serial numbers. To locate an individual record you will need the Army serial number for that individual.

The National Archives at St. Louis provides look-up services for individual records in the Hospital Admission Card Files.

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January 25, 2022



**Supplemental User Note 4: 1942 – 1943 Public Use Files**

U.S. Army Surgeon General’s Office (SGO) Hospital Admission Card Files  
 NN3-112-95-001

Records of the Office of the Surgeon General (Army), 1775 – 1994 (Record Group 112)

After a review of the series, the National Archives determined that certain sensitive medical information, such as mental health conditions, psychiatric-related diagnosis and sexually transmitted diseases, continues to be exempt from disclosure under the Freedom of Information Act (FOIA) (b)(6).

Accordingly, staff created public use versions of the 1942 – 1943 hospital admission cards data in order to mask this sensitive medical information. Only values identified as having sensitive medical information are masked in the specific fields. The remaining values in the field representing information that can be released are not masked. In the public use versions of the 1942 – 1943 data files, coded values for sensitive medical information are masked with an asterisk (\*).

Fields in the 1942B file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
MDIAG2A	1ST DIAGNOSIS	38	41	4	DIAGNO42 and TRAUMA42
MQUAL	QUALIFYING TERM	42	43	2	SHTLST42
MDIAG2B	2ND DIAGNOSIS	54	57	4	DIAGNO42 and TRAUMA42
MDIAG2C	3RD DIAGNOSIS	58	61	4	DIAGNO42 and TRAUMA42
MOPR	OPERATION	62	64	3	OPERAT42
MDISP	DISPOSITION	80	80	1	SHTLST42

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Fields in the 1942C file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
MDIAG2A	1ST DIAGNOSIS	38	41	4	DIAGNO42 and TRAUMA42
MQUAL	QUALIFYING TERM	42	43	2	SHTLST42
MDIAG2B	2ND DIAGNOSIS	54	57	4	DIAGNO42 and TRAUMA42
MDIAG2C	3RD DIAGNOSIS	58	61	4	DIAGNO42 and TRAUMA42
MOPR	OPERATION	62	64	3	OPERAT42
MDISP	DISPOSITION	80	80	1	SHTLST42

Fields in the 1942M work file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
MDIAG4	DIAGNOSIS	16	19	4	DIAGNOSI
MDIAG2	DIAGNOSIS	34	36	3	DIAGNO42
MQUAL	QUALIFYING TERM	47	48	2	SHTLST42
MASD1	ASSOCIATED DISEASE 1	55	57	3	DIAGNO42
MASD2	ASSOCIATED DISEASE 2	58	60	3	DIAGNO42
MASD3	ASSOCIATED DISEASE 3	61	63	3	DIAGNO42
MOPR	OPERATION	64	66	3	OPERAT42
MDISP	DISPOSITION	69	69	1	SHTLST42

Fields in the 1942M print file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
MDIAG2	DIAGNOSIS	38	40	3	DIAGNO42
MQUAL	QUALIFYING TERM	52	53	2	SHTLST42
MOPR	OPERATION	55	57	3	OPERAT42
MASD1	1ST ASSOCIATED DISEASE	67	69	3	DIAGNO42
MASD2	2ND ASSOCIATED DISEASE	71	73	3	DIAGNO42
MASD3	3RD ASSOCIATED DISEASE	75	77	3	DIAGNO42
MDISP	DISPOSITION	87	87	1	SHTLST42
MDIAG4	DIAGNOSIS	105	108	4	DIAGNOSI

Fields in the 1942T work file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
MDIAG4	DIAGNOSIS	16	19	4	DIAGNOSI
MDIAG2	DIAGNOSIS	31	33	3	TRAUMA42
MQUAL	QUALIFYING TERM	49	50	2	SHTLST42
MASD1	ASSOCIATED DISEASE 1	57	58	2	ASSDIS42
MASD2	ASSOCIATED DISEASE 2	59	60	2	ASSDIS42
MFIN	FINAL RESULT	61	63	3	FINRSL42
MOPR	OPERATION	64	66	3	OPERAT42
MDISP	DISPOSITION	69	69	1	SHTLST42

Fields in the 1942T print file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
MDIAG2	DIAGNOSIS	38	40	3	DIAGNO42
MQUAL	QUALIFYING TERM	52	53	2	SHTLST42
MOPR	OPERATION	55	57	3	OPERAT42
MFIN	FINAL RESULT	63	65	3	FINRSL42
MASD1	1ST ASSOCIATED DISEASE	67	68	2	DIAGNO42
MASD2	2ND ASSOCIATED DISEASE	71	72	2	DIAGNO42
MDISP	DISPOSITION	87	87	1	SHTLST42
MDIAG4	DIAGNOSIS	105	108	4	DIAGNOSI

Fields in the 1943A file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
MDIAG43A	DIAGNOSIS	34	37	4	TRAUMA43
MOPR43A	OPERATION	43	45	3	OPERAT43
MFINR43	FINAL RESULT	51	53	3	FINRSL43
MDISP	DISPOSITION	55	55	1	SHTLST43
MDIAG44A	DIAGNOSIS	72	75	4	DIAGNOSI

Fields in the 1943B file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
MDIAG43A	DIAGNOSIS	44	47	4	TRAUMA43
MQUAL	QUALIFYING TERM	49	50	2	SHTLST43
MOPR43A	OPERATION	60	62	3	OPERAT43
MFINR43	FINAL RESULT	68	70	3	FINRSL43
MASD1	1ST ASSOCIATED DISEASE	73	74	2	ASSDIS43
MASD2	2ND ASSOCIATED DISEASE	77	78	2	ASSDIS43
MDISP	DISPOSITION	81	81	1	SHTLST43
MDIAG44A	DIAGNOSIS	98	101	4	DIAGNOSI

Fields in the 1943C file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
MDIAG43A	FIRST DIAGNOSIS	41	44	4	TRAUMA43
MQUAL	QUALIFYING TERM	46	47	2	SHTLST43
MOPR43A	OPERATION	57	59	3	OPERAT43
MDIAG43B	SECOND DIAGNOSIS	61	64	4	DIAGNO43 and TRAUMA43
MDIAG43C	THIRD DIAGNOSIS	66	69	4	DIAGNO43 and TRAUMA43
MDISP	DISPOSITION	75	75	1	SHTLST43
MDIAG44A	DIAGNOSIS	91	94	4	DIAGNOSI

Fields in the 1943D file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
MDIAG43	DIAGNOSIS	28	30	3	TRAUMA43
MOPR43A	FIRST OPERATION	41	43	3	OPERAT43
MOPR43B	SECOND OPERATION	45	47	3	OPERAT43
MASD1	1ST ASSOCIATED DISEASE	50	51	2	ASSDIS43
MASD2	2ND ASSOCIATED DISEASE	54	55	2	ASSDIS43
MDIAG44A	FIRST DIAGNOSIS	85	88	4	DIAGNOSI
MDIAG44B	SECOND DIAGNOSIS	95	98	4	DIAGNOSI
MDIAG44C	THIRD DIAGNOSIS	105	108	4	DIAGNOSI
MOPR44A	FIRST OPERATION	110	112	3	OPERATIO
MOPR44B	SECOND OPERATION	114	116	3	OPERATIO

Fields in the 1943E file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
MQUAL	QUALIFYING TERM	29	30	2	SHTLST43
MFINR43	FINAL RESULT	32	34	3	FINRSL43
MDISP	DISPOSITION	36	36	1	SHTLST43

Fields in the 1943F file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
MDIAG43A	FIRST DIAGNOSIS	37	40	4	TRAUMA43
MDIAG43B	SECOND DIAGNOSIS	52	55	4	DIAGNO43 and TRAUMA43
MDIAG43C	THIRD DIAGNOSIS	57	60	4	DIAGNO43 and TRAUMA43
MOPR43A	FIRST OPERATION	62	64	3	OPERAT43
MOPR43B	SECOND OPERATION	66	68	3	OPERAT43
MDIAG44A	FIRST DIAGNOSIS	76	79	4	DIAGNOSI
MDIAG44B	SECOND DIAGNOSIS	86	89	4	DIAGNOSI
MDIAG44C	THIRD DIAGNOSIS	96	99	4	DIAGNOSI
MOPR44A	OPERATION	101	103	3	OPERATIO

Fields in the 1943G file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
MDIAG43A	FIRST DIAGNOSIS	57	60	4	DIAGNO43 and TRAUMA43
MQUAL	QUALIFYING TERM	62	63	2	SHTLST43
MDIAG43B	SECOND DIAGNOSIS	73	76	4	DIAGNO43 and TRAUMA43
MDIAG43C	THIRD DIAGNOSIS	78	81	4	DIAGNO43 and TRAUMA43
MOPR43A	OPERATION	83	85	3	OPERAT43
MDISP	DISPOSITION	91	91	1	SHTLST43

Fields in the 1943H file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
MQUAL	QUALIFYING TERM	25	26	2	SHTLST43
MDISP	DISPOSITION	28	28	1	SHTLST43

Fields in the 1943I file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
MINVPRS	CIRCUMSTANCES SURROUNDING INJURY	42	42	14	LONDON
MDIAG1	FIRST DIAGNOSIS	52	55	4	DIAGNOSI
MOPER1	FIRST OPERATION	62	64	3	OPERATIO
MDIAG2	SECOND DIAGNOSIS	66	69	4	DIAGNOSI
MOPER2	SECOND OPERATION	76	78	3	OPERATIO
MDIAG3	THIRD DIAGNOSIS	80	83	4	DIAGNOSI
MDISP	DISPOSITION	93	93	1	SHTLST43
MCIRC	CIRCUMSTANCES	116	116	1	WASHINGT

Fields in the 1943M file and corresponding code lists that contain masked values are as follows:

<b>Variable Name</b>	<b>Field</b>	<b>Start</b>	<b>End</b>	<b>Width</b>	<b>Code Lists</b>
MDIAG43	DIAGNOSIS	43	45	3	DIAGNO43
MQUAL	QUALIFYING TERM	57	58	2	SHTLST43
MOPR43A	OPERATION	60	62	3	OPERAT43
MASSDISA	1ST ASSOCIATED DISEASE	72	74	3	DIAGNO43
MASSDISB	2ND ASSOCIATED DISEASE	76	78	3	DIAGNO43
MASSDISC	3RD ASSOCIATED DISEASE	80	82	3	DIAGNO43
MDISP	DISPOSITION	92	92	1	SHTLST43
MDIAG44A	DIAGNOSIS	111	114	4	DIAGNOI

Fields in the 1943T file and corresponding code lists that contain masked values are as follows:

<b>Variable Name</b>	<b>Field</b>	<b>Start</b>	<b>End</b>	<b>Width</b>	<b>Code Lists</b>
MDIAG43	DIAGNOSIS	43	45	3	TRAUMA43
MQUAL	QUALIFYING TERM	57	58	2	SHTLST43
MOPR43A	OPERATION	60	62	3	OPERAT43
MFINR43	FINAL RESULT	68	70	3	FINRSL43
MASSDIS1	1ST ASSOCIATED DISEASE	72	73	2	ASSDIS43
MASSDIS2	2ND ASSOCIATED DISEASE	76	77	2	ASSDIS43
MASSDISC	3RD ASSOCIATED DISEASE	80	82	3	ASSDIS43
MDISP	DISPOSITION	92	92	1	SHTLST43
MDIAG44A	DIAGNOSIS	111	114	4	DIAGNOSI

The public use files are as follows:

<b>XMIS #</b>	<b># Records</b>	<b>File Name</b>	<b>File Byte Size</b>
091881	59,680	SGO_1942B_PU.txt	5,490,560
091882	344	SGO_1942C_PU.txt	31,648
091883	20	SGO_1942M_PU.txt	1,840
091884	6,505	SGO_1942T_PU.txt	598,460
091885	137,763	SGO_1942TM_Pt_PU.txt	18,598,005
091886	2,105	SGO_1943A_PU.txt	284,175
091887	67,254	SGO_1943B_PU.txt	9,079,290
091888	6,875	SGO_1943C_PU.txt	928,125
091889	32,282	SGO_1943D_PU.txt	4,358,070
091890	13,452	SGO_1943E_PU.txt	1,816,020
091891	599	SGO_1943F_PU.txt	80,865
091892	6,301	SGO_1943G_PU.txt	850,635
091893	328	SGO_1943H_PU.txt	44,280
091894	322	SGO_1943I_PU.txt	43,470
091895	474,534	SGO_1943M_PU.txt	64,062,090
091896	107,673	SGO_1943T_PU.txt	14,535,855

In the process of creating the public use versions, the software NARA uses for converting EBCDIC to ASCII identified some non-standard characters in the 1942 – 1943 hospital admission card files. The software converted the non-standard characters to NULL values. For some software applications, the presence of NULL values in the record may impact the field positions and/or the record length of that record.

Jennifer Namsiriwan Crabb, Archivist  
 Electronic Records Division (RDE)  
 June 20, 2016



### Supplemental User Note 3: 1950 – 1954 Public Use Files

U.S. Army Surgeon General's Office (SGO) Hospital Admission Card Files  
 NN3-112-95-001

Records of the Office of the Surgeon General (Army), 1775 – 1994 (Record Group 112)

After a review of the series, the National Archives determined that certain sensitive medical information, such as mental health conditions, psychiatric-related diagnosis and sexually transmitted diseases, continues to be exempt from disclosure under the Freedom of Information Act (FOIA) (b)(6).

Accordingly, staff created public use versions of the 1950 – 1954 hospital admission cards data in order to mask this sensitive medical information. Only values identified as having sensitive medical information are masked in the specific fields. The remaining values in the field representing information that can be released are not masked. In the public use versions of the 1950 – 1953 data file and the 1954 work file, coded values for sensitive medical information are masked with an asterisk (\*). In the public use version of the 1954 print data file, coded values for sensitive medical information are masked with an X.

Fields in the 1950 – 1953 file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
M1DIA	FIRST DIAGNOSIS	39	42	4	DIAGNO50
M1OPE	FIRST OPERATION	47	49	3	OPERAT50
M2DIA	SECOND DIAGNOSIS	50	53	4	DIAGNO50
M2OPE	SECOND OPERATION	58	60	3	OPERAT50
MFCTR	DUTY STATUS, CONDUCT AND NEGLIGENCE FACTOR	61	61	1	SHTLST50
MACTV	ACTIVITY	62	62	1	SHTLST50
MCAGT	CAUSATIVE AGENT	63	65	3	CASAGT50
MSPTR	SPECIALIZED TREATMENT	71	72	2	SHTLST50
MDSP	DISPOSITION	74	74	1	SHTLST50
MCCLS	CAUSE OF DEATH OR SEPARATION: BATTLE CLASSIFICATION	97	97	1	SHTLST50

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Fields in the 1954 work file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
M1DIA	FIRST DIAGNOSIS	39	42	4	DIAGNO50
M1OPE	FIRST OPERATION	47	49	3	OPERAT50
M2DIA	SECOND DIAGNOSIS	50	53	4	DIAGNO50
M2OPE	SECOND OPERATION	58	60	3	OPERAT50
MACTV	ACTIVITY	62	62	1	SHTLST54
MCAGT	CAUSATIVE AGENT	63	65	3	CASAGT50
MSPTR	SPECIALIZED TREATMENT	71	72	2	SHTLST54
MDSUB	DISPOSITION (SUBGROUP)	75	75	1	SHTLST54
MCCLS	BATTLE OR NON-BATTLE CLASSIFICATION OF CAUSE	95	95	1	SHTLST54

Fields in the 1954 print file and corresponding code lists that contain masked values are as follows:

Variable Name	Field	Start	End	Width	Code Lists
M1DIA	FIRST DIAGNOSIS	47	50	4	DIAGNO50
M1OPE	FIRST OPERATION	57	59	3	OPERAT50
M2DIA	SECOND DIAGNOSIS	63	66	4	DIAGNO50
M2OPE	SECOND OPERATION	73	75	3	OPERAT50
MACTV	ACTIVITY	79	79	1	SHTLST54
MCAGT	CAUSATIVE AGENT	81	83	3	CASAGT50
MSPTR	SPECIALIZED TREATMENT	92	93	2	SHTLST54
MDSUB	DISPOSITION (SUBGROUP)	99	99	1	SHTLST54
MCCLS	BATTLE OR NON-BATTLE CLASSIFICATION OF CAUSE	103	103	1	SHTLST54

The public use files are as follows:

XMIS #	# Records	File Name	File Byte Size
091875	14	HOSA54Print_PU	1,890
091876	199,271	HOSA54Work_PU	20,524,913
091877	1,114,226	HOSA5053_PU	114,765,277

In the process of creating the public use versions, the software NARA uses for converting EBCDIC to ASCII identified some non-standard characters in the 1950 – 1954 hospital admission card files. The software converted the non-standard characters to NULL values. For some software applications, the presence of NULL values in the record may impact the field positions and/or the record length of that record.

Jennifer Namsiriwan Crabb, Archivist  
Electronic Records Division (RDE)  
February 29, 2016



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**Supplemental User Note 2: 1942, 1943 and 1950 – 1954 Public Use Files**

U.S. Army Surgeon General's Office (SGO) Hospital Admission Card Files  
NN3-112-95-001

Records of the Office of the Surgeon General (Army), 1775 – 1994 (Record Group 112)

After a review of the series, the National Archives determined that certain sensitive medical information, such as mental health conditions, psychiatric-related diagnosis and sexually transmitted diseases, continues to be exempt from disclosure under the Freedom of Information Act (FOIA) (b)(6).

Accordingly, staff created public use versions of the restricted code list files for the 1942, 1943 and 1950 – 1954 files in order to mask this sensitive medical information. In the public use version of the code lists, coded values for sensitive medical information are masked with an asterisk (\*) and the meaning of the coded value is replaced with “[withheld by NARA].”

The public use files are as follows:

XMIS #	# Records	File Name	File Byte Size	Printout Pages
091828	1	HOSAD_ASDIS42_PUF	2,056	2
091829	1	HOSAD_ASDIS43_PUF	2,118	2
091830	1	HOSAD_CASGT50_PUF	56,539	20
091831	1	HOSAD_DAGNO42_PUF	27,830	19
091832	1	HOSAD_DAGNO43_PUF	26,816	19
091833	1	HOSAD_DAGNO50_PUF	116,179	19
091834	1	HOSAD_FNRSL42_PUF	14,950	8
091835	1	HOSAD_FNRSL43_PUF	14,471	8
091836	1	HOSAD_OPERT42_PUF	12,665	9
091837	1	HOSAD_OPERT43_PUF	14,233	10
091838	1	HOSAD_OPERT50_PUF	24,204	10
091839	1	HOSAD_SHTLT42_PUF	26,225	14
091840	1	HOSAD_SHTLT43_PUF	42,562	28
091841	1	HOSAD_SHTLT50_PUF	50,504	30
091842	1	HOSAD_SHTLT54_PUF	47,279	27
091843	1	HOSAD_TRAMA42_PUF	3,986	3
091844	1	HOSAD_TRAMA43_PUF	3,982	3

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Printouts of the public use versions of the code lists are included in the documentation.

Jennifer Namsiriwan Crabb, Archivist  
Electronic Records Division (RDE)  
September 10, 2015



### Supplemental User Note 1: 1944 and 1945 Public Use Files

U.S. Army Surgeon General’s Office (SGO) Hospital Admission Card Files  
 NN3-112-95-001

Records of the Office of the Surgeon General (Army) (Record Group 112)

After a review of the series, the National Archives determined that certain sensitive medical information, such as mental health conditions, psychiatric-related diagnosis, and sexually transmitted diseases, continues to be exempt from disclosure under the Freedom of Information Act (FOIA)(b)(6).

Accordingly, staff created public use versions of the 1944 and 1945 hospital admission cards data and some of the related code list files in order to mask this sensitive medical information. Only values identified as having sensitive medical information are masked in the specific fields. The remaining values in the field representing information that can be released are not masked. In the public use versions of the data files, coded values for sensitive medical information are masked with an asterisk (\*). In the public use version of the code lists, coded values for sensitive medical information are masked with an asterisk (\*) and the meaning of the coded value is replaced with “[withheld by NARA].”

Fields in the 1944 file and corresponding code lists that contain masked values:

Variable Name	Field	Column Position	Code Lists
MINVPRS	CIRCUMSTANCES SURROUNDING INJURY if London input	35-35	LONDON.PRG (Circumstance)
MDIAG1	FIRST DIAGNOSIS	40-43	DIAGNOSI.DBF
MOPER1	FIRST OPERATION	48-50	OPERATIO.DBF
MDIAG2	SECOND DIAGNOSIS	51-54	DIAGNOSI.DBF
MOPER2	SECOND OPERATION if Washington input	59-61	OPERATIO.DBF
MDIAG3	THIRD DIAGNOSIS	62-65	DIAGNOSI.DBF
MDISP	DISPOSITION	72-72	SHTLST44.PRG (Disposition)
MCIRC_MPLFNCUR	CIRCUMSTANCES if Washington input	86-86	WASHINGT.PRG (Circumstances)

In the 1944 file, the meanings of coded values in some of the fields are dependent on if the data was input in London or Washington. It is possible that a value in field may not represent sensitive medical information if the data was input in Washington, but the same value in the same field could represent sensitive medical information if the data was input in London and vice versa. In these cases all occurrences of the value were masked regardless of whether the data was input in London or Washington. However, if the value did not represent sensitive medical information then the meaning in the code list was not withheld.

Specifically, for column position 35, a coded value represents sensitive medical information for Circumstances Surrounding Injury if the data was input in London. The same coded value does not represent sensitive medical information for Invalided Home or Died in Prison if the data was input in Washington. The coded value is masked in the data file and respective code lists regardless of the data input. However, in the code list for Invalided Home or Died in Prison (see WASHINGT) the meaning of the value is not withheld. Therefore if the data was input in Washington, then the masked value in this field means “Not a special classification.” If the data was input in London, then the masked value represents sensitive medical information withheld by NARA.

For the field Disposition (column position 72) a set of coded values represent sensitive medical information if the data was input in Washington or not found. The same set of coded values do not represent sensitive medical information if the data was input in London. The coded values are masked in both the data file and the code list regardless of the data input. However, in the code list the meanings of the values for if the data was input in London is not withheld. Therefore if the data was input in Washington or not found, then the masked values in this field represent sensitive medical information withheld by NARA. If the data was input in London, then the masked values in this field mean “Transferred to Zone of Interior.”

Fields in the 1945 file that contain masked values:

<b>Variable Name</b>	<b>Field</b>	<b>Column Position</b>	<b>Code Lists</b>
M1DIA	1ST DIAGNOSIS	37-40	DIAGNO45.DBF
M1OPE	1ST OPERATION	45-47	OPERAT45.DBF
M2DIA	2ND DIAGNOSIS	48-51	DIAGNO45.DBF
M2OPE	2ND OPERATION	56-58	OPERAT45.DBF
M3DIA	3RD DIAGNOSIS	59-62	DIAGNO45.DBF
MCIRC	CIRCUMSTANCES SURROUNDING INJURY	66-66	SHTLST45.PRG (MCIRC – DCIRC)
MTDIS	TYPE OF DISPOSITION	76-76	SHTLST45.PRG (MTDIS - DTDIS)
MSPTR	SPECIALIZED TREATMENT	86-87	SHTLST45.PRG (MSPTR – DSPTR)

The public use files are as follows:

<b>XMIS #</b>	<b># Records</b>	<b>File Name</b>	<b>File Byte Size</b>	<b>Printout Pages</b>
091666	3,547,186	SGO.1944.PU	326,341,112	n/a
091667	2,041,146	SGO.1945.PU	187,785,432	n/a
091668	1	SGO.LONDON.PU	6,506	4
091669	1	SGO.SHTLST44.PU	21,754	13
091670	1	SGO.SHTLST45.PU	23,937	15
091671	1	SGO.WASHING.PU	8,290	5
091672	1	SGO.OPERATI.PU	21,856	9
091673	1	SGO.OPERAT45.PU	24,257	10
091674	1	SGO.DIAGNO45.PU	48,105	28
091675	1	SGO.DIAGNOSI.PU	50,325	29

Printouts of the public use versions of the code lists are also included in the documentation.

In the process of creating the public use versions, the software NARA uses for converting EBCDIC to ASCII identified some non-standard characters in the 1944 and 1945 hospital admission card files. The software converted the non-standard characters to NULL values. For some software applications, the presence of NULL values in the record may impact the field positions and/or the record length of that record.

In the 1944 file, 343,886 records have non-standard characters in column positions 30-31 and 227 records have non-standard characters in column positions 69-71. In the 1945 file, 66 records have non-standard characters in column position 16 and 263 records have non-standard characters in position 51. There are non-standard characters in additional records and/or in additional column positions.

Lynn Goodsell  
Electronic Records, Reference Services (RDER)  
June 4, 2013



# *National Archives and Records Administration*

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## **USER NOTE**

Accession #NN3-112-95-001

Accession Title: U.S. Army, Office of the Surgeon General Hospital Admission Card  
Files, 1942-1945 & 1950-54

1) The Agency documentation for this accession includes the names of a few program (.PRG) files that were not accessioned into the holdings of the National Archives. NARA staff determined that these files only contained formatting instructions relevant to the software in which the data resided at the National Personnel Records Center in St. Louis, Missouri. The "List of Files" contains the names of all the program files that have been accessioned. All the accessioned program files have been preserved on paper, but only a few have been preserved as electronic files.

2) Frequency counts were done on the Military Service Number, field MSVCNO, for some subsets of the files. These frequency counts determined that many servicemen, had more than one record in the files. For example, in the 1942 Code T Work file, 1338 of 6505 military service numbers are repeated two or more times. These 1338 records contain 626 unique numbers. The file contains 5793 unique numbers, 89% of the total.  $(6506 - 1338) + 626 = 5793$ .  $5793/6506 = 89\%$ .

Prepared by: Greg LaMotta  
Date: July 17, 2000

Abstract \* 1 p 1

## SGO HOSPITAL ADMISSIONS FILE (1942-1945 and 1950-1954)

Work has been completed at the National Personnel Records Center (NPRC) in St. Louis to decode millions of hospital admissions abstracts for partial replacement of medical information lost when over 18 million military personnel records were destroyed in the 1973 fire at the Center. Thousands of veterans have already initiated or reopened benefit claims in anticipation that these abstracts may contain the necessary proof to confirm their allegations of service related disabilities.

During 1988, portions of the WWII and Korean War hospitalization file, originally compiled for statistical purposes by the U.S. Army, Office of the Surgeon General (SGO), were made available to NPRC. The National Research Council (NRC), a private research organization which conducts medical health studies, informed the National Archives of the existence of this collection of records which had been used by the NRC in its studies.

The records, approximately 10 million covering the periods 1942-1945 and 1950-1954, were stored in alpha/numeric code on approximately 91 reels of computer tape. The records contain various medical treatment information including patient diagnoses, operations, and dates/places of hospitalization. Although no names are included, patients are identified by military service number and certain personal data including age, race, sex, and place of birth.

The records for the WWII period pertain to hospitalization of Army and Army Air Corps veterans who were treated at primarily Army facilities including overseas locations. Limited codes exist for treatment at non-Army facilities. Records for the Korean War era pertain primarily to Army veterans although about 5% pertain to non-Army veterans. Most of the Korean era records are for admissions to Army treatment facilities, but approximately 4% of the records indicate admissions for both Army and non-Army veterans at non-Army facilities.

Because the data was originally gathered for statistical purposes, sampling techniques were used. Therefore, not all hospital admissions for the years covered were included in the file. However, battle casualty admissions were reported at 100% while other hospitalizations were sampled at rates of 80% and 20%.

With documentation supplied by the U.S. Army's Patient Administrative Systems and Biostatistics Activity (PAS&BA), Ft. Sam Houston, Texas, the NPRC has established a system utilizing personal computer systems to decipher the coded records. Creating the decoding programs and databases, however, has required a tedious review and analysis of the voluminous and fragmented documentation to uncover clues to reformat the records and interpret the code.

Currently, about 8 million records pertaining to approximately 5.3 million veterans hospitalized during the years 1942-1945 and 1950-1954 can be accessed and interpreted through the decoding programs. These records are assigned to Record Group 112, Records of the Office of the Surgeon General (Army). The current breakdown by year is shown below:

Abstract\* 1 p 2

## SGO RECORDS AVAILABLE AT NPRC

YEAR	TOTAL # RECORDS	TOTAL # VETERANS
1942	204,300	171,000
1943	710,900	600,000 (est.)
1944	3,547,200	2,400,000
1945	2,041,100	1,400,000
1950- 1954	1,313,500	700,000
	-----	-----
TOTAL	7,817,000	5,271,000

NPRC has also identified the existence of SGO records for 1958-59 and has initiated action to obtain them as a further enhancement to the file of supplementary medical record information for records involved in the fire.

The SGO records collection has enabled NPRC to again provide valuable information to veterans seeking proof to support service-connected disability claims. Hundreds of printouts of the decoded records are issued each week in response to requests for supporting documentation. Many veterans now have a second chance to secure approval for their benefit claims.

Enclosed are samples of:

- 1) Raw record entries from original computer tape receipts.
- 2) NPRC reformat to organize records in a usable and readable format.
- 3) NPRC printout of a decoded record.

**U.S. Army Surgeon General's Hospital Admission File  
(1942-1945 and 1950-1954)  
Usage at the National Personnel Records Center**

The National Personnel Records Center (NPRC) procured the 1942-1945 and 1950-1954 U.S. Army Surgeon General's Hospital Admission source files (SGO) from the National Research Council (Medical Follow-up Agency) in 1988. The source files contained over 10 million records which were stored in alpha-numeric code and sent on 46 reels of computer tape. The records primarily pertain to a large sampling of Army veterans treated at Army facilities, although a small percentage reflect treatment of non-Army service members or at non-Army facilities.

The information contained in the SGO files is valuable because it provides a vast collection of hospital admission abstracts which are used to reconstruct medical information lost in the 1973 fire at NPRC. However, the source data was made usable only through substantial effort. All the files were reformatted and a system was designed using personal computers to translate coded records into English. Creating the decoding programs required substantial research as record formats and coding systems varied by year, files contained mixed format records, and documentation was fragmented. Supplementary documentation was subsequently obtained from the U.S. Army Patient Administration Systems and Biostatistics Activity, Ft. Sam Houston, Texas, and was used to develop the decoding programs.

Over 7.8 million records pertaining to an estimated 5.3 million veterans were salvaged from the SGO source files. Those records which lacked a service number or were otherwise unreadable were not included in the reformatted files. SGO records pertaining to civilians have been excluded as well as exact duplicates. At NPRC, the SGO information is frequently provided to veterans seeking medical documents to support their benefit claims.

**SPECIAL NOTES:** Some of the program and database files interpret the alpha O and numeric zero (0) in special ways. See the README.PRG file for specific information if the runtime version of the SGO code interpretation program is utilized.

In the program (.PRG) files, any line prefixed by an asterisk (\*) is either for information or documentation purposes, or is not being executed because the coding has been superseded. The \* at the beginning of a line in a program renders that line inexecutable.

The record layouts and category labels on the SGO printouts generated from the runtime code interpretation program show the final field names determined for the SGO records. These may differ slightly from some field name entries on the input screens in the runtime program, although pen and ink changes have been made to the code screen samples (enclosure 5).

There are some records on the file which appear to be "garbage" records. They remain on the file because there was no easy method to identify them all for removal. Many can be visually identified because they have invalid service number formats and many non-standard entries.

Some codes may be translated with two optional interpretations. In these instances, fields may be identified by two field names on the translation printout.

At NPRC, the working copy of the SGO file exists on computer output microfiche (COM). Therefore, the decoding programs were set up to interpret the codes as printed on the fiche. The COM entries for a few EBCDIC codes differ from those displayed on the interpretation line on the enclosed tape dumps due to the code set used to translate EBCDIC to COM. This could affect the interpretation of certain codes, however, the volume should not be significant.

## COMPLETE LISTING OF SGO PROGRAM FILES AND DATABASES

The SGO decoding or translation files are listed on the attachment. They are categorized by the SGO year in which they are utilized. Most files are unique to the records of one year, but some files are used by more than one SGO year. The system design and general function of programs files are described below:

1. Common Files: These files are utilized throughout the SGO system.

A. README.PRG: This file provides some information about the SGO decode/translation programs, especially about how the numeric 0 and alpha 0 are decoded.

B. SGOMENU.PRG: This file provides a menu which allows a user to select the proper programs to decode an SGO record. The user selects the year of SGO record from the menu to begin the decoding process.

C. PROCFILE.PRG: This file contains small routines called procedures which the SGO system uses. Some of the procedures are unique to certain SGO years and others are common to all.

D. END.PRG: The end program closes all files and returns control to DOS.

2. Setup Files:

??PROBE.PRG: These files are the setup programs for each SGO year. They initialize the variables to be used to decode records from a certain year. They also contain the sequence of programs which must be called to translate SGO input codes into English.

3. Input Files:

CSCN???.PRG: These files are the programs which display the input screen on the monitor. They allow the user to key the record code (input) for subsequent translation to English.

4. Process Files:

SHTLST???.PRG and LNGLST???.PRG: These files contain the programs which lookup the input code on tables and databases and translate it into English. SHTLST?? programs lookup translations for fields which contain a limited number of code options. LNGLST?? programs lookup translations by calling large databases and searching for a match on the input code. Note the conditional statements within the programs which affect the translations of certain fields depending on input to another field.

The supplementary programs, LONDON.PRG and WASHINGT.PRG, are also used to interpret the code for 1944 records only. Reference the documentation

in 44PROBE.PRG to determine which records are processed using the LONDON code and which are processed using the WASHINGT code.

5. Output files.

PRT???.PRG: These files print the output form which lists the codes and the English translation. Some print files contain conditional statements which affect the final translation of the code.

6. Edit files.

???EDIT.PRG: These files edit field entries determined as invalid input.

7. Database files.

?????????.DBF: These large database files are used to translate codes entered into certain fields, usually diagnosis (medical or trauma), anatomical location, operation, station of admission, causitive agent, final result, associated diseases and hospital names.

Certain supplementary databases (labeled general files on the attachment) were created in an attempt to translate codes which have no specific match. The general databases attempt to translate codes by naming the broad category to which they might be included. Other supplementary information was put into .PRG files in an attempt to decode certain input. These files are listed in the General Files section on the attachment.

8. Index files.

?????????.NDX: These are the index files to a database which sort the records into code sequence.



100-100000

Database (.DBF) and Index (.NDX) Files for each year. Related index files are indented:

General files (those from which broad categories of information are searched when specific matches from databases are not made) are marked with an \*.

FILE	1942	1943	1944	1945	1950-53	1954
.DBF	DIAGNO42	DIAGNO43	DIAGNOSI	DIAGNO45	DIAGNO50	DIAGNO50
.NDX	DIA42NDX	DIA43NDX	DIAGNDX	DIA45NDX	DIA50NDX	DIA50NDX
.DBF	TRAUMA42	TRAUMA43	ANATOMIC	ANATOM45	ANATOM50	ANATOM50
.NDX	TRA42NDX	TRA43NDX	ANATNDX	ANA45NDX	ANA50NDX	ANA50NDX
.DBF	ANATOM42	ANATOM43	OPERATIO	OPERAT45	OPERAT50	OPERAT50
.NDX	ANA42NDX	ANA43NDX	OPERNDX	OPE45NDX	OPE50NDX	OPE50NDX
.DBF	OPERAT42	OPERAT43	STATION	STATION	STAT50	STAT50
.NDX	OPE42NDX	OPE43NDX	STANDX	STANDX	STA50NDX	STA50NDX
.DBF	STAT42	STAT43	CAUSAGNT	CAUSAGNT	CASAGT50	CASAGT50
.NDX	STA42NDX	STA43NDX	CAUSNDX	CAUSNDX	CAS50NDX	CAS50NDX
.DBF	CASAGT42	CASAGT43	FINRSLT	FINRSL45	FINRSL50	FINRSL50
.NDX	CAS42NDX	CAS43NDX	FINRNDX	FIN45NDX	FIN50NDX	FIN50NDX
.DBF	FINRSL42	FINRSL43	*TWODGT44	*TWODGT44	*TWODGT50	*TWODGT50
.NDX	FIN42NDX	FIN43NDX	*TWOCODE4	*TWOCODE4	*TWOCODE0	*TWOCODE0
.DBF	ASSDIS42	ASSDIS43	HSPCUR44	GCHOSP45		
.NDX	ASS42NDX	ASS43NDX	HSPNDX44	GCH45NDX		
.DBF	*TWODGT42	*TWODGT42	LSTMED44			
.NDX	*TWOCODE2	*TWOCODE2	LSTNDX44			
.DBF	HOSP42	HOSP42				
.NDX	HSP42NDX	HSP42NDX				
.DBF		HSPCUR44				
.NDX		HSPNDX44				
.DBF		LSTMED44				
.NDX		LSTNDX44				

Some fields in 1942-3 records use 1944 databases for translation. See the record layouts to identify those fields.

#### General Files.

The following additional general files are used in the years listed below. The general files are designed to decode entries which had no specific match, by classifying them by the title of the category (and number range) in which the code appears to relate.

*DISGEN44.PRG	42	43	44	45		
*LOCGEN44.DBF/NDX			44	45	50-53	54
*OPEGEN44.DBF/NDX			44	45		
*CASGEN44.PRG			44	45		
*FINGEN44.PRG			44	45	50-53	54
*DISGEN50.PRG					50-53	54
*OPEGEN50.PRG					50-53	54
*CASGEN50.PRG					50-53	54

*Layouts p 1*

**RECORD LAYOUTS**

**SGO FILES 1942-45, 1950-54**

These layouts are for the data records on the SGO file. Some record layouts are for "work" files; others are for "print" files. Print files were generated for computer output microfiche (COM) purposes and contain headers. See related print file dumps for the format of the COM headers. They are not included in these data record layouts.

Enclosure 4

## Record Layouts, 1942

**General.** There are six record layouts for 1942. They are coded B, C, M (work file format), T (work file format), M (print file format), and T (print file format). The code to identify a format is in column 90 of the data record for the B, C, M (work) and T (work) files. For the M (print) and T (print) files, the code is in column 2. The field names, memory variable names, and data columns are listed in the following. All columns which are not listed are blank.

The program (.prg) and database (.dbf) files containing code translations for the variables in each field are also listed for reference. Some codes interpretations are found within the related program (.prg) file. Other codes are interpreted through both a program file and database file. The program file often contains information and contingencies regarding certain code interpretations and should be referenced before consulting the specific code translations in the database file.

To interpret a code, it is recommended that the user first locate the variable name in the referenced program (.prg) file and read the documentation in the program (as well as the dBase code) to understand how the code was translated. The user may then reference the related database (.dbf) files, when these are indicated. Important notes are added to certain fields to further define decoding logic.

Codes may also be entered to the SGO runtime program for interpretation (see enclosure 4--Process SGO menu option). For accurate decoding, enter the codes from all fields in the record to the input screen. This is necessary because certain interpretations are dependent on the code entered in a related field.

## 1942 CODE B

Input Tape IDs: SGO 002<sup>A</sup>, SGO 004<sup>A</sup>, SGO 008<sup>A</sup>  
 These are WORK files.

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
<i>Column Title</i> Service Number	<i>Column</i> (MSVCNO) 1-9	as entered
Service Number	(MSVCNO) 10-17	as entered
Rank	(MRANK) 18	SHTLST42.PRG
Unit	(MUNIT) 19-21	as entered
Arm of Service	(MARM) 22	SHTLST42.PRG
Unidentified Field 04	(MFLD4) 23	not translated
Unidentified Field 05	(MFLD5) 24-26	not translated
Age	(MAGE) 27	SHTLST42.PRG
Race	(MRACE) 28	SHTLST42.PRG
Place of Birth	(MPOB) 29-30	SHTLST42.PRG
Len of Svc or Unid 09	(MFLD9) 31-32	SHTLST42.PRG
(Unused column)	--- 33	
Month of Admission	(MADMMO) 34-35	SHTLST42.PRG
Year of Admission	(MADMYR) 36	SHTLST42.PRG
Unidentified Field 11	(MFLD11) 37	not translated
1st Diagnosis	(MDIAG2A) 38-41	LNGLST42.PRG &
(DIAGNO42.DBF if the first digit of MDIAG2A = 0,1,2,3,4,7, or 8) or (TRAUMA42.DBF if the first digit of MDIAG2A = 6)		
Qualifying Term	(MQUAL) 42-43	SHTLST42.PRG
1st Anatomical Location	(MLOC1) 44-46	LNGLST42.PRG & ANATOM42.DBF
2nd Anatomical Location	(MLOC2) 47-49	LNGLST42.PRG & ANATOM42.DBF
Unidentified Field 15	(MFLD15) 50	not translated
Causative Agent	(MCAS2) 51-52	If MFLD15=0, then decode w/ LNGLST42.PRG & CASAGT42.DBF
Line of Duty	(MLOD) 53	SHTLST42.PRG
2nd Diagnosis	(MDIAG2B) 54-57	LNGLST42.PRG &
(DIAGNO42.DBF if the first digit of MDIAG2B = 0,1,2,3,4,7, or 8) or (TRAUMA42.DBF if the first digit of MDIAG2B = 6)		
3rd Diagnosis	(MDIAG2C) 58-61	LNGLST42.PRG &
(DIAGNO42.DBF if the first digit of MDIAG2C = 0,1,2,3,4,7, or 8) or (TRAUMA42.DBF if the first digit of MDIAG2C = 6)		
Operation	(MOPR) 62-64	LNGLST42.PRG & OPERAT42.DBF
Station of Admission	(MSTAT) 65-67	LNGLST42.PRG & STAT42.DBF
Days of Trmt: Stat Adm	(MOTH) 68-70	SHTLST42.PRG [HOSP42.DBF]
1st Transfer	(MTRANS1) 71-73	LNGLST42.PRG & HOSP42.DBF
Days of Trmt: 1st Trans	(MHOSP) 74-76	as entered
2nd Transfer	(MTRANS2) 77-79	LNGLST42.PRG & HOSP42.DBF
Disposition	(MDISP) 80	SHTLST42.PRG
Month of Disposition	(MDISMO) 81-82	SHTLST42.PRG
Year of Disposition	(MDISYR) 83	SHTLST42.PRG
Total Days Lost	(MTOT) 84-86	as entered
Days Sick in Qtrs	(MFLD28) 87-88	not translated
Unidentified Field 29	(MFLD29) 89	not translated
Code	(DIAGTRAU) 90	as entered

NOTE: PRT42B.PRG may contain additional information for any field.

## 1942 CODE C

Input Tape IDs: SGO 006<sup>A</sup>, SGO 009<sup>A</sup>

These are WORK files.

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
Service Number	(MSVCNO) 1-9	as entered
Service Number	(MSVCNO) 10-17	as entered
Rank	(MRANK) 18	SHTLST42.PRG
Unit	(MUNIT) 19-21	as entered
Arm of Service	(MARM) 22	SHTLST42.PRG
Unidentified Field 04	(MFLD4) 23	not translated
Unidentified Field 05	(MFLD5) 24-26	not translated
Age	(MAGE) 27	SHTLST42.PRG
Race	(MRACE) 28	SHTLST42.PRG
Place of Birth	(MPOB) 29-30	SHTLST42.PRG
Len of Svc or Unid 09	(MFLD9) 31-32	SHTLST42.PRG
(Unused column)	---	33
Month of Admission	(MADMMO) 34-35	SHTLST42.PRG
Year of Admission	(MADMYR) 36	SHTLST42.PRG
Unidentified Field 11	(MFLD11) 37	not translated
1st Diagnosis	(MDIAG2A) 38-41	LNGLST42.PRG &
(DIAGNO42.DBF if the first digit of MDIAG2A = 0,1,2,3,4,7, or 8) or		(TRAUMA42.DBF if the first digit of MDIAG2A = 6)
Qualifying Term	(MQUAL) 42-43	SHTLST42.PRG
1st Anatomical Location	(MLOC1) 44-46	LNGLST42.PRG & ANATOM42.DBF
2nd Anatomical Location	(MLOC2) 47-49	LNGLST42.PRG & ANATOM42.DBF
Unidentified Field 15	(MFLD15) 50	not translated
Causative Agent	(MCAS2) 51-52	If MFLD15=0, then decode w/ LNGLST42.PRG & CASAGT42.DBF
Line of Duty	(MLOD) 53	SHTLST42.PRG
2nd Diagnosis	(MDIAG2B) 54-57	LNGLST42.PRG &
(DIAGNO42.DBF if the first digit of MDIAG2B = 0,1,2,3,4,7, or 8) or		(TRAUMA42.DBF if the first digit of MDIAG2B = 6)
3rd Diagnosis	(MDIAG2C) 58-61	LNGLST42.PRG &
(DIAGNO42.DBF if the first digit of MDIAG2C = 0,1,2,3,4,7, or 8) or		(TRAUMA42.DBF if the first digit of MDIAG2C = 6)
Operation	(MOPR) 62-64	LNGLST42.PRG & OPERAT42.DBF
Station of Admission	(MSTAT) 65-67	LNGLST42.PRG & STAT42.DBF
Days of Trmt: Stat Adm	(MOTH) 68-70	SHTLST42.PRG [HOSP42.DBF]
1st Transfer	(MTRANS1) 71-73	LNGLST42.PRG & HOSP42.DBF
Unidentified 02	(MFLD2) 74-76	not translated
Unidentified 01	(MFLD1C) 77-79	not translated
Disposition	(MDISP) 80	SHTLST42.PRG
Month of Disposition	(MDISMO) 81-82	SHTLST42.PRG
Year of Disposition	(MDISYR) 83	SHTLST42.PRG
Total Days Lost	(MTOT) 84-86	as entered
Days Sick in Quarters	(MFLD28) 87-88	as entered
Unidentified Field 29	(MFLD29) 89	not translated
Code	(DIAGTRAU) 90	as entered

NOTE: PRT42B.PRG may contain additional information for any field.

## 1942 CODE T (WORK)

Input Tape IDs: SGO 003<sup>A</sup>, SGO 005<sup>A</sup>

(These tapes are in the WORK file format and contain both code M and T records. See the layout on the prior page for code M records.)

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
Service Number	(MSVCNO) 1-9	as entered
Final Result or Hosp Days	(MFRHD) 10-12	LNGLIST42.PRG & FINRSLT.DBF
Days to Disposition Date	(MDTOD) 13-15	as entered
Diagnosis	(MDIAG4) 16-19	LNGLIST42.PRG & DIAGNOSI.DBF
Causative Agent	(MCAS4) 20-22	LNGLIST42.PRG & CAUSAGNT.DBF
Service Number	(MSVCNO) 23-30	as entered
Diagnosis	(MDIAG2) 31-33	LNGLIST42.PRG & TRAUMA42.DBF
Causative Agent	(MCAS2) 34-35	LNGLIST42.PRG & CASACT42.DBF
Rank	(MRANK) 36	SHTLST42.PRG
Arm of Service	(MARM) 37	SHTLST42.PRG
Age	(MAGE) 38	SHTLST42.PRG
Race	(MRACE) 39	SHTLST42.PRG
Place of Birth	(MPOB) 40-41	SHTLST42.PRG
Length of Service	(MLEN) 42	SHTLST42.PRG
1st Anatomical Location	(MLOC1) 43-45	LNGLIST42.PRG & ANATOM42.DBF
2nd Anatomical Location	(MLOC2) 46-48	LNGLIST42.PRG & ANATOM42.DBF
Qualifying Term	(MQUAL) 49-50	SHTLST42.PRG
Month of Admission	(MADMMO) 51-52	SHTLST42.PRG
Year of Admission	(MADMYR) 53	SHTLST42.PRG
Readmission	(MREAD) 54	SHTLST42.PRG
Remaining Case	(MREMC) 55	SHTLST42.PRG
Line of Duty	(MLOD) 56	SHTLST42.PRG
Associated Disease 1	(MASD1) 57-58	LNGLIST42.PRG & ASSDIS42.DBF
Associated Disease 2	(MASD2) 59-60	LNGLIST42.PRG & ASSDIS42.DBF
Final Result	(MFIN) 61-63	LNGLIST42.PRG & FINRSL42.DBF
Operation	(MOPR) 64-66	LNGLIST42.PRG & OPERAT42.DBF
(Column not used)	67	
Field of Cause	(MFLDC) 68	SHTLST42.PRG
Disposition	(MDISP) 69	SHTLST42.PRG
Month of Disposition	(MDISMO) 70-71	SHTLST42.PRG
Year of Disposition	(MDISYR) 72	SHTLST42.PRG
(Column not used)	73	
Station of Admission	(MSTAT) 74-77	LNGLIST42.PRG & STAT42.DBF
Anatomical Location	(MLOC4) 78-81	LNGLIST42.PRG & ANATOMIC.DBF
Country of Admission	(MADMCY) 82	SHTLST42.PRG
Total Days	(MTOT) 83-85	as entered
Days Sick in Qtrs	(MHSPQ) 86-88	as entered
Misc.	(MMISC) 89	SHTLST42.PRG
Code	(DIAGTRAU) 90	as entered

NOTE: PRT42.PRG may contain additional information for any field.

## 1942 CODE M (WORK)

Input Tape IDs: SGO 003<sup>A</sup>, SGO 005<sup>A</sup>

(These tapes are in the WORK file format and contain both code M and T records. See the layout on the next page for code T records.)

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
Service Number	(MSVCNO) 1-9	as entered
Hospital Days	(MFRHD) 10-12	as entered
Unidentified	(MDTOD) 13-15	not translated
Diagnosis	(MDIAG4) 16-19	LNGLIST42.PRG & DIAGNOSI.DBF
Unidentified	(MCAS4) 20-22	not translated
Service Number	(MSVCNO) 23-30	as entered
Blank	---- 31-33	---
Diagnosis	(MDIAG2) 34-35	LNGLIST42.PRG & DIAGNO42.DBF
Rank	(MRANK) 37	SHTLST42.PRG
Arm of Service	(MARM) 38	SHTLST42.PRG
Age	(MAGE) 39	SHTLST42.PRG
Race	(MRACE) 40	SHTLST42.PRG
Place of Birth	(MPOB) 41-42	SHTLST42.PRG
Length of Service	(MLEN) 43	SHTLST42.PRG
1st Anatomical Location	(MLOC1) 44-46	LNGLIST42.PRG & ANATOM42.DBF
Qualifying Term	(MQUAL) 47-48	SHTLST42.PRG
Month of Admission	(MADMMO) 49-50	SHTLST42.PRG
Year of Admission	(MADMYR) 51	SHTLST42.PRG
Readmission	(MREAD) 52	SHTLST42.PRG
Remaining Case	(MREMC) 53	SHTLST42.PRG
Line of Duty	(MLOD) 54	SHTLST42.PRG
Associated Disease 1	(MASD1) 55-57	LNGLIST42.PRG & DIAGNO42.DBF
Associated Disease 2	(MASD2) 58-60	LNGLIST42.PRG & DIAGNO42.DBF
Associated Disease 3	(MASD3) 61-63	LNGLIST42.PRG & DIAGNO42.DBF
Operation	(MOPR) 64-66	LNGLIST42.PRG & OPERAT42.DBF
(Column not used)	-- 67	---
Field of Cause	(MFLDC) 68	SHTLST42.PRG
Disposition	(MDISP) 69	SHTLST42.PRG
Month of Disposition	(MDISMO) 70-71	SHTLST42.PRG
Year of Disposition	(MDISYR) 72	SHTLST42.PRG
(Column not used)	--- 73	---
Station of Admission	(MSTAT) 74-77	LNGLIST42.PRG & STAT42.DBF
Unidentified	(MLOC4) 78-81	not translated
Country of Admission	(MADMCY) 82	SHTLST42.PRG
Total Days	(MTOT) 83-85	as entered
Days Sick in Qtrs	(MHSPQ) 86-88	as entered
Misc.	(MMISC) 89	SHTLST42.PRG
Code	(DIAGTRAU) 90	as entered

NOTE: PRT42.PRG may contain additional information for any field.

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## 1942 CODE M (PRINT):

Input Tape IDs: SGO 040<sup>A</sup>, SGO 101<sup>A</sup>

(This tape is in the PRINT file format and contains both code M and T records. See the layout on the next page for code T records.)  
See file dump for COM header layout.

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
(Print Control Character)	1	---
Code (DIAGTRAU)	2	as entered
Service Number (MSVCNO)	4-11	as entered
Race (MRACE)	13	SHTLST42.PRG
Rank (MRANK)	15	SHTLST42.PRG
Age (MAGE)	17	SHTLST42.PRG
Place of Birth (MPOB)	19-20	SHTLST42.PRG
Arm of Service (MARM)	22	SHTLST42.PRG
Length of Service (MLEN)	24	SHTLST42.PRG
Station of Admission (MSTAT)	26-29	LNGLST42.PRG & STAT42.DBF
Country of Admission (MADMCY)	31	SHTLST42.PRG
Month of Admission (MADMMO)	33-34	SHTLST42.PRG
Year of Admission (MADMYR)	36	SHTLST42.PRG
Diagnosis (MDIAG2)	38-40	LNGLST42.PRG & DIAGNO42.DBF
1st Anatomical Location (MLOC1)	43-45	LNGLST42.PRG & ANATOM42.DBF
Qualifying Term (MQUAL)	52-53	SHTLST42.PRG
Operation (MOPR)	55-57	LNGLST42.PRG & OPERAT42.DBF
1st Associated Disease (MASD1)	67-69	LNGLST42.PRG & DIAGNO42.DBF
2nd Associated Disease (MASD2)	71-73	LNGLST42.PRG & DIAGNO42.DBF
3rd Associated Disease (MASD3)	75-77	LNGLST42.PRG & DIAGNO42.DBF
Readmission (MREAD)	79	SHTLST42.PRG
Remaining Case (MREMC)	81	SHTLST42.PRG
Line of Duty (MLOD)	83	SHTLST42.PRG
Field of Cause (MFLDC)	85	SHTLST42.PRG
Disposition (MDISP)	87	SHTLST42.PRG
Month of Disposition (MDISMO)	89-90	SHTLST42.PRG
Year of Disposition (MDISYR)	92	SHTLST42.PRG
Total Hospital Days (MTOT)	95-97	as entered
Days Sick in Qtrs (MHSPQ)	99-101	as entered
Miscellaneous (MMISC)	103	SHTLST42.PRG
Diagnosis (MDIAG4)	105-108	LNGLST42.PRG & DIAGNOSI.DBF
Unidentified (MLOC4)	110-113	not translated
Unidentified (MCAS4)	115-117	not translated
Hospital Days (MFRHD)	122-124	as entered
Unidentified (MDTOD)	129-131	not translated

NOTE: PRT42.PRG may contain additional information for any field.

## 1942 CODE T (PRINT)

Input Tape IDs: SGO 040<sup>A</sup>, SGO 101<sup>A</sup>

(This tape is in the PRINT file format and contains both code M and T records. See the layout on the prior page for code M records.)  
See file dump for COM header layout.

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
(Print Control Character	1	---
Code (DIAGTRAU)	2	as entered
Service Number (MSVCNO)	4-11	as entered
Race (MRACE)	13	SHTLST42.PRG
Rank (MRANK)	15	SHTLST42.PRG
Age (MAGE)	17	SHTLST42.PRG
Place of Birth (MPOB)	19-20	SHTLST42.PRG
Arm of Service (MARM)	22	SHTLST42.PRG
Length of Service (MLEN)	24	SHTLST42.PRG
Station of Admission (MSTAT)	26-29	LNGLST42.PRG & STAT42.DBF
Country of Admission (MADMCY)	31	SHTLST42.PRG
Month of Admission (MADMMO)	33-34	SHTLST42.PRG
Year of Admission (MADMYR)	36	SHTLST42.PRG
Diagnosis (MDIAG2)	38-40	LNGLST42.PRG & DIAGNO42.DBF
1st Anatomical Location (MLOC1)	43-45	LNGLST42.PRG & ANATOM42.DBF
2nd Anatomical Location (MLOC2)	48-50	LNGLST42.PRG & ANATOM42.DBF
Qualifying Term (MQUAL)	52-53	SHTLST42.PRG
Operation (MOPR)	55-57	LNGLST42.PRG & OPERAT42.DBF
← Causative Agent (MCAS2)	59-60	LNGLST42.PRG & CASAGT42.DBF
← Final Result (MFIN)	63-65	LNGLST42.PRG & FINRSL42.DBF
1st Associated Disease (MASD1)	67-68	LNGLST42.PRG & DIAGNO42.DBF
2nd Associated Disease (MASD2)	71-72	LNGLST42.PRG & DIAGNO42.DBF
Readmission (MREAD)	79	SHTLST42.PRG
Remaining Case (MREMC)	81	SHTLST42.PRG
Line of Duty (MLOD)	83	SHTLST42.PRG
Field of Cause (MFLDC)	85	SHTLST42.PRG
Disposition (MDISP)	87	SHTLST42.PRG
Month of Disposition (MDISMO)	89-90	SHTLST42.PRG
Year of Disposition (MDISYR)	92	SHTLST42.PRG
Total Hospital Days (MTOT)	95-97	as entered
Days Sick in Qtrs (MHSPQ)	99-101	as entered
Miscellaneous (MMISC)	103	SHTLST42.PRG
Diagnosis (MDIAG4)	105-108	LNGLST42.PRG & DIAGNOSI.DBF
Anatomical Location (MLOC4)	110-113	LNGLST42.PRG & ANATOMIC.DBF
Causative Agent (MCAS4)	115-117	LNGLST42.PRG & CAUSAGNT.DBF
Hospital Days (MFRHD)	122-124	as entered
Days to Disp Date (MDTOD)	129-131	as entered

NOTE: PRT42.PRG may contain additional information for any field.

# 2 should be 3 characters  
3rd Assoc. Disease not listed

Revised 3/95

**Record Layouts, 1943**

**General.** There are eleven record layouts for 1943. They are coded A, B, C, D, E, F, G, H, I, M, and T. The code to identify a format is in column 2 of the data record. The field names, memory variable names, and data columns are listed in the following. All columns which are not listed are blank.

The program (.prg) and database (.dbf) files containing code translations for the variables in each field are also listed for reference. Some codes interpretations are found within the related program (.prg) file. Other codes are interpreted through both a program file and database file. The program file often contains information and contingencies regarding certain code interpretations and should be referenced before consulting the specific code translations in the database file.

To interpret a code, it is recommended that the user first locate the variable name in the referenced program (.prg) file and read the documentation in the program (as well as the dBase code) to understand how the code was translated. The user may then reference the related database (.dbf) files, when these are indicated. Important notes are added to certain fields to further define decoding logic.

Codes may also be entered to the SGO runtime program for interpretation (see enclosure 4--Process SGO menu option). For accurate decoding, enter the codes from all fields in the record to the input screen. This is necessary because certain interpretations are dependent on the code entered in a related field.

**NOTE:** Code I actually includes three formats because it uses the 1944 code to translate it. Although identified by code I, the three record formats are determined in the 1944 program code. For additional information, see the general statement preceding the 1944 record layouts.

Revised 3/95

**1943 CODE A****Input Tape IDs: SGO 041<sup>A</sup>, SGO 054<sup>A</sup>****These are PRINT files and contain COM headers. See file dumps for COM header layouts.**

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
(Print Control Character)	1	---
Code (DIAGTRAU)	2	as entered
Prefix (MPREFIX)	4-8	as entered
Service Number (MSVCNO)	11-18	as entered
Rank (MRANK1)	20	SHTLST43.PRG
Unidentified 01 (MFLD1)	22	not translated
Race (MRACE)	24	SHTLST43.PRG
Arm (MARM1)	26	SHTLST43.PRG
Unidentified 02 (MFLD2)	28	not translated
Month of Admission (MADMMOA)	30-31	SHTLST43.PRG
Year of Admission (MADMYRA)	32	SHTLST43.PRG
Diagnosis (MDIAG43A)	34-37	LNGLST43.PRG & TRAUMA43.DBF
Anatomical Location (MLOC43A)	39-41	LNGLST43.PRG & ANATOM43.DBF
Operation (MOPR43A)	43-45	LNGLST43.PRG & OPERAT43.DBF
Causative Agent (MCAS43)	47-48	LNGLST43.PRG & CASAGT43.DBF
Final Result (MFINR43)	51-53	LNGLST43.PRG & FINRSL43.DBF
Disposition (MDISP)	55	SHTLST43.PRG
Month of Disposition (MDISMO)	57-58	SHTLST43.PRG
Year of Disposition (MDISYR)	59	SHTLST43.PRG
Hospital Days (MDAYS1)	61-63	as entered
Total Days (MDAYS2)	66-68	as entered
Diagnosis (MDIAG44A)	72-75	LNGLST43.PRG & (DIAG44 procedure in PROCFILE.PRG) & DIAGNOSI.DBF
Anatomical Location (MLOC44A)	77-80	LNGLST43.PRG & ANATOMIC.DBF
Causative Agent (MCAS44A)	82-84	LNGLST43.PRG & CAUSAGNT.DBF
Unidentified 03 (MFLD3)	88-92	not translated
Unidentified 04 (MFLD4)	94-100	not translated
Unidentified 05 (MFLD5)	102-105	not translated
Unidentified 06 (MFLD6)	107-110	not translated
Unidentified 07 (MFLD7)	112	not translated
Unidentified 08 (MFLD8)	115	not translated
Unidentified 09 (MFLD9)	118	not translated

**NOTE: PRT43A.PRG may contain additional information for any field.**

Revised 3/95

## 1943 CODE B

Tape IDs: SGO 042<sup>A</sup>, SGO 055<sup>A</sup>

These are PRINT files and contain COM headers. See file dumps for COM header layouts.

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
Print Control Character	1	---
Code (DIAGTRAU)	2	as entered
Prefix (MPREFIX)	4-8	as entered
Service Number (MSVCNO)	11-18	as entered
Rank (MRANK1)	20	SHTLST43.PRG
Race (MRACE)	22	SHTLST43.PRG
Arm (MARM1)	24	SHTLST43.PRG
Unidentified 02 (MFLD2)	26	not translated
Age (MAGE1)	28	SHTLST43.PRG
Length (MLNG1)	30	SHTLST43.PRG
Unidentified 03 (MFLD3)	32	not translated
Station of Admission (MSTAT43)	34-37	LNGLST43.PRG & STAT43.PRG <sup>DEF</sup>
Month of Admission (MADMMOA)	39-40	SHTLST43.PRG
Year of Admission (MADMYRA)	42	SHTLST43.PRG
Diagnosis (MDIAG43A)	44-47	LNGLST43.PRG & TRAUMA43.DBF
Qualifying Term (MQUAL)	49-50	SHTLST43.PRG
1st Anatomical Location (MLOC43A)	52-54	LNGLST43.PRG & ANATOM43.DBF
2nd Anatomical Location (MLOC43B)	56-58	LNGLST43.PRG & ANATOM43.DBF
Operation (MOPR43A)	60-62	LNGLST43.PRG & OPERAT43.DBF
Causative Agent (MCAS43)	64-65	LNGLST43.PRG & CASAGT43.DBF
Final Result (MFINR43)	68-70	LNGLST43.PRG & FINRSL43.DBF
1st Associated Disease (MASD1)	73-74	LNGLST43.PRG & ASSDIS43.DBF
2nd Associated Disease (MASD2)	77-78	LNGLST43.PRG & ASSDIS43.DBF
Disposition (MDISP)	81	SHTLST43.PRG
Month of Disposition (MDISMO)	83-84	SHTLST43.PRG
Year of Disposition (MDISYR)	85	SHTLST43.PRG
Hospital Days (MDAYS1)	87-89	as entered
Total Days (MDAYS2)	92-94	as entered
Diagnosis (MDIAG44A)	98-101	LNGLST43.PRG & (DIAG44 procedure in PROCFILE.PRG) & DIAGNOSI.DBF
Causative Agent (MCAS44A)	103-105	LNGLST43.PRG & CAUSAGNT.DBF
Unidentified field 04 (MFLD4)	108	not translated
Unidentified field 05 (MFLD5)	111-112	not translated
Unidentified field 06 (MFLD6)	114-115	not translated
Unidentified field 07 (MFLD7)	117-118	not translated
Unidentified field 08 (MFLD8)	120	not translated
Unidentified field 09 (MFLD9)	123-126	not translated

NOTE: PRT43B.PRG may contain additional information for any field.

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**1943 CODE C****Tape IDs: SGO 043<sup>A</sup>, SGO 056<sup>A</sup>****These are PRINT files and contain COM headers. See file dumps for COM header layouts.**

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
Print Control Character	1	---
Code (DIAGTRAU)	2	as entered
Prefix (MPREFIX)	4-8	as entered
Service Number (MSVCNO)	11-18	as entered
Rank (MRANK1)	20	SHTLST43.PRG
Unidentified 02 (MFLD2)	22	not translated
Arm (MARM1)	24	SHTLST43.PRG
Unidentified 03 (MFLD3)	26-29	not translated
Station of Admission (MSTAT43)	31-34	LNGLST43.PRG & STAT43.DBF
Month of Admission (MADMMOA)	36-37	SHTLST43.PRG
Year of Admission (MADMYRA)	39	SHTLST43.PRG
First Diagnosis (MDIAG43A)	41-44	LNGLST43.PRG & TRAUMA43.DBF
Qualifying Term (MQUAL)	46-47	SHTLST43.PRG
1st Anatomical Location (MLOC43A)	49-51	LNGLST43.PRG & ANATOM43.DBF
2nd Anatomical Location (MLOC43B)	53-55	LNGLST43.PRG & ANATOM43.DBF
Operation (MOPR43A)	57-59	LNGLST43.PRG & OPERAT43.DBF
Second Diagnosis (MDIAG43B)	61-64	LNGLST43.PRG & (DIAGNO43.DBF if the first digit of MDIAG43B = 0,1,2,3,4,5,7, or 8) or (TRAUMA43.DBF if the first digit of MDIAG43B = 6)
Third Diagnosis (MDIAG43C)	66-69	LNGLST43.PRG & (DIAGNO43.DBF if the first digit of MDIAG43C = 0,1,2,3,4,5,7, or 8) or (TRAUMA43.DBF if the first digit of MDIAG43C = 6)
Causative Agent (MCAS44A)	71-73	LNGLST43.PRG & CAUSAGNT.DBF
Disposition (MDISP)	75	SHTLST43.PRG
Month of Disposition (MDISMO)	77-78	SHTLST43.PRG
Year of Disposition (MDISYR)	79	SHTLST43.PRG
Hospital Days (MDAYS1)	81-83	as entered
Total Days (MDAYS2)	86-88	as entered
Diagnosis (MDIAG44A)	91-94	LNGLST43.PRG & (DIAG44 procedure in PROCFILE.PRG) & DIAGNOSI.DBF
Causative Agent (MCAS44B)	96-98	LNGLST43.PRG & CAUSAGNT.DBF
Unidentified field 04 (MFLD4)	103-105	not translated
Unidentified field 05 (MFLD5)	107-108	not translated
Unidentified field 06 (MFLD6)	110	not translated
Unidentified field 07 (MFLD7)	113-116	not translated

**NOTE: PRT43C.PRG may contain additional information for any field.**

Revised 3/95

## 1943 CODE D

Tape IDs: SGO 044<sup>A</sup>, SGO 057<sup>A</sup>

These are PRINT files and contain COM headers. See file dumps for COM header layouts.

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
(Print Control Character)	1	---
Code (DIAGTRAU)	2	as entered
Service Number (MSVCNO)	4-11	as entered
Unidentified 01 (MFLD1)	13	not translated
Arm (MARM1)	15	SHTLST43.PRG
Age (MAGE1)	17	SHTLST43.PRG
Length of Service (MLNG1)	19	SHTLST43.PRG
Unidentified 02 (MFLD2)	21	not translated
Station of Admission (MSTAT43)	23-26	LNGLST43.PRG & STAT43.DBF
Diagnosis (MDIAG43)	28-30	LNGLST43.PRG & TRAUMA43.DBF
1st Anatomical Location (MLOC43A)	33-35	LNGLST43.PRG & ANATOM43.DBF
2nd Anatomical Location (MLOC43B)	37-39	LNGLST43.PRG & ANATOM43.DBF
First Operation (MOPR43A)	41-43	LNGLST43.PRG & OPERAT43.DBF
Second Operation (MOPR43B)	45-47	LNGLST43.PRG & OPERAT43.DBF
1st Associated Disease (MASD1)	50-51	LNGLST43.PRG & ASSDIS43.DBF
2nd Associated Disease (MASD2)	54-55	LNGLST43.PRG & ASSDIS43.DBF
Causative Agent (MCAS43)	58-59	LNGLST43.PRG & CASAGT43.DBF
Unidentified 03 (MFLD3)	67	not translated
Arm (MARM2)	69-70	SHTLST43.PRG
Age (MAGE2)	72-73	SHTLST43.PRG
Length (MLNG2)	75-76	SHTLST43.PRG
Unidentified 04 (MFLD4)	78	not translated
If the entry in column 79 is a hyphen (-)		
Station of Admission (MSTAT44)	80-81	LNGLST43.PRG & TWODGT44.DBF
Day of Admission "	82-83	as entered
If the entry in column 79 is not a hyphen (-)		
Station of Admission (MSTAT44)	80-83	LNGLST43.PRG & STATION.DBF
First Diagnosis (MDIAG44A)	85-88	LNGLST43.PRG & (DIAG44 procedure in PROCFILE.PRG) & DIAGNOSI.DBF
1st Anatomical Location (MLOC44A)	90-93	LNGLST43.PRG & ANATOMIC.DBF
Second Diagnosis (MDIAG44B)	95-98	LNGLST43.PRG & (DIAG44 procedure in PROCFILE.PRG) & DIAGNOSI.DBF
2nd Anatomical Location (MLOC44B)	100-103	LNGLST43.PRG & ANATOMIC.DBF
Third Diagnosis (MDIAG44C)	105-108	LNGLST43.PRG & (DIAG44 procedure in PROCFILE.PRG) & DIAGNOSI.DBF

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First Operation	(MOPR44A)	110-112	LNGLST43.PRG & OPERATIO.DBF
Second Operation	(MOPR44B)	114-116	LNGLST43.PRG & OPERATIO.DBF
Causative Agent	(MCAS44A)	118-120	LNGLST43.PRG & CAUSAGNT.DBF
Unidentified 05	(MFLD5)	122	Not translated

**NOTE:** PRT43D.PRG may contain additional information for any field.

Revised 3/95

## 1943 CODE E

Tape IDs: SGO 045<sup>A</sup>, SGO 058<sup>A</sup>

These are PRINT files and contain COM headers. See file dumps for COM header layouts.

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
Print Control Character	1	---
Code (DIAGTRAU)	2	as entered
Service Number (MSVCNO)	4-11	as entered
Rank (MRANK1)	13	SHTLST43.PRG
Unidentified 01 (MFLD1)	15	not translated
Rank (MRANK2)	17	SHTLST43.PRG
Race (MRACE)	19	SHTLST43.PRG
Month of Admission (MADMMOA)	21-22	SHTLST43.PRG
Year of Admission (MADMYRA)	23	SHTLST43.PRG
Month of Admission (MADMMOB)	25-26	SHTLST43.PRG
Year of Admission (MADMYRB)	27	SHTLST43.PRG
Qualifying Term (MQUAL)	29-30	SHTLST43.PRG
Final Result (MFINR43)	32-34	LNGLIST43.PRG & FINRSL43.DBF
Disposition (MDISP)	36	SHTLST43.PRG
Month of Disposition (MDISMO)	38-39	SHTLST43.PRG
Year of Disposition (MDISYR)	40	SHTLST43.PRG
Days Lost (MDAYS1)	42-44	as entered
Days Lost (MDAYS2)	47-49	as entered
Days Lost (MDAYS3)	52-54	as entered
Hospital Days (MDAYS4)	57-59	as entered
Total Days Lost (MDAYS5)	62-64	as entered
Final Result/Tot Days (MFINR44)	67-69	LNGLIST43.PRG & FINRSLT.DBF (or if Tot Days, as entered)
Unidentified 02 (MFLD2)	74-75	not translated
Unidentified 03 (MFLD3)	77-86	not translated
Unidentified 04 (MFLD4)	88	not translated
Unidentified 05 (MFLD5)	91	not translated
Unidentified 06 (MFLD6)	94	not translated
Unidentified 07 (MFLD7)	97-111	not translated
Unidentified 08 (MFLD8)	113-117	not translated

NOTE: PRT43E.PRG may contain additional information for any field.

Revised 3/95

## 1943 CODE F

Tape IDs: SGO 046<sup>A</sup>, SGO 059<sup>A</sup>

These are PRINT files and contain COM headers. See file dumps for COM header layouts.

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
(Print Control Character)	1	---
Code (DIAGTRAU)	2	as entered
Service Number (MSVCNO)✓	4-11	as entered
Arm (MARM1)✓	13	SHTLST43.PRG
Arm (MARM2)✓	15-16	SHTLST43.PRG
Unidentified 01 (MFLD1)	18	not translated
Age (MAGE1)✓	20	SHTLST43.PRG
Age (MAGE2)✓	22-23	SHTLST43.PRG
Race (MRACE)✓	25	SHTLST43.PRG
Unidentified 02 (MFLD2)	27	not translated
Length (MLNG2)✓	29-30	SHTLST43.PRG
Station of Admission (MSTAT43)✓	32-35	LNGLST43.PRG & STAT43.DBF
First Diagnosis (MDIAG43A)✓	37-40	LNGLST43.PRG & TRAUMA.DBF [TRAUMA43.DBF]
1st Anatomical Location or Unidentified 03 (MLOC43A)✓	42-44	LNGLST43.PRG & ANATOM43.DBF
2nd Anatomical Location or Unidentified 04 (MLOC43B)✓	47-49	LNGLST43.PRG & ANATOM43.DBF
Second Diagnosis (MDIAG43B)✓	52-55	LNGLST43.PRG & (DIAGNO43.DBF if the first digit of MDIAG43B = 0,1,2,3,4,5,7, or 8) or (TRAUMA43.DBF if the first digit of MDIAG43B = 6)
Third Diagnosis (MDIAG43C)✓	57-60	LNGLST43.PRG & (DIAGNO43.DBF if the first digit of MDIAG43C = 0,1,2,3,4,5,7, or 8) or (TRAUMA43.DBF if the first digit of MDIAG43C = 6)
First Operation (MOPR43A)✓	62-64	LNGLST43.PRG & OPERAT43.DBF
Second Operation (MOPR43B)✓	66-68	LNGLST43.PRG & OPERAT43.DBF
Causative Agent (MCAS44A)✓	70-72	LNGLST43.PRG & CAUSAGNT.DBF
First Diagnosis (MDIAG44A)✓	76-79	LNGLST43.PRG & (DIAG44 procedure in PROCFILE.PRG) & DIAGNOSI.DBF
1st Anatomical Location (MLOC44A)✓	81-84	LNGLST43.PRG & ANATOMIC.DBF
Second Diagnosis (MDIAG44B)✓	86-89	LNGLST43.PRG & (DIAG44 procedure in PROCFILE.PRG) & DIAGNOSI.DBF
2nd Anatomical Location (MLOC44B)✓	91-94	LNGLST43.PRG & ANATOMIC.DBF
Third Diagnosis (MDIAG44C)✓	96-99	LNGLST43.PRG & (DIAG44 procedure in PROCFILE.PRG) & DIAGNOSI.DBF

Operation	(MOPR44A)✓	101-103	LNGLST43.PRG & OPERATIO.DBF
Causative Agent	(MCAS44B)✓	105-107	LNGLST43.PRG & CAUSAGNT.DBF
Unidentified 03	(MFLD3)	109-111	not translated
Unidentified 04	(MFLD4)	113	not translated

NOTE: PRT43F.PRG may contain additional information for any field.

**1943 CODE G**Tape IDs: SGO 047<sup>A</sup>, SGO 060<sup>A</sup>

These are PRINT files and contain COM headers. See file dumps for COM header layouts.

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
Print Control Character	1	---
Code (DIAGTRAU)	2	as entered
Service Number (MSVCNO)	4-11	as entered
Rank (MRANK1)	13	SHTLST43.PRG
Race (MRACE)	15	SHTLST43.PRG
Age (MAGE1)	17	SHTLST43.PRG
Place of Birth (MPOB)	19-20	SHTLST43.PRG
Arm (MARM2)	22-23	SHTLST43.PRG
Unit (MUNIT)	25-27	as entered
Unidentified (MLNG2)	30-31	not translated
Hospital of Admission (MHOSPADM)	34-36	LNGLST43.PRG & HOSP42.DBF
Admission Status (MSTATUS)	39	SHTLST43.PRG
First Transfer (MTRNS1)	44-46	LNGLST43.PRG & HOSP42.DBF
Second Transfer (MTRNS2)	48-50	LNGLST43.PRG & HOSP42.DBF
Month of Admission (MADMMOA)	53-54	SHTLST43.PRG
Year of Admission (MADMYRA)	55	SHTLST43.PRG
First Diagnosis (MDIAG43A)	57-60	LNGLST43.PRG &
(DIAGNO43.DBF if the first digit of MDIAG43A = 0) or		
(TRAUMA43.DBF if the first digit of MDIAG43A = 6)		
Qualifying Term (MQUAL)	62-63	SHTLST43.PRG
1st Anatomical Location (MLOC43A)	65-67	LNGLST43.PRG & ANATOM43.DBF
2nd Anatomical Location (MLOC43B)	69-71	LNGLST43.PRG & ANATOM43.DBF
Second Diagnosis (MDIAG43B)	73-76	LNGLST43.PRG &
(DIAGNO43.DBF if the first digit of MDIAG43B = 0,1,2,3,4,5,7, or 8) or		
(TRAUMA43.DBF if the first digit of MDIAG43B = 6)		
Third Diagnosis (MDIAG43C)	78-81	LNGLST43.PRG &
(DIAGNO43.DBF if the first digit of MDIAG43C = 0,1,2,3,4,5,7, or 8) or		
(TRAUMA43.DBF if the first digit of MDIAG43C = 6)		
Operation (MOPR43A)	83-85	LNGLST43.PRG & OPERAT43.DBF
Causative Agent (MCAS44A)	87-89	LNGLST43.PRG & CAUSAGNT.DBF
Disposition (MDISP)	91	SHTLST43.PRG
Month of Disposition (MDISMO)	93-94	SHTLST43.PRG
Year of Disposition (MDISYR)	95	SHTLST43.PRG
Line of Duty (MLOD)	97	SHTLST43.PRG
Hospital Days (MDAYS1)	99-101	as entered
Other Days (MDAYS2)	104-106	as entered
Total Days Lost (MDAYS3)	109-111	as entered
Days Lost: In Quarters (MDAYS4)	115-116	as entered
Misc (MMISC)	119	SHTLST43.PRG
Unidentified 05 (MFLD5)	124-126	not translated
Unidentified 11 (MFLD11)	129	not translated

NOTE: PRT43G.PRG may contain additional information for any field.

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**1943 CODE H****Tape IDs: SGO 048<sup>A</sup>, SGO 061<sup>A</sup>****These are PRINT files and contain COM headers. See file dumps for COM header layouts.**

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
Print Control Character	1	---
Code (DIAGTRAU)	2	as entered
Service Number (MSVCNO)	4-11	as entered
Rank (MRANK1)	13	SHTLST43.PRG
Race (MRACE)	15	SHTLST43.PRG
Month of Admission (MADMMOA)	17-18	SHTLST43.PRG
Year of Admission (MADMYRA)	19	SHTLST43.PRG
Month of Admission (MADMMOB)	21-22	SHTLST43.PRG
Year of Admission (MADMYRB)	23	SHTLST43.PRG
Qualifying Term (MQUAL)	25-26	SHTLST43.PRG
Disposition (MDISP)	28	SHTLST43.PRG
Month of Disposition (MDISMO)	30-31	SHTLST43.PRG
Year of Disposition (MDISYR)	32	SHTLST43.PRG
Hospital Days (MDAYS1)	34-36	as entered
Total Days (MDAYS2)	39-41	as entered
Hospital Days (MDAYS3)	44-46	as entered
Total Days (MDAYS4)	49-51	as entered
Unidentified 01 (MFLD1)	56	not translated
Unidentified 02 (MFLD2)	58-83	not translated
Unidentified 03 (MFLD3)	85	not translated
Unidentified 04 (MFLD4)	87-103	not translated
Unidentified 05 (MFLD5)	105	not translated

**NOTE: PRT43H.PRG may contain additional information for any field.**

SEE 1. SPAN PRT43H

Revised 3/95

**1943 CODE I (uses 1944 decoding files)**Tape IDs: SGO 049<sup>A</sup>; SGO 062<sup>A</sup>

These are PRINT files and contain COM headers. See file dumps for COM header layouts.

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
Print Control Character	1	---
Code (DIAGTRAU)	2	as entered
Service Number (MSVCNO)	4-11	as entered
Rank (MRANK)	15	SHTLST44.PRG
Arm (MARM)	17-18	SHTLST44.PRG
Age (MAGE)	21-22	SHTLST44.PRG
Race (MRACE)	25	SHTLST44.PRG
Length of Service (MYRSSVC)	27-28	SHTLST44.PRG
Month of Admission (MADMDATE)	31-32	SHTLST44.PRG
Year of Admission "	33	SHTLST44.PRG
* For input prepared in Washington		
Station of Admission (MSTNADM)	35-38	WASHINGTON.PRG & STATION.DBF
or		
Station of Admission (MSTNADM)	35-36	WASHINGTON.PRG
Day of Admission ( " )	37-38	as entered
* For input prepared in London:		
Area Originated/Disp (MSTMADM)	35-36	LONDON.PRG
Days in Evac Hosp ( " )	37-38	as entered
Last Treatment Facility (MFTRTFAC)	40	SHTLST44.PRG
* For input prepared in Washington:		
Invalided Home or		
Died in Prison (MINVPRS)	42	WASHINGTON.PRG
* For input prepared in London:		
Circumstances Sur-		
rounding Injury (MINVPRS)	42	LONDON.PRG
Type of Case (MTYPCASE)	44	SHTLST44.PRG
Type of Admission (MTYPADM)	46	SHTLST44.PRG
Type of Diagnosis (MTYPDIAG)	48	SHTLST44.PRG
Line of Duty (MLOD)	50	SHTLST44.PRG
First Diagnosis (MDIAG1)	52-55	LNGLST44.PRG & DIAGNOSI.DBF
First Location (MLOCA1)	57-60	LNGLST44.PRG & ANATOMIC.DBF
First Operation (MOPER1)	62-64	LNGLST44.PRG & OPERATIO.DBF
Second Diagnosis (MDIAG2)	66-69	LNGLST44.PRG & DIAGNOSI.DBF
Second Location (MLOCA2)	71-74	LNGLST44.PRG & ANATOMIC.DBF

* For input prepared in Washington:			
Second Operation	(MOPER2)	76-78	LNGLST44.PRG & OPERATIO.DBF
* For input prepared in London:			
Convalescent Hosp Days	(MOPER2)	76-78	as entered
Third Diagnosis	(MDIAG3)	80-83	LNGLST44.PRG & DIAGNOSI.DBF
Causative Agent	(MCAUSAGT)	85-87	LNGLST44.PRG & CAUSAGNT.DBF
* For input prepared in Washington:			
Final Result	(MFINRSLT)	89-91	WASHINGT.PRG & FINRSLT.DBF
* For input prepared in London:			
Last Medical Unit	(MFINRSLT)	89-91	LONDON.PRG & LSTMED44.DBF
Disposition	(MDISP)	93	SHTLST44.PRG
Field of Cause of Death or Discharge	(MFLDCAUS)	95	SHTLST44.PRG
Month of Disposition	(MDISPDT)	97-98	SHTLST44.PRG & (MOYRCALC procedure in PROCFILE.PRG)
Year of Disposition	"	99	SHTLST44.PRG
Total Non-effective Days	(MTOTDAY)	101-103	as entered
Hospital Days	(MHOSPDAY)	106-108	as entered
Current Year/Gen Hosp Overseas Days	(MCYTOTDA)	111-113	as entered
*For input prepared in Washington:			
Circumstances	(MCIRC)	116	WASHINGT.PRG
Unit	(MUNIT)	117-119	as entered
*For input prepared in London:			
Place of Final Cure	(MPLFNCUR)	116-119	LONDON.PRG & HSPCUR44.DBF
(MCIRC + MUNIT = MPLFNCUR)			
Sample	(MSAMPSIZ)	122	SHTLST44.PRG

**NOTE:** PRT44W.PRG may contain additional information for any field.  
Also see the notes for the 1944 record layout because 1943 code I is  
interpreted using the 1944 programs and databases.

Revised 3/95

**1943 CODE M**Tape IDs: SGO 050<sup>A</sup>, SGO 053<sup>A</sup>

These are PRINT files. See the file dumps for COM header layouts.

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
Print Control Character	1	---
Code (DIAGTRAU)	2	as entered
Service Number (MSVCNO)	4-11	as entered
Race (MRACE)	13	SHTLST43.PRG
Rank (MRANK1)	15	SHTLST43.PRG
Age (MAGE1)	17	SHTLST43.PRG
Place of Birth (MPOB)	19-20	SHTLST43.PRG
Arm of Service (MARM1)	22	SHTLST43.PRG
Length of Service (MLNG1)	24	SHTLST43.PRG
Station of Admission (MSTAT43)	26-29	LNGLST43.PRG & STAT43.DBF
Country of Admission (MADMCY)	31	SHTLST43.PRG
Month of Admission (MADMMOA)	33-34	SHTLST43.PRG
Year of Admission (MADMYRA)	36	SHTLST43.PRG
Final Place of Treatment (MPLCTRMT)	38-41	not translated
Diagnosis (MDIAG43)	43-45	LNGLST43.PRG & DIAGNO43.DBF
1st Anatomical Location (MLOC43A)	48-50	LNGLST43.PRG & ANATOM43.DBF
Qualifying Term (MQUAL)	57-58	SHTLST43.PRG
Operation (MOPR43A)	60-62	LNGLST43.PRG & OPERAT43.DBF
1st Associated Disease (MASSDISA)	72-74	LNGLST43.PRG & DIAGNO43.DBF
2nd Associated Disease (MASSDISB)	76-78	LNGLST43.PRG & DIAGNO43.DBF
3rd Associated Disease (MASSDISC)	80-82	LNGLST43.PRG & DIAGNO43.DBF
Readmission (MREAD)	84	SHTLST43.PRG
Remaining Case (MREMC)	86	SHTLST43.PRG
Line of Duty (MLOD)	88	SHTLST43.PRG
Field of Cause of Death or Discharge (MFLDCAUS)	90	SHTLST43.PRG
Disposition (MDISP)	92	SHTLST43.PRG
Month of Dispositon (MDISMO)	94-95	SHTLST43.PRG
Year of Disposition (MDISYR)	97	SHTLST43.PRG
Total Days Lost (MDAYS1)	100-102	as entered
Total Days Lost (MDAYS2)	104-106	as entered
Miscellaneous (MMISC)	108	SHTLST43.PRG
Diagnosis (MDIAG44A)	111-114	LNGLST43.PRG & (DIAG44 procedure in PROCFILE.PRG) & DIAGNOSI.DBF
Unidentified (MLOC44A)	116-119	not translated
Unidentified (MCAS44A)	121-123	not translated
Unidentified (MFINR44)	125-127	not translated
Unidentified (MDAYS3)	130-132	not translated

NOTE: PRT43.PRG may contain additional information for any field.

## 1943 CODE T

Tape IDs: SGO 050<sup>A</sup>, SGO 053<sup>A</sup>

These are PRINT files and contain COM headers. See the file dumps for COM header layouts.

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
Print Control Character	1	---
Code (DIAGTRAU)	2	as entered
Service Number (MSVCNO)	4-11	as entered
Race (MRACE)	13	SHTLST43.PRG
Rank (MRANK1)	15	SHTLST43.PRG
Age (MAGE1)	17	SHTLST43.PRG
Place of Birth (MPOB)	19-20	SHTLST43.PRG
Arm of Service (MARM1)	22	SHTLST43.PRG
Length of Service (MLNG1)	24	SHTLST43.PRG
Station of Admission (MSTAT43)	26-29	LNGLST43.PRG & STAT43.DBF
Country of Admission (MADMCY)	31	SHTLST43.PRG
Month of Admission (MADMMOA)	33-34	SHTLST43.PRG
Year of Admission (MADMYRA)	36	SHTLST43.PRG
Final Place of Treatment (MPLCTRMT)	38-41	not translated
Diagnosis (MDIAG43)	43-45	LNGLST43.PRG & TRAUMA.DBF
1st Anatomical Location (MLOC43A)	48-50	LNGLST43.PRG & ANATOM43.DBF
2nd Anatomical Location (MLOC43B)	53-55	LNGLST43.PRG & ANATOM43.DBF
Qualifying Term (MQUAL)	57-58	SHTLST43.PRG
Operation (MOPR43A)	60-62	LNGLST43.PRG & OPERAT43.DBF
Causative Agent (MCAS43)	64-65	LNGLST43.PRG & CASAGT43.DBF
Final Result (MFINR43)	68-70	LNGLST43.PRG & FINRSL43.DBF
1st Associated Disease (MASD1)	72-73	LNGLST43.PRG & ASSDIS43.DBF
2nd Associated Disease (MASD2)	76-77	LNGLST43.PRG & ASSDIS43.DBF
Readmission (MREAD)	84	SHTLST43.PRG
Remaining Case (MREMC)	86	SHTLST43.PRG
Line of Duty (MLOD)	88	SHTLST43.PRG
Field of Cause of Death or Discharge (MFLDCAUS)	90	SHTLST43.PRG
Disposition (MDISP)	92	SHTLST43.PRG
Month of Dispositon (MDISMO)	94-95	SHTLST43.PRG
Year of Disposition (MDISYR)	97	SHTLST43.PRG
Total Days Lost (MDAYS1)	100-102	as entered
Total Days Lost (MDAYS2)	104-106	as entered
Miscellaneous (MMISC)	108	SHTLST43.PRG
Diagnosis (MDIAG44A)	111-114	LNGLST43.PRG & (DIAG44 procedure in PROCFILE.PRG) & DIAGNOSI.DBF
Unidentified (MLOC44A)	116-119	not translated
Unidentified (MCAS44A)	121-123	not translated
Unidentified (MFINR44)	125-127	not translated
Unidentified (MDAYS3)	130-132	not translated

NOTE: PRT43.PRG may contain additional information for any field.

## Record Layouts, 1944

**General.** There is one record layout for 1944, but it contains options depending if the record is classified as coded in Washington, London, or Unknown (N). Rather than three separate layouts, these options are all noted on the layout used for all 1944 records. Reference the file named 44PROBE.PRG to review the characteristics which differentiate the three different categories. There is no assigned code in a special field to identify the three types. The processing programs analyze each record for certain conditions which differentiate these records. The field names, memory variable names, and data columns are listed in the following. All columns which are not listed are blank.

The program (.prg) and database (.dbf) files containing code translations for the variables in each field are also listed for reference. Some codes interpretations are found within the related program (.prg) file. Other codes are interpreted through both a program file and database file. The program file often contains information and contingencies regarding certain code interpretations and should be referenced before consulting the specific code translations in the database file.

To interpret a code, it is recommended that the user first locate the variable name in the referenced program (.prg) file and read the documentation in the program (as well as the dBase code) to understand how the code was translated. The user may then reference the related database (.dbf) files, when these are indicated. Important notes are added to certain fields to further define decoding logic.

Codes may also be entered to the SGO runtime program for interpretation (see enclosure 4--Process SGO menu option). For accurate decoding, enter the codes from all fields in the record to the input screen. This is necessary because certain interpretations are dependent on the code entered in a related field.

1944

Tape IDs: SGO 025<sup>A</sup>, 026<sup>A</sup>, 027<sup>A</sup> (VOL 1878787), SGO 014<sup>A</sup>, SGO 022<sup>A</sup>  
 These are WORK files.

FIELD/(MEMORY VARIABLE NAME)		COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
Service Number	(MSVCNO)	1-9	as entered
Service Number	"	10-17	as entered
Sample	(MSAMPSIZ)	18	SHTLST44.PRG
Rank	(MRANK)	19	SHTLST44.PRG
Arm	(MARM)	20-21	SHTLST44.PRG
Age	(MAGE)	22-23	SHTLST44.PRG
Race	(MRACE)	24	SHTLST44.PRG
Years of Service	(MYRSSVC)	25-26	SHTLST44.PRG
Month of Admission	(MADMDATE)	27-28	SHTLST44.PRG
Year of Admission	"	29	SHTLST44.PRG
* For input prepared in Washington			
Station of Admission	(MSTNADM)	30-33	WASHINGTON.PRG & STATION.DBF
or			
Station of Admission	(MSTNADM)	30-31	WASHINGTON.PRG
Day of Admission	( " )	32-33	as entered
* For input prepared in London:			
Area Originated/Disp	(MSTNADM)	30-31	LONDON.PRG
Days in Evac Hosp	( " )	32-33	as entered
Last Treatment Facility	(MFTRTFAC)	34	SHTLST44.PRG
* For input prepared in Washington:			
Invalided Home or Died in Prison	(MINVPRS)	35	WASHINGTON.PRG
* For input prepared in London:			
Circumstances Sur- rounding Injury	(MINVPRS)	35	LONDON.PRG
Type of Case	(MTYPCASE)	36	SHTLST44.PRG
Type of Admission	(MTYPADM)	37	SHTLST44.PRG
Type of Diagnosis	(MTYPDIA)	38	SHTLST44.PRG
Line of Duty	(MLOD)	39	SHTLST44.PRG
First Diagnosis	(MDIAG1)	40-43	LNGLST44.PRG & DIAGNOSI.DBF
First Location	(MLOCAL1)	44-47	LNGLST44.PRG & ANATOMIC.DBF
First Operation	(MOPER1)	48-50	LNGLST44.PRG & OPERATIO.DBF
Second Diagnosis	(MDIAG2)	51-54	LNGLST44.PRG & DIAGNOSI.DBF
Second Location	(MLOCA2)	55-58	LNGLST44.PRG & ANATOMIC.DBF

* For input prepared in Washington: Second Operation (MOPER2)	59-61	LNGLST44.PRG & OPERATIO.DBF
* For input prepared in London: Convalescent Hosp Days(MOPER2)	59-61	as entered
Third Diagnosis (MDIAG3)	62-65	LNGLST44.PRG & DIAGNOSI.DBF
Causative Agent (MCAUSAGT)	66-68	LNGLST44.PRG & CAUSAGNT.DBF
* For input prepared in Washington: Final Result (MFINRSLT)	69-71	WASHINGT.PRG & FINRSLT.DBF
* For input prepared in London: Last Medical Unit (MFINRSLT)	69-71	LONDON.PRG & LSTMED44.DBF
Disposition (MDISP)	72	SHTLST44.PRG
Field of Cause of Death or Discharge (MFLDCAUS)	73	SHTLST44.PRG
Month of Disposition (MDISPDT)	74-75	SHTLST44.PRG & (MOYRCALC procedure in PROCFILE.PRG)
Year of Disposition "	76	SHTLST44.PRG
Total Non-effective Days (MTOTDAY)	77-79	as entered
Hospital Days (MHOSPDAY)	80-82	as entered
Current Year/Gen Hosp Overseas Days (MCYTOTDA)	83-85	as entered
*For input prepared in Washington: Circumstances (MCIRC)	86	WASHINGT.PRG
Unit (MUNIT)	87-89	as entered
*For input prepared in London: Place of Final Cure (MPLFNCUR) (MCIRC + MUNIT = MPLFNCUR)	86-89	LONDON.PRG & HSPCUR44.DBF

NOTE: PRT44W.PRG may contain additional information for any field.

## Record Layout, 1945

**General.** There is one record layout for 1945. The field names, memory variable names, and data columns are listed in the following. All columns which are not listed are blank.

The program (.prg) and database (.dbf) files containing code translations for the variables in each field are also listed for reference. Some codes interpretations are found within the related program (.prg) file. Other codes are interpreted through both a program file and database file. The program file often contains information and contingencies regarding certain code interpretations and should be referenced before consulting the specific code translations in the database file.

To interpret a code, it is recommended that the user first locate the variable name in the referenced program (.prg) file and read the documentation in the program (as well as the dBase code) to understand how the code was translated. The user may then reference the related database (.dbf) files, when these are indicated. Important notes are added to certain fields to further define decoding logic.

Codes may also be entered to the SGO runtime program for interpretation (see enclosure 4--Process SGO menu option). For accurate decoding, enter the codes from all fields in the record to the input screen. This is necessary because certain interpretations are dependent on the code entered in a related field.

1945

Tape IDs: SGO 015<sup>A</sup>, SGO 016<sup>A</sup>, SGO 017<sup>A</sup>, SGO 018<sup>A</sup>

These are WORK files.

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
Service Number	(MSVCNO) 1-9	as entered
Service Number	" 10-17	as entered
Sample Size	(MSAMP) 18	SHTLST45.PRG
Rank	(MRANK) 19	SHTLST45.PRG
Age	(MAGE) 20-21	SHTLST45.PRG
Race	(MRACE) 22	SHTLST45.PRG
Length of Service	(MLEN) 23	SHTLST45.PRG
Arm of Service	(MARM) 24-25	SHTLST45.PRG
AAF Status	(MAAF) 26	SHTLST45.PRG
Station/Day of Admission	(MSADM) 27-30	LNGLST45.PRG & STATION.DBF
Month of Admission	(MMADM) 31	SHTLST45.PRG
Year of Admission	(MYADM) 32	SHTLST45.PRG
Last Treatment Facility	(MFNLT) 33	SHTLST45.PRG
Special Class of Case	(MSPCL) 34	SHTLST45.PRG
Type of Case	(MTCAS) 35	SHTLST45.PRG
Type of Admission	(MTADM) 36	SHTLST45.PRG
1st Diagnosis	(M1DIA) 37-40	LNGLST45.PRG & DIAGNO45.DBF
1st Anatomical Location	(M1LOC) 41-44	LNGLST45.PRG & ANATOM45.DBF
1st Operation	(M1OPE) 45-47	LNGLST45.PRG & OPERAT45.DBF
2nd Diagnosis	(M2DIA) 48-51	LNGLST45.PRG & DIAGNO45.DBF
2nd Anatomical Location	(M2LOC) 52-55	LNGLST45.PRG & ANATOM45.DBF
2nd Operation	(M2OPE) 56-58	LNGLST45.PRG & OPERAT45.DBF
3rd Diagnosis	(M3DIA) 59-62	LNGLST45.PRG & DIAGNO45.DBF
Causative Agent	(MCAGT) 63-65	LNGLST45.PRG & CAUSAGNT.DBF
Circumstances Surrounding Injury	(MCIRC) 66	SHTLST45.PRG
Final Result	(MFRES) 67-69	LNGLST45.PRG & FINRSL45.DBF
Total Days (non-effective)	(MTOTD) 70-72	as entered & SHTLST45.PRG
Overseas Days	(MOVRO) 73-75	as entered & SHTLST45.PRG
Type of Disposition	(MTDIS) 76	SHTLST45.PRG
Field of Cause of Disposition	(MFLDC) 77	SHTLST45.PRG
Month of Disposition	(MMDIS) 78	SHTLST45.PRG
Year of Disposition	(MYDIS) 79	SHTLST45.PRG
Hospital Days	(MHDGC) 80-82	as entered & SHTLST45.PRG
Unit Number/Days in last Gen or Conval Hosp	(MLASGC) 83-85	as entered & SHTLST45.PRG
Specialized Treatment	(MSPTR) 86-87	SHTLST45.PRG
General and Convalescent Hospital	(MGHCH) 88-89	LNGLST45.PRG & GCHOSP45.DBF

NOTE: PRT45.PRG may contain additional information for any field.

## Record Layout, 1950-53

**General.** There is one record layout for 1950-53. The same layout was used for all four years. The field names, memory variable names, and data columns are listed in the following. All columns which are not listed are blank.

The program (.prg) and database (.dbf) files containing code translations for the variables in each field are also listed for reference. Some codes interpretations are found within the related program (.prg) file. Other codes are interpreted through both a program file and database file. The program file often contains information and contingencies regarding certain code interpretations and should be referenced before consulting the specific code translations in the database file.

To interpret a code, it is recommended that the user first locate the variable name in the referenced program (.prg) file and read the documentation in the program (as well as the dBase code) to understand how the code was translated. The user may then reference the related database (.dbf) files, when these are indicated. Important notes are added to certain fields to further define decoding logic.

Codes may also be entered to the SGO runtime program for interpretation (see enclosure 4--Process SGO menu option). For accurate decoding, enter the codes from all fields in the record to the input screen. This is necessary because certain interpretations are dependent on the code entered in a related field.

1950 - 1953

Tape IDs: SGO 019<sup>A</sup>, SGO 020<sup>A</sup>

These are WORK files.

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
Service Number	(MSVCNO) 1-9	as entered
Initial Classification	(MIC) 10	SHTLST50.PRG
Service Prefix	(MSVPR) 11-12	SHTLST50.PRG
Service Number	(MSVCNO) 13-20	as entered
Age	(MAGE) 22	SHTLST50.PRG
Length of Service	(MLEN) 23	SHTLST50.PRG
Branch of Service	(MBRSV) 24-25	SHTLST50.PRG
Type of Unit	(MTYUN) 26-27	SHTLST50.PRG
Unit Number	(MUNIT) 28-31	as entered
Station of Admission	(MSADM) 32-35	LNGLST50.PRG & STAT50.DBF
Month of Admission	(MMADM) 36	SHTLST50.PRG
Year of Admission	(MYADM) 37	SHTLST50.PRG
1st Diagnosis	(M1DIA) 39-42	LNGLST50.PRG & DIAGNO50.DBF
1st Location	(M1LOC) 43-46	LNGLST50.PRG & ANATOM50.DBF
1st Operation	(M1OPE) 47-49	LNGLST50.PRG & OPERAT50.DBF
2nd Diagnosis	(M2DIA) 50-53	LNGLST50.PRG & DIAGNO50.DBF
2nd Location	(M2LOC) 54-57	LNGLST50.PRG & ANATOM50.DBF
2nd Operation	(M2OPE) 58-60	LNGLST50.PRG & OPERAT50.DBF
Duty Status, Conduct, and Negligence Factors	(MFCTR) 61	SHTLST50.PRG
Activity	(MACTV) 62	SHTLST50.PRG
Causative Agent	(MCAGT) 63-65	LNGLST50.PRG & CASAGT50.DBF
Final Result	(MFRES) 66-68	LNGLST50.PRG & FINRSL50.DBF
Place of Final Treatment	(MFTRT) 69-70	SHTLST50.PRG
Specialized Treatment	(MSPTR) 71-72	SHTLST50.PRG
Evacuee and Prisoner Status	(MEPS) 73	SHTLST50.PRG
Disposition	(MDSP) 74	SHTLST50.PRG
Month of Disposition	(MMDIS) 77	SHTLST50.PRG
Year of Disposition and File Year	(MYDIS) 78	SHTLST50.PRG
Non-effective Days:		
Tot Days for Compl Case	(MCCSE) 79-81	SHTLST50.PRG & (PICKIT procedure in PROCFILE.PRG)
Tot Days in Current Year	(MCURY) 82-84	SHTLST50.PRG & (PICKIT procedure in PROCFILE.PRG)
Tot Days Overseas	(MOS) 85	SHTLST50.PRG & (PICKIT procedure in PROCFILE.PRG)
Total Days, US and Overseas in:		
Named Army Hospitals	(MOSA) 86	SHTLST50.PRG & (PICKIT procedure in PROCFILE.PRG)
Hospital and Infirmary	(MOSH) 87	SHTLST50.PRG & (PICKIT procedure in PROCFILE.PRG)
Quarters	(MOSQ) 88	SHTLST50.PRG & (PICKIT procedure in PROCFILE.PRG)

Leave, furlough, etc. (MOSL)		89	SHTLST50.PRG & (PICKIT procedure in PROCFILE.PRG)
Race	(MRACE)	90	SHTLST50.PRG
Grade, Sex & Insular Status	(MGSIS)	91	SHTLST50.PRG
1st Diagnosis-type	(M1TY)	92	SHTLST50.PRG
2nd Diagnosis-type	(M2TY)	93	SHTLST50.PRG
Disability Separation:			
Line of Duty	(MDLOD)	94	SHTLST50.PRG
Type	(MDTYP)	95	SHTLST50.PRG
Cause of Death or Disability Separation:			
Field containing cause	(MCFLD)	96	SHTLST50.PRG
Battle classification	(MCCLS)	97	SHTLST50.PRG
SGO File Year	(MYEAR)	98	SHTLST50.PRG
Sample	(MSAMP)	99-100	SHTLST50.PRG

NOTE: PRT50.PRG may contain additional information for any field.

## Record Layout, 1954

**General.** There are two record layouts for 1954 (work and print files). The field names, memory variable names, and data columns are listed in the following. All columns which are not listed are blank.

The program (.prg) and database (.dbf) files containing code translations for the variables in each field are also listed for reference. Some codes interpretations are found within the related program (.prg) file. Other codes are interpreted through both a program file and database file. The program file often contains information and contingencies regarding certain code interpretations and should be referenced before consulting the specific code translations in the database file.

To interpret a code, it is recommended that the user first locate the variable name in the referenced program (.prg) file and read the documentation in the program (as well as the dBase code) to understand how the code was translated. The user may then reference the related database (.dbf) files, when these are indicated. Important notes are added to certain fields to further define decoding logic.

Codes may also be entered to the SGO runtime program for interpretation (see enclosure 4--Process SGO menu option). For accurate decoding, enter the codes from all fields in the record to the input screen. This is necessary because certain interpretations are dependent on the code entered in a related field.

Revised 3/95

1954

Tape ID: SGO 064A

This is a PRINT file and contains a COM header. See the file dump for the COM header layout.

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
Print Control Character	1	---
Service Prefix (MSVPR)	4-5	SHTLST54.PRG
Service Number (MSVCNO)	7-14	as entered
Race (MRACE)	16	SHTLST54.PRG
Grade, Sex, Insular Status (MGSIS)	18	SHTLST54.PRG
Age (MAGE)	20	SHTLST54.PRG
Length of Service (MLEN)	22	SHTLST54.PRG
Branch of Service (MBRSV)	24-25	SHTLST54.PRG
Disability Rating (MDRAT)	27-32	SHTLST54.PRG & (DISRATER procedure in PROCFILE.PRG)
Station of Admission (MSADM)	35-38	LNGLST54.PRG & STAT50.DBF
Month of Admission (MMADM)	40	SHTLST54.PRG
Year of Admission (MYADM)	42	SHTLST54.PRG
Type of First Diagnosis (M1TY)	45	SHTLST54.PRG
First Diagnosis (M1DIA)	47-50	LNGLST54.PRG & DIAGNO50.DBF
First Anatomical Location (M1LOC)	52-55	LNGLST54.PRG & ANATOM50.DBF
First Operation (M1OPE)	57-59	LNGLST54.PRG & OPERAT50.DBF
Type of Second Diagnosis (M2TY)	61	SHTLST54.PRG
Second Diagnosis (M2DIA)	63-66	LNGLST54.PRG & DIAGNO50.DBF
Second Anatomical Location (M2LOC)	68-71	LNGLST54.PRG & ANATOM50.DBF
Second Operation (M2OPE)	73-75	LNGLST54.PRG & OPERAT50.DBF
Duty Status, Conduct and Negligence Factors (MFCTR)	77	SHTLST54.PRG
Activity (MACTV)	79	SHTLST54.PRG
Causative Agent (MCACT)	81-83	LNGLST54.PRG & CASAGT50.DBF
Final Result (MFRES)	85-87	LNGLST54.PRG & FINRSL50.DBF
Place of Final Treatment (MFTRT)	89-90	SHTLST54.PRG
Specialized Treatment (MSPTR)	92-93	SHTLST54.PRG
Evacuee & Prisoner Status (MEPS)	95	SHTLST54.PRG
Disposition (Broad Group) (MDBRD)	97	SHTLST54.PRG
Disposition (Subgroup) (MDSUB)	99	SHTLST54.PRG
Field and Classification of Underlying Cause of Death or Disability Separation:		
Field containing cause (MCFLD)	101	SHTLST54.PRG
Battle or non-battle classification of cause (MCCLS)	103	SHTLST54.PRG
Month of Disposition (MMDIS)	105	SHTLST54.PRG
Year of Disposition (MYDIS)	107	SHTLST54.PRG
Total Non-effective days:		
Tot Days - Completed Case (MCCSE)	111-113	SHTLST54.PRG
Tot Days in Current Year (MCURY)	115-117	SHTLST54.PRG

Revised 3/95

Tot Days Quarters	(MBED)	119-121	SHTLST54.PRG
Leave, Furlough, etc.	(MLVTD)	123-124	SHTLST54.PRG
International Classification (MIC)		128	SHTLST54.PRG
Sample	(MSAMP)	130-131	SHTLST54.PRG

**NOTE: PRT54.PRG may contain additional information for any field.**

1954

Tape ID: SGO 028A (VOL 1878788)

This is a WORK file.

FIELD/(MEMORY VARIABLE NAME)	COLUMNS	PROGRAM AND DATABASE FILES USED TO TRANSLATE CODES
Service Number	(MSVCNO) 1-9	as entered
Initial Classification	(MIC) 10	SHTLST54.PRG
Service Prefix	(MSVPR) 11-12	SHTLST54.PRG
Service Number	(MSVCNO) 13-20	as entered
Blank	21	
Age	(MAGE) 22	SHTLST54.PRG
Length of Service	(MLEN) 23	SHTLST54.PRG
Branch of Service	(MBRSV) 24-25	SHTLST54.PRG
Disability Rating	(MDRAT) 26-31	SHTLST54.PRG & (DISRATER procedure in PROCFILE.PRG)
Station of Admission	(MSADM) 32-35	LNGLST54.PRG & STAT50.DBF
Month of Admission	(MMADM) 36	SHTLST54.PRG
Year of Admission	(MYADM) 37	SHTLST54.PRG
Blank	38	
First Diagnosis	(M1DIA) 39-42	LNGLST54.PRG & DIAGNO50.DBF
First Anatomical Location	(M1LOC) 43-46	LNGLST54.PRG & ANATOM50.DBF
First Operation	(M1OPE) 47-49	LNGLST54.PRG & OPERAT50.DBF
Second Diagnosis	(M2DIA) 50-53	LNGLST54.PRG & DIAGNO50.DBF
Second Anatomical Location	(M2LOC) 54-57	LNGLST54.PRG & ANATOM50.DBF
Second Operation	(M2OPE) 58-60	LNGLST54.PRG & OPERAT50.DBF
Duty Status, Conduct and Negligence Factors	(MFCTR) 61	SHTLST54.PRG
Activity	(MACTV) 62	SHTLST54.PRG
Causative Agent	(MCAGT) 63-65	LNGLST54.PRG & CASAGT50.DBF
Final Result	(MFRES) 66-68	LNGLST54.PRG & FINRSL50.DBF
Place of Final Treatment	(MFTRT) 69-70	SHTLST54.PRG
Specialized Treatment	(MSPTR) 71-72	SHTLST54.PRG
Evacuee & Prisoner Status	(MEPS) 73	SHTLST54.PRG
Disposition (Broad Group)	(MDBRD) 74	SHTLST54.PRG
Disposition (Subgroup)	(MDSUB) 75	SHTLST54.PRG
Blank	76	
Month of Disposition	(MMDIS) 77	SHTLST54.PRG
Year of Disposition	(MYDIS) 78	SHTLST54.PRG
Total Non-effective days:		
Tot Days - Completed Case	(MCCSE) 79-81	SHTLST54.PRG
Tot Days in Current Year	(MCURY) 82-84	SHTLST54.PRG
Tot Days Quarters	(MBED) 85-87	SHTLST54.PRG
Leave, Furlough, etc.	(MLVTD) 88-89	SHTLST54.PRG
Race	(MRACE) 90	SHTLST54.PRG
Grade, Sex, Insular Status	(MGSIS) 91	SHTLST54.PRG
Type of First Diagnosis	(M1TY) 92	SHTLST54.PRG
Type of Second Diagnosis	(M2TY) 93	SHTLST54.PRG
Field and Classification of Underlying Cause of Death or Disability Separation:		
Field containing cause	(MCFLD) 94	SHTLST54.PRG

Battle or non-battle classification of cause (MCCLS)	95	SHTLST54.PRG
Blank	96-97	
SGO File Year	(MYEAR) 98	as entered
Sample	(MSAMP) 99-100	SHTLST54.PRG

NOTE: PRT54.PRG may contain additional information for any field.

\* 42PROBE2.prg

\* This program will accept codes from the SGO  
\* Hospital Admission Card Listing in a format for subsequent  
\* interpretation by ensuing programs.

\* Author: Richard A. Cantrell + Diane Rademacher  
\* December 2, 1988

CLOSE DATABASES  
SET TALK OFF  
SET PRINT OFF  
SET BELL OFF  
CLEAR  
CLEAR TYPEAHEAD

\* Initialize numeric variables in Input Screen  
STORE 0 TO MYEAR, STOP

\* Initialize character variables in Input Screen  
STORE SPACE(1) TO MRANK, MRACE, MAGE, MARM, MLEN, MADMCY, MADMYR, MREAD, MREMC  
STORE SPACE(1) TO MLOD, MDISP, MFLDC, MDISYR, MMISC  
STORE SPACE(2) TO MPOB, MADMMO, MQUAL, CQUAL, MASD1, MASD2, MDISMO, MCAS2  
STORE SPACE(3) TO MDIAG2, MLOC1, MLOC2, MOPR, MFIN, MHOSP, MOTH, MTOT, MHSPQ, MCAS4  
STORE SPACE(3) TO MGENCAUS, MFRHD, MDTOD, MASD3, MUNIT, MTRANS1, MTRANS2, MGENFIN  
STORE SPACE(4) TO MSTAT, MDIAG4, MLOC4, MDIAG2A, MDIAG2B, MDIAG2C, MGENDIAG  
STORE SPACE(8) TO MSVCNO

STORE SPACE(5) TO REQ           && Holds type of requester for SGOSENT  
STORE SPACE(1) TO CONVERT       && Checks for converted variables.

\* Initialize blank memory variables for Battle Casualty Screen input.  
STORE SPACE(1) TO MFLD3, MFLD4, MFLD11, MFLD15, MFLD29  
STORE SPACE(2) TO MFLD2, MFLD9, MFLD28  
STORE SPACE(3) TO MFLD1C, MFLD5

\* Initialize blank display variables (potential) for Battle Casualty Screen.

STORE SPACE(20) TO DFLD1, DFLD4, DFLD5, DFLD9, DFLD11, DFLD15  
STORE SPACE(20) TO DFLD28, DFLD29

\* Initialized display variables and variables used within  
\* processing routines of subprograms

STORE SPACE(3) TO DUNIT  
STORE SPACE(50) TO DRANK  
STORE SPACE(100) TO DARM  
STORE SPACE(50) TO DAGE  
STORE SPACE(50) TO DRACE  
STORE SPACE(26) TO DLEN  
STORE SPACE(50) TO DADMCY  
STORE SPACE(20) TO DADMYR  
STORE SPACE(50) TO DADMMO  
STORE SPACE(50) TO DREAD  
STORE SPACE(13) TO DREMC  
STORE SPACE(100) TO DSTAT

STORE SPACE(57) TO DLOD  
STORE SPACE(120) TO DDISP  
STORE SPACE(18) TO DFLDC  
STORE SPACE(90) TO DDISYR  
STORE SPACE(150) TO DMISC  
STORE SPACE(47) TO DPOB  
STORE SPACE(150) TO DDIAG2,DDIAG4,DDIAG2A,DDIAG2B,DDIAG2C,DGENDIAG  
STORE SPACE(83) TO DLOC1, DLOC2, DLOC4  
STORE SPACE(100) TO DOPR  
STORE SPACE(3) TO DADMMO,DUNIT  
STORE SPACE(60) TO DTRANS1,DTRANS2  
STORE SPACE(150) TO DQUAL  
STORE SPACE(50) TO DASD1,DASD2,DASD3  
STORE SPACE(75) TO DFIN,DGENFIN,DCAS2,DCAS4,DGENCAUS  
STORE SPACE(52) TO DDISMO  
STORE SPACE(30) TO DTOT  
STORE SPACE(50) TO DHSPQ  
STORE SPACE(150) TO DFRHD  
STORE SPACE(50) TO DDTOD

\* PROGRAMS CALLED BY 42PROBE.PRG TO GENERATE AN SGO PRINTOUT:

\* CSCN42M is the screen format for accepting 1942 input codes for MEDICAL  
\* (disease, diagnosis) format cards.  
\* CSCN42T is the screen format for accepting 1942 input codes for TRAUMATISM  
\* format cards.  
\* CSCN42B is the screen format for accepting 1942 input codes for BATTLE  
\* CASUALTY format cards.  
\* SHTLST42 deciphers codes when only a few variables exist for a field.  
\* LNGLST42 deciphers codes when many variables exist for a field. Codes are  
\* set up in databases.  
\* PRT42 produces the printout of deciphered codes for MEDICAL and TRAUMATISM  
\* format records.  
\* PRT42B produces the printout of deciphered codes for BATTLE CASUALTY format  
\* records.  
\* SGOSENT records cases for which related SGO extracts have been generated  
\* in a database of the same name.  
\* THESE ROUTINES ARE CONTAINED IN THE PROCEDURE FILE CALLED PROCFILE.PRG:  
\* PRTSET sends the printer control code for CPI and LPI.  
\* PLINE evaluates lengthy variables for multi-line printing.  
\* BIGLET sends the printer control code for wide characters (service # only.)

CLOSE DATABASES

CLEAR

\* DIAGTRAU is initiated as a variable to hold the code to differentiate  
\* medical, traumatism and battle casualty formatted records.

STORE SPACE(1) TO DIAGTRAU  
LOOP\_ON = .T.

DO WHILE LOOP\_ON  
SET CONFIRM OFF  
@ 9,8 TO 11,70 DOUBLE  
@ 10,10 SAY "ENTER THE 'CODE' FROM COLUMN 1 OF THE MICROFICHE RECORD:"

```
* @ 12,12 SAY '      TYPE B, C, T, OR M AS SHOWN ON THE MICROFICHE'
CLEAR TYPEAHEAD
@ 10,68 GET DIAGTRAU PICT '!'
READ

      IF DIAGTRAU$ 'B,C,T,M'
        LOOP_ON = .N.
      ELSE
        @ 14,17 TO 16,61 DOUBLE
        @ 15,19 SAY '** UNACCEPTABLE ENTRY, ENTER B, C, T or M **'
        @ 17,19 SAY ' '
        WAIT
        STORE SPACE(1) TO DIAGTRAU
      ENDIF
ENDDO

IF DIAGTRAU = 'M'
  DO CSCN42M.PRG
ENDIF

IF DIAGTRAU = 'T'
  DO CSCN42T.PRG
ENDIF

IF DIAGTRAU$'B,C'
  STORE SPACE(3) TO MSTAT
  DO CSCN42B.PRG
ENDIF

IF STOP = 1
  RETURN
ENDIF
  DO SHTLST42.PRG
  DO LNGLST42.PRG
*   DO SGOSENT.PRG
  DO PRTSET
IF DIAGTRAU = 'M'.OR.DIAGTRAU = 'T'
  DO PRT42.PRG
ELSE
  DO PRT42B.PRG
ENDIF

* Edit section to identify typos which are interpreted as 'Not found'.
IF DIAGTRAU = 'M'
  DO 42MEDIT.PRG
ENDIF

IF DIAGTRAU = 'T'
  DO 42TEDIT.PRG
ENDIF

IF DIAGTRAU = 'B' .OR. DIAGTRAU = 'C'
  DO 42BCEDIT
ENDIF

      CLOSE DATABASES
```

## 43PROBE.PRG

## PAPER ONLY

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\* 43PROBE.prg

\* This program will accept codes from the 1943  
\* Hospital Admission Card Listing in a format for subsequent  
\* interpretation by ensuing programs.

\* Author: Diane C. Rademacher  
\* July 20, 1989

CLOSE DATABASES  
SET TALK OFF  
SET PRINT OFF  
SET BELL OFF  
CLEAR  
CLEAR TYPEAHEAD

\* Initialize numeric variables in Input Screen  
STORE 0 TO MYEAR,STOP

\* Initialize character variables in Input Screen  
STORE SPACE(1) TO MSAMPSIZ,MRANK1,MRANK2,MRACE,MAGE1,MARM1,MLNG1,MADMCY  
STORE SPACE(1) TO MADMYRA,MADMYRB,MREAD,MREMC,MLOD,MDISP,MFLDCAUS,MDISYR,MMISC  
STORE SPACE(1) TO MSTATUS  
STORE SPACE(2) TO MAGE2,MARM2,MLNG2,MADMMOA,MADMMOB  
STORE SPACE(2) TO MPOB,MQUAL,MASD1,MASD2,MASD3,MDISMO,MCAS43  
STORE SPACE(3) TO MDIAG43,MUNIT,MCAS44A,MCAS44B,MLOC43A,MLOC43B,MGENCAUS  
STORE SPACE(3) TO MOPR43A,MOPR43B,MOPR44A,MOPR44B,MFINR43,MFINR44,MGENFIN  
STORE SPACE(3) TO MDAYS1,MDAYS2,MDAYS3,MDAYS4,MDAYS5  
STORE SPACE(3) TO MASSDISA,MASSDISB,MASSDISC  
STORE SPACE(3) TO MTRNS1,MTRNS2,MDIAG43,MHOSPADM,COD2SEEK  
STORE SPACE(4) TO MSTAT43,MSTAT44,MDIAG43A,MDIAG43B,MDIAG43C,MDIAG44A  
STORE SPACE(4) TO MDIAG44B,MDIAG44C,MLOC44A,MLOC44B,MPLCTRMT,MGENDIAG  
STORE SPACE(5) TO MPREFIX  
STORE SPACE(8) TO MSVCNO

\* STORE SPACE(5) TO REQ                   && Holds type of requester for SGOSENT  
STORE SPACE(1) TO CONVERT               && Checks for converted variables.  
STORE SPACE(1) TO STORPRE  
STORE SPACE(2) TO STORIT  
STORE SPACE(4) TO MLOOKUP

\* Initialize blank memory variables for Battle Casualty Screen input.

STORE SPACE(15) TO MFLD1,MFLD3,MFLD5,MFLD6,MFLD7,MFLD8,MFLD9,MFLD11  
STORE SPACE(17) TO MFLD4  
STORE SPACE(27) TO MFLD2

\* Initialize display variables and variables used within  
\* processing routines of subprograms

STORE SPACE(60) TO DRANK1,DRANK2,DPLCTRMT,DSAMPSIZ  
STORE SPACE(60) TO DARM1  
STORE SPACE(33) TO DAGE1,DAGE2  
STORE SPACE(64) TO DRACE  
STORE SPACE(31) TO DLNG1,DLNG2  
STORE SPACE(18) TO DADMCY  
STORE SPACE(10) TO DADMYRA,DADMYRB

STORE SPACE(10) TO DADMMOA,DADMMOB  
STORE SPACE(20) TO DREAD  
STORE SPACE(30) TO DREMC  
STORE SPACE(100) TO DSTAT43,DSTAT44  
STORE SPACE(55) TO DTRNS1,DTRNS2,DHOSPADM  
STORE SPACE(57) TO DLOD  
STORE SPACE(180) TO DDISP  
STORE SPACE(21) TO DFLDCAUS  
STORE SPACE(10) TO DDISYR  
STORE SPACE(100) TO DARM2,DMISC  
STORE SPACE(22) TO DPOB  
STORE SPACE(100) TO DDIAG43,DDIAG43A,DDIAG43B,DDIAG43C  
STORE SPACE(150) TO DDIAG44A,DDIAG44B,DDIAG44C,DLOOKUP,DGENDIAG  
STORE SPACE(50) TO DLOC43A,DLOC43B  
STORE SPACE(83) TO DLOC44A,DLOC44B  
STORE SPACE(100) TO DOPR43A,DOPR43B,DOPR44A,DOPR44B  
STORE SPACE(3) TO DUNIT  
STORE SPACE(75) TO DCAS43,DCAS44A,DCAS44B,DGENCAUS  
STORE SPACE(82) TO DQUAL  
STORE SPACE(50) TO DASD1,DASD2,DASD3  
STORE SPACE(100) TO DASSDISA,DASSDISB,DASSDISC  
STORE SPACE(75) TO DFINR43  
STORE SPACE(82) TO DFINR44,DGENFIN  
STORE SPACE(50) TO DDISMO  
STORE SPACE(11) TO DSTATUS

\* PROGRAMS CALLED BY 43PROBE.PRG TO GENERATE AN SGO PRINTOUT:

- \* CSCN43M is the screen format for accepting 1943 input codes for MEDICAL (disease, diagnosis) format cards.
- \* CSCN43T is the screen format for accepting 1943 input codes for TRAUMATISM format cards.
- \* CSNC43A/B/C/D/E/F/G/H/I are the screen formats for accepting 1943 input codes for BATTLE CASUALTY format cards. Code I uses 1944 routines.
- \* SHTLST43 deciphers codes when only a few variables exist for a field.
- \* LNGLST43 deciphers codes when many variables exist for a field. Codes are set up in databases.
- \* PRT43 produces the printout of deciphered codes for MEDICAL and TRAUMATISM format records.
- \* PRT43A/B/C/D/E/F/G/H/I produces the printout of deciphered codes for BATTLE CASUALTY format records. Code I uses the 1944 routines.
- \* SGOSENT records cases for which related SGO extracts have been generated in a database of the same name. This is currently inactive.
- \* THESE ROUTINES ARE CONTAINED IN THE PROCEDURE FILE CALLED PROCFILE.PRG:
- \* PRTSET sends the printer control code for CPI and LPI.
- \* PLINE evaluates lengthy variables for multi-line printing.
- \* BIGLET sends the printer control code for wide characters (service # only.)

CLOSE DATABASES

CLEAR

- \* DIAGTRAU is initiated as a variable to hold the code to differentiate medical, traumatism and battle casualty formatted records.

STORE SPACE(1) TO DIAGTRAU

## 43PROBE.PRG

## PAPER ONLY

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```
LOOP_ON = .T.
```

```
DO WHILE LOOP_ON
  SET CONFIRM OFF
  @ 9,8 TO 11,70 DOUBLE
  @ 10,10 SAY "ENTER THE 'CODE' FROM COLUMN 1 OF THE MICROFICHE RECORD:"
  @ 13,12 SAY 'TYPE A,B,C,D,E,F,G,H,I,T OR M AS SHOWN ON THE MICROFICHE'
  CLEAR TYPEAHEAD
  @ 10,68 GET DIAGTRAU PICT '!'
  READ

  IF DIAGTRAU$ 'A,B,C,D,E,F,G,H,I,T,M'
    LOOP_ON = .N.
  ELSE
    @ 15,12 TO 17,67 DOUBLE
    @ 16,13 SAY ' UNACCEPTABLE ENTRY, ENTER A,B,C,D,E,F,G,H,I,T or M '
    @ 18,19 SAY ' '
    WAIT
    STORE SPACE(1) TO DIAGTRAU
  ENDIF

ENDDO

IF DIAGTRAU = 'M'
  DO CSCN43M.PRG
ENDIF

IF DIAGTRAU = 'T'
  DO CSCN43T.PRG
ENDIF

IF DIAGTRAU = 'A'
  DO CSCN43A.PRG
ENDIF

IF DIAGTRAU = 'B'
  DO CSCN43B.PRG
ENDIF

IF DIAGTRAU = 'C'
  DO CSCN43C.PRG
ENDIF

IF DIAGTRAU = 'D'
  DO CSCN43D.PRG
ENDIF

IF DIAGTRAU = 'E'
  DO CSCN43E.PRG
ENDIF

IF DIAGTRAU = 'F'
  DO CSCN43F.PRG
ENDIF

IF DIAGTRAU = 'G'
  DO CSCN43G.PRG
```

## 43PROBE.PRG

## PAPER ONLY

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ENDIF

```
IF DIAGTRAU = 'H'  
  DO CSCN43H.PRG  
ENDIF
```

```
IF DIAGTRAU = 'I'  
  * Code I records are coded the same as the 1944 records were.  
  * Therefore, the 1944 programs were used to decode code I entries.  
  * The input screen is CSCN44W; the processing programs are SHTLST44,  
  * LNGLST44, LONDON, & WASHINGTON; the output program (printout) is  
  * PRT44W.
```

```
  RELEASE ALL EXCEPT DIAGTRAU  
  DO 44PROBE.PRG  
ENDIF
```

```
IF STOP = 1  
  RETURN  
ENDIF
```

```
IF DIAGTRAU$'A,B,C,D,E,F,G,H,T,M'  
  DO SHTLST43.PRG  
  DO LNGLST43.PRG  
  * DO SGOSENT.PRG  
  DO PRTSET
```

```
DO CASE  
  CASE DIAGTRAU$'M,T'  
    DO PRT43.PRG  
    IF DIAGTRAU = 'M'  
      DO 43MEDIT.PRG  
    ELSE  
      DO 43TEDIT.PRG  
    ENDIF
```

```
  CASE DIAGTRAU = 'A'  
    DO PRT43A.PRG  
    DO 43AEDIT.PRG
```

```
  CASE DIAGTRAU = 'B'  
    DO PRT43B.PRG  
    DO 43BEDIT.PRG
```

```
  CASE DIAGTRAU = 'C'  
    DO PRT43C.PRG  
    DO 43CEDIT.PRG
```

```
  CASE DIAGTRAU = 'D'  
    DO PRT43D.PRG  
    DO 43DEDIT.PRG
```

```
  CASE DIAGTRAU = 'E'  
    DO PRT43E.PRG  
    DO 43EEDIT.PRG
```

```
  CASE DIAGTRAU = 'F'  
    DO PRT43F.PRG  
    DO 43FEDIT.PRG
```

```
  CASE DIAGTRAU = 'G'  
    DO PRT43G.PRG  
    DO 43GEDIT.PRG
```

```
  CASE DIAGTRAU = 'H'
```

```
        DO PRT43H.PRG
        DO 43HEDIT.PRG
    * CASE DIAGTRAU = 'I'   Printout will result from 1944 processing logic
    ENDCASE
ENDIF

CLOSE DATABASES

RETURN
□
```

\* 44PROBE.prg

\* This program will accept codes from the SGO  
\* Hospital Admission Card Listing in a format for subsequent  
\* interpretation by ensuing programs.

\* Contains (0/0) modifications

\* Author: Diane Rademacher  
\* May 27, 1988

CLOSE DATABASES  
SET TALK OFF  
SET PRINT OFF  
SET BELL OFF  
CLEAR  
CLEAR TYPEAHEAD

\* Initialize numeric variables in Input Screen  
STORE 0 TO MYEAR, STOP, CONVERT

\* Initialize character variables in Input Screen  
STORE SPACE(1) TO MRANK, MRACE, MFTRTFAC, MTYPCASE, MTYPADM, MTYPDIAG  
STORE SPACE(1) TO MLOD, MDISP, MFLDCAUS, MINVPRS, MCIRC, MSAMPSIZ, STORIT  
STORE SPACE(2) TO MYRSSVC, MARM, MARM1, MAGE, MAREA, MEVAC, MCONV  
STORE SPACE(3) TO MADMDATE, MDISPDT, MTOTDAY, MHOSPDAY, MCYTOTDA, MOPER1, MOPER2  
STORE SPACE(3) TO MCAUSAGT, MFINRSLT, MUNIT, MLASTMED, MGENCAUS, MGENFIN  
STORE SPACE(4) TO MSTNADM, MDIAG1, MDIAG2, MDIAG3, MLOCAL1, MLOCAL2, MPLFNCUR, MGENDIAG  
STORE SPACE(8) TO MSVCNO

STORE SPACE(5) TO REQ

\* Initialized display variables and variables used within  
\* processing routines of subprograms

STORE SPACE(43) TO DRANK  
STORE SPACE(100) TO DARM  
STORE SPACE(32) TO DAGE  
STORE SPACE(13) TO DRACE  
STORE SPACE(26) TO DYRSSVC  
STORE 0 TO YRS  
STORE SPACE(10) TO AYR, AMO  
STORE SPACE(18) TO MONTHS, YEARS  
STORE SPACE(20) TO DADMDATE  
STORE SPACE(1) TO FINYR  
STORE SPACE(15) TO MONTH  
STORE SPACE(3) TO YEAR  
STORE SPACE(50) TO DAREA  
STORE SPACE(13) TO DEVAC  
STORE SPACE(100) TO DSTNADM  
STORE SPACE(57) TO DFTRTFAC  
STORE SPACE(120) TO DINVPRS  
STORE SPACE(18) TO DTYPCASE  
STORE SPACE(90) TO DTYPADM  
STORE SPACE(150) TO DTYPDIAG  
STORE SPACE(47) TO DL0D  
STORE SPACE(150) TO DDIAG1, DDIAG2, DDIAG3, DGENDIAG

```

STORE SPACE(83) TO DLOCA1, DLOCA2
STORE SPACE(100) TO DOPER1, DOPER2
STORE SPACE(3) TO DCONV
STORE SPACE(75) TO DCAUSAGT, DGENCAUS
STORE SPACE(82) TO DFINRSLT, DGENFIN
STORE SPACE(50) TO DLASTMED
STORE SPACE(52) TO DDISP
STORE SPACE(75) TO DFLDCAUS
STORE SPACE(30) TO DDISPDT
    STORE 0 TO MONUMB
    STORE SPACE(24) TO MO, MONO
    STORE SPACE(1) TO FNLYR
    STORE SPACE(4) TO YR
STORE SPACE(159) TO DCIRC
STORE SPACE(25) TO DUNIT
STORE SPACE(11) TO DSAMPSIZ
STORE SPACE(50) TO DPLFNCUR

```

- \* Run the programs related to 44PROBE to process all input.
  - \* CSCN44W is the format for accepting all 1944 input codes..
  - \* SHTLST44 deciphers codes when only a few variables exist for a field.
  - \* WASHINGT deciphers codes in 2 fields unique to records coded in Washington.
  - \* LONDON deciphers codes in the 1 field unique to those records coded in London.
  - \* LNGLST44 deciphers codes when many variables exist for a field.
  - \* PRT44W gives a printout of deciphered codes.
  - \* PRTSET sends the printer control code for CPI and LPI.
  - \* PLINE evaluates lengthy variables for multi-line printing.
  - \* BIGLET sends the printer control code for wide characters (service # only.)
  - \* SGOSENT records cases for which SGO extracts have been generated
  - \* in a database of the same name.
- \* CASE STRUCTURE to differentiate London and Washington coded records.

```

CLOSE DATABASES
DO CSCN44W.PRG
    IF STOP = 1
        RETURN
    ENDIF

```

- \* The variable PRTSTN is given values below which are used in
- \* the subsequent print program to properly display headings and information
- \* to identify records coded in Washington, London, or coding location
- \* unspecified.

```
STORE SPACE (10) TO PRTSTN
```

```
DO CASE
```

- \* The following case structure determines if the SGO entry is a
- \* London or Washington coded entry. Determinations have been made
- \* based on information found in the code books.

- \* If the Sample Size field has a V overpunch, the card was
- \* coded in London.

```

CASE MSAMPSIZ$'A,B,C,D,E,F,G,H,I,?,{'
    STORE 'LONDON' TO PRTSTN
    DO SHTLST44.PRG

```

DO LONDON.PRG

- \* If the Station of Admission field begins with any of the following
- \* numbers, the card was coded in London.
- \* (0/0) modification = inclusion of K0,KO,L0,LO

CASE

SUBSTR(MSTNADM,1,2)\$'20,25,26,27,30,35,36,60,64,65,66,K0,KO,L0,LO'  
 STORE 'LONDON' TO PRTSTN  
 DO SHTLST44.PRG  
 DO LONDON.PRG

- \* If column 1 of the Station of Admission field contains an R,
- \* the card was coded in London.

CASE SUBSTR(MSTNADM,1,1) = 'R'  
 STORE 'LONDON' TO PRTSTN  
 DO SHTLST44.PRG  
 DO LONDON.PRG

- \* Arm code 28 was only used by London coders

CASE MARM = '28'  
 STORE 'LONDON' TO PRTSTN  
 DO SHTLST44.PRG  
 DO LONDON.PRG

- \* If the first two characters of the Station of Admission field equal
- \* any of the first two characters of the codes used for stateside
- \* Stations of Admission (which are not any of the London Area codes),
- \* the record was coded in Washington.

CASE

SUBSTR(MSTNADM,1,2)\$'11,12,13,14,15,16,23,41,42,43,44,45,46,47,51,52,53,54,71,72  
 ,73,74,75,76,77,78,79,81,82,83,84,85,91,92,93,94,95,96,97,98'  
 STORE 'WASHINGTON' TO PRTSTN  
 DO SHTLST44.PRG  
 DO WASHINGT.PRG

- \* If the first digit of the Station of Admission field equals a hyphen
- \* (two digit foreign location entries) or a 0 (foreign 4-digit entries)
- \* then the record is a Washington coded entry. If the first digit is
- \* alpha upper case A-Q (and ) or lower case s-z, the record is also
- \* Washington coded.

CASE SUBSTR(MSTNADM,1,1)\$'0,-  
 ,),A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,s,t,u,v,w,x,y,z'  
 STORE 'WASHINGTON' TO PRTSTN  
 DO SHTLST44.PRG  
 DO WASHINGT.PRG

- \* If the ARM of SERVICE equals any of the codes which were not
- \* shown on the London list, assume the record was coded in Washington.

CASE MARM\$'15,16,17,18,19,55,56,57,58,63,81,82,83,85'  
 STORE 'WASHINGTON' TO PRTSTN  
 DO SHTLST44.PRG  
 DO WASHINGT.PRG

- \* If DISPOSITION equals any of the codes which were not shown on

```

* the London list, assume the record was coded in Washington.
CASE
MDISP$'2,3,4,8,?,!,{,},A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,j,k,l,m,n,o,p,q,r'
    STORE 'WASHINGTON' TO PRTSTN
    DO SHTLST44.PRG
    DO WASHINGT.PRG

* If an entry to col 26 equals a 2 or a 3, it is assumed that the
* record was coded in London because # 2 and # 3 are not options for
* col 26 on the Washington list. London col 26 = Circumstances;
* Wash col 26 = Invalidated/Died in Prison
CASE MINVPRS$'2,3'
    STORE 'LONDON' TO PRTSTN
    DO SHTLST44.PRG
    DO LONDON.PRG

* If the Sample Size field is numeric, it is assumed from an analysis
* of the records that the coding was probably done in Washington.
CASE MSAMPSIZ$'0,1,2,3,4,5,6,7,8,9'
    STORE 'PROBWASH' TO PRTSTN
    DO SHTLST44.PRG
    DO WASHINGT.PRG

* Any shared codes (first two characters of the Station of Admission
* (which are common to a Washington and a London code)
* or other entries not meeting the above criteria will be handled by
* the following.
OTHE
    STORE 'NOTFOUND' TO PRTSTN
    DO SHTLST44.PRG
ENDCASE

DO LNGLST44.PRG
* DO SGOSENT.PRG
DO PRTSET
DO PRT44W.PRG

IF PRTSTN = 'WASHINGTON' .OR. PRTSTN = 'PROBWASH'
    DO 44WEDIT.PRG
ENDIF

IF PRTSTN = 'LONDON'
    DO 44LEDIT.PRG
ENDIF

IF PRTSTN = 'NOTFOUND'
    DO 44NEDIT.PRG
ENDIF

CLOSE DATABASES

```

□

\* 45PROBE.prg

\* This program will accept codes from the SGO  
\* Hospital Admission Card Listing in a format for subsequent  
\* interpretation by ensuing programs.

\* Authors: DIANE RADEMACHER AND RICHARD A. CANTRELL  
\* Date: 06-25-88

CLOSE DATABASES  
SET TALK OFF  
SET PRINT OFF  
SET BELL OFF  
CLEAR  
CLEAR TYPEAHEAD

\* Init numerics  
STORE 0 TO MYEAR, STOP

\* Init memory variables  
STORE SPACE(1) TO MRANK, MRACE, MLEN, MAAF, MMADM, MYADM, MFNLT, MSPCL, MTCAS, MTADM  
STORE SPACE(1) TO MCIRC, MTDIS, MFLDC, MMDIS, MYDIS, MSAMP, CONVERT  
STORE SPACE(2) TO MAGE, MARM, MSPTR, MGHCH  
STORE SPACE(3) TO M1OPE, M2OPE, MCAGT, MFRES, MTOTD, MOVRD, MHDGC, MLASGC  
STORE SPACE(3) TO MGENCAUS, MGENFIN  
STORE SPACE(4) TO MSADM, M1DIA, M1LOC, M2DIA, M2LOC, M3DIA, MGENDIAG  
STORE SPACE(8) TO MSVCNO

\* Init display variables  
STORE SPACE(30) TO DSAMP  
STORE SPACE(53) TO DRANK  
STORE SPACE(100) TO DARM  
STORE SPACE(30) TO DAGE  
STORE SPACE(39) TO DRACE  
STORE SPACE(30) TO DLEN  
STORE SPACE(115) TO DAAF  
STORE SPACE(100) TO DSADM  
STORE SPACE(30) TO DMADM  
STORE SPACE(30) TO DYADM  
STORE SPACE(59) TO DFNLT  
STORE SPACE(130) TO DSPCL  
STORE SPACE(30) TO DTCAS  
STORE SPACE(150) TO DTADM  
STORE SPACE(150) TO D1DIA, D2DIA, D3DIA, DGENDIAG  
STORE SPACE(90) TO D1LOC, D2LOC  
STORE SPACE(150) TO D1OPE, D2OPE  
STORE SPACE(75) TO DCAGT, DGENCAUS  
STORE SPACE(160) TO DCIRC  
STORE SPACE(130) TO DFRES, DGENFIN  
STORE SPACE(34) TO DTOTD  
STORE SPACE(30) TO DOVRD  
STORE SPACE(130) TO DTDIS  
STORE SPACE(50) TO DFLDC  
STORE SPACE(30) TO DMDIS  
STORE SPACE(30) TO DYDIS  
STORE SPACE(30) TO DHDGC  
STORE SPACE(30) TO DLASGC

STORE SPACE(50) TO DSPTR  
STORE SPACE(80) TO DGHCH  
STORE SPACE(5) TO REQ

```
        CLOSE DATABASES
        DO CSCN45.PRG
          IF STOP = 1
            RETURN
          ENDIF
        DO SHTLST45.PRG
        DO LNGLST45.PRG
*       DO SGOSENT.PRG
        DO PRTSET
        DO PRT45.PRG
        DO 45EDIT.PRG
        CLOSE DATABASES
```

□

**50PROBE.PRG****PAPER ONLY****1**

\* 50PROBE.prg

\* This program will accept codes from the SGO  
\* Hospital Admission Card Listing in a format for subsequent  
\* interpretation by ensuing programs.

\* Authors: DIANE RADEMACHER AND RICHARD A. CANTRELL  
\* Date:

CLOSE DATABASES  
SET TALK OFF  
SET PRINT OFF  
SET BELL OFF  
CLEAR  
CLEAR TYPEAHEAD

\* Init numerics  
STORE 0 TO MYEAR,STOP

\* Init mem vars  
STORE SPACE(1) TO MRACE,MGSIS,MAGE,MLEN,MMADM,MYADM,M1TY,M2TY,MFCTR,MACTV,MEPS  
STORE SPACE(1) TO MDSP,MDL0D,MDTYP,MCFLD,MCCLS,MMDIS,MYDIS,MOS,MOSA  
STORE SPACE(1) TO MOSH,MOSQ,MOSL,MIC

STORE SPACE(2) TO MSVPR,MBRSV,MTYUN,MFTRT,MSPTR,MSAMP

STORE SPACE(3) TO M10PE,M20PE,MCAGT,MFRES,MCCSE,MCURY,MGENCAUS,MGENFIN,MGENOPE

STORE SPACE(4) TO MUNIT,MSADM,MSADMX,M1DIA,M1LOC,M2DIA,M2LOC,MGENDIAG

STORE SPACE(8) TO MSVCNO

\* Init dis vars  
STORE SPACE(30) TO DRACE  
STORE SPACE(100) TO DGSIS  
STORE SPACE(35) TO DAGE  
STORE SPACE(60) TO DLEN  
STORE SPACE(9) TO DMADM  
STORE SPACE(16) TO DYADM  
STORE SPACE(150) TO D1TY  
STORE SPACE(150) TO D2TY  
STORE SPACE(150) TO DFCTR  
STORE SPACE(130) TO DACTV  
STORE SPACE(100) TO DEPS  
STORE SPACE(150) TO DDSP  
STORE SPACE(50) TO DDLOD  
STORE SPACE(50) TO DDTYP  
STORE SPACE(100) TO DCFLD  
STORE SPACE(100) TO DCCLS  
STORE SPACE(10) TO DMDIS  
STORE SPACE(150) TO DYDIS  
STORE SPACE(25) TO DOS  
STORE SPACE(25) TO DOSA  
STORE SPACE(25) TO DOSH  
STORE SPACE(25) TO DOSQ  
STORE SPACE(25) TO DOSL

**50PROBE.PRG****PAPER ONLY****2**

```
STORE SPACE(150) TO DIC
STORE SPACE(75) TO DSVPR
STORE SPACE(150) TO DBRSV
STORE SPACE(100) TO DTYUN
STORE SPACE(150) TO DFTRT
STORE SPACE(100) TO DSPTR
STORE SPACE(150) TO DSAMP
STORE SPACE(100) TO D1OPE,D2OPE,DGENOPE
STORE SPACE(170) TO DCAGT,DGENCAUS
STORE SPACE(150) TO DFRES,DGENFIN
STORE SPACE(150) TO DCCSE
STORE SPACE(3) TO DCURY
STORE SPACE(4) TO DUNIT
STORE SPACE(150) TO DSADM
STORE SPACE(160) TO D1DIA,D2DIA,DGENDIAG
STORE SPACE(100) TO D1LOC,D2LOC
STORE SPACE(5) TO REQ
```

```
STORE 'N' TO SELECT
```

```
CLOSE DATABASES
DO CSCN50.PRG
  IF STOP = 1
    RETURN
  ENDIF
DO SHTLST50.PRG
DO LNGLST50.PRG
* DO SGOSENT.PRG
DO PRTSET
DO PRT50.PRG
DO 5053EDIT.PRG
CLOSE DATABASES
□
```

**54PROBE.PRG****PAPER ONLY**

1

\* 54PROBE.prg

\* This program will accept codes from the SGO  
\* Hospital Admission Card Listing in a format for subsequent  
\* interpretation by ensuing programs.

\* Authors: DIANE RADEMACHER and RICHARD A. CANTRELL  
\* Date:

CLOSE DATABASES  
SET TALK OFF  
SET PRINT OFF  
SET BELL OFF  
CLEAR  
CLEAR TYPEAHEAD

\* Init numerics  
STORE 0 TO MYEAR, STOP

\* Init mem vars  
STORE SPACE(1) TO MRACE, MGSIS, MAGE, MLEN, MMADM, MYADM, M1TY, M2TY, MFCTR, MACTV, MEPS  
STORE SPACE(1) TO MDBRD, MDSUB, MCFLD, MCCLS, MMDIS, MYDIS, MIC

STORE SPACE(2) TO MSVPR, MBRSV, MFTRT, MSPTR, MSAMP, MLVTD

STORE SPACE(3) TO  
MLOPE, M2OPE, MCGAT, MFRES, MCCSE, MCURY, MBED, MGENCAUS, MGENFIN, MGENOPE

STORE SPACE(4) TO MSADM, MSADM1, M1DIA, M1LOC, M2DIA, M2LOC, MGENDIAG

STORE SPACE(6) TO MDRAT

STORE SPACE(8) TO MSVCNO

\* Init dis vars

STORE SPACE(30) TO DRACE  
STORE SPACE(100) TO DGSIS  
STORE SPACE(35) TO DAGE  
STORE SPACE(30) TO DLEN  
STORE SPACE(9) TO DMADM  
STORE SPACE(16) TO DYADM  
STORE SPACE(150) TO D1TY  
STORE SPACE(150) TO D2TY  
STORE SPACE(150) TO DFCTR  
STORE SPACE(130) TO DACTV  
STORE SPACE(100) TO DEPS  
STORE SPACE(170) TO DDSUB  
STORE SPACE(100) TO DCFLD  
STORE SPACE(75) TO DCCLS  
STORE SPACE(9) TO DMDIS  
STORE SPACE(100) TO DYDIS  
STORE SPACE(100) TO DIC  
STORE SPACE(75) TO DSVPR  
STORE SPACE(100) TO DBRSV  
STORE SPACE(150) TO DFTRT  
STORE SPACE(100) TO DSPTR  
STORE SPACE(75) TO DSAMP  
STORE SPACE(20) TO DLVTD

```
STORE SPACE(100) TO D1OPE, D2OPE, DGENOPE
STORE SPACE(170) TO DCAGT, DGENCAUS
STORE SPACE(150) TO DFRES, DGENFIN
STORE SPACE(100) TO DCCSE
STORE SPACE(100) TO DCURY
STORE SPACE(100) TO DBED
STORE SPACE(100) TO DSADM
STORE SPACE(160) TO D1DIA, D2DIA, DGENDIAG
STORE SPACE(100) TO D1LOC, D2LOC
STORE SPACE(20) TO DRAT1
STORE SPACE(20) TO DRAT2
STORE SPACE(20) TO DRAT3
STORE SPACE(20) TO DRAT4
STORE SPACE(5) TO REQ
STORE SPACE(1) TO SUFFIX, SUFFIX2
```

```
STORE 'N' TO SELECT
```

```
CLOSE DATABASES
DO CSCN54.PRG
  IF STOP = 1
    RETURN
  ENDIF
DO SHTLST54.PRG
DO LNGLST54.PRG
* DO SGOSENT.PRG
DO PRTSET
DO PRT54.PRG
DO 54EDIT.PRG
CLOSE DATABASES
□
```



LNGLST42.PRG

*Paper Only*

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## \* BATTLE CASUALTY portion

- \* The Diagnoses codes for the Battle Casualty file are four digits. Sampling
- \* has indicated that the three digits following the first (prefix) digit
- \* are the searchable code using the 3-digit 1942 diagnosis (medical) or
- \* traumatism listing. The following IF structure evaluates the prefix digit
- \* and conducts the search using the diagnosis or traumatism database, as
- \* appropriate. If the code begins with a number which is not an decipherable
- \* prefix, "Not found" is displayed. The two prefixes which are not decipherable
- \* are 5 and 9.

```
IF SUBSTR(MDIAG2A,1,1)$'5,9'
  STORE 'Not found' TO DDIAG2A
ENDIF
```

```
IF SUBSTR(MDIAG2B,1,1)$'5,9'
  STORE 'Not found' TO DDIAG2B
ENDIF
```

```
IF SUBSTR(MDIAG2C,1,1)$'5,9'
  STORE 'Not found' TO DDIAG2C
ENDIF
```

```
IF MDIAG2A$' - , - , - , - , '
  STORE 'No entry made' TO DDIAG2A
ENDIF
```

```
IF MDIAG2B$' - , - , - , - , '
  STORE 'No entry made' TO DDIAG2B
ENDIF
```

```
IF MDIAG2C$' - , - , - , - , '
  STORE 'No entry made' TO DDIAG2C
ENDIF
```

```
STORE SPACE(3) TO DIAGSEEK
```

- \* Search Diagnosis (Medical) database for 4-digit diagnoses beginning w/ 0,1,
- \* 2,3,4,7,8

```
IF SUBSTR(MDIAG2A,1,1)$'0,1,2,3,4,7,8'
  USE DIAGNO42 INDEX DIA42NDX
  DIAGSEEK = SUBSTR(MDIAG2A,2,3)
  SEEK DIAGSEEK
  IF FOUND()
    STORE DIAGNOSIS TO DDIAG2A
  ELSE
    STORE 'Not found' TO DDIAG2A
  ENDIF
ENDIF
```

```
IF SUBSTR(MDIAG2B,1,1)$'0,1,2,3,4,7,8'
  USE DIAGNO42 INDEX DIA42NDX
  DIAGSEEK = SUBSTR(MDIAG2B,2,3)
  SEEK DIAGSEEK
```

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*Paper Only*

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```
IF FOUND()
  STORE DIAGNOSIS TO DDIAG2B
ELSE
  STORE 'Not found' to DDIAG2B
ENDIF
ENDIF
```

```
IF SUBSTR(MDIAG2C,1,1)$'0,1,2,3,4,7,8'
  USE DIAGNO42 INDEX DIA42NDX
  DIAGSEEK = SUBSTR(MDIAG2C,2,3)
  SEEK DIAGSEEK
  IF FOUND()
    STORE DIAGNOSIS TO DDIAG2C
  ELSE
    STORE 'Not found' to DDIAG2C
  ENDIF
ENDIF
```

USE

\* Search Traumatism database for 4 digit diagnoses beginning with '6'.

```
IF SUBSTR(MDIAG2A,1,1)$'6'
  USE TRAUMA42 INDEX TRA42NDX
  DIAGSEEK = SUBSTR(MDIAG2A,2,3)
  SEEK DIAGSEEK
  IF FOUND()
    STORE TRAUMATISM TO DDIAG2A
  ELSE
    STORE 'Not found' TO DDIAG2A
  ENDIF
ENDIF
```

```
IF SUBSTR(MDIAG2B,1,1)$'6'
  USE TRAUMA42 INDEX TRA42NDX
  DIAGSEEK = SUBSTR(MDIAG2B,2,3)
  SEEK DIAGSEEK
  IF FOUND()
    STORE TRAUMATISM TO DDIAG2B
  ELSE
    STORE 'Not found' to DDIAG2B
  ENDIF
ENDIF
```

```
IF SUBSTR(MDIAG2C,1,1)$'6'
  USE TRAUMA42 INDEX TRA42NDX
  DIAGSEEK = SUBSTR(MDIAG2C,2,3)
  SEEK DIAGSEEK
  IF FOUND()
    STORE TRAUMATISM TO DDIAG2C
  ELSE
    STORE 'Not found' to DDIAG2C
  ENDIF
```

```
ENDIF
USE
ENDCASE
```



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*Paper Only*

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```

IF FOUND()
  STORE HOSPITAL TO DTRANS1
ELSE
  STORE 'Not found' TO DTRANS1
ENDIF
ENDIF

```

```

IF MTRANS2$' , - , - , '
  STORE 'No entry made' TO DTRANS2
ELSE
  USE HOSP42 INDEX HSP42NDX
  SEEK MTRANS2
  IF FOUND()
    STORE HOSPITAL TO DTRANS2
  ELSE
    STORE 'Not found' TO DTRANS2
  ENDIF
ENDIF
USE

```

\* ANATOMICAL LOCATION portion.

\* ALL ENTRIES (DISEASE, TRAUMATISM AND BATTLE CASUALTY) ARE PROCESSED FOR A  
\* FIRST LOCATION.

```

USE ANATOM42 INDEX ANA42NDX

```

```

IF MLOC1$' , - , - , '
  STORE 'No entry made' to DLOC1
ELSE
  SEEK MLOC1
  IF FOUND()
    STORE ANATOM_LOC TO DLOC1
  ELSE
    STORE 'Not found' TO DLOC1
  ENDIF
ENDIF

```

\* TRAUMATISM AND BATTLE CASUALTY RECORDS MAY HAVE A SECOND LOCATION CODE.

```

IF DIAGTRAU$'T,B,C'
  IF MLOC2$' , - , - , '
    STORE 'No entry made' to DLOC2
  ELSE
    SEEK MLOC2
    IF FOUND()
      STORE ANATOM_LOC TO DLOC2
    ELSE
      STORE 'Not found' TO DLOC2
    ENDIF
  ENDIF
ENDIF
USE

```

\* OPERATION is determined for B, C, T and M entries.

*Paper Only*

LNGLST42.PRG

```

USE OPERAT42 INDEX OPE42NDX
  IF MOPR$' - , - , - , '
    STORE 'No entry made' TO DOPR
  ELSE
    SEEK MOPR
    IF FOUND()
      STORE OPERATION TO DOPR
    ELSE
      STORE 'Not found' TO DOPR
    ENDIF
  ENDIF
USE

```

- \* THE FOLLOWING LOOKUPS ARE DONE FOR DISEASE AND TRAUMATISM ENTRIES.
- \* THESE LOOKUPS ARE NOT CURRENTLY APPLICABLE TO BATTLE CASUALTY ENTRIES
- \* UNLESS THE UNIDENTIFIED FIELDS CAN BE DECIPHERED FURTHER.

\* This section determines CAUSATIVE AGENT.

\* ONLY TRAUMATISM AND BATTLE CASUALTY RECORDS HAVE CAUSATIVE AGENT CODE.

```

DO CASE
CASE DIAGTRAU = 'T'
  USE CASAGT42 INDEX CAS42NDX
  IF MCAS2$' - , - , '
    STORE 'No entry made' TO DCAS2
  ELSE
    SEEK MCAS2
    IF FOUND()
      STORE CAUSAGT TO DCAS2
    ELSE
      STORE 'Not found' TO DCAS2
    ENDIF
  ENDIF
USE

```

- \* DETERMINE CAUSATIVE AGENT ONLY IF MFLD15 = 0 ON 'B, C' CODED RECORDS.
- \* IF MFLD15 >= 1, SAMPLING DID NOT VERIFY THAT ENTRIES IN THE SO CALLED
- \* 'CAUSATIVE AGENT' FIELD WERE ACTUALLY CAUSATIVE AGENTS. IN THE LATTER
- \* CASE, THE ENTRY IS INTERPRETED TO 'UNSPECIFIED'.

```

CASE DIAGTRAU$'B,C'.AND.MFLD15 = '0'
  USE CASAGT42 INDEX CAS42NDX
  IF MCAS2$' - , - , '
    STORE 'No entry made' TO DCAS2
  ELSE
    SEEK MCAS2
    IF FOUND()
      STORE CAUSAGT TO DCAS2
    ELSE
      STORE 'Not found' TO DCAS2
    ENDIF
  ENDIF
OTHE
  STORE 'Unspecified' TO DCAS2
ENDCASE

```

*Paper Only*

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USE

\* This section determines FINAL RESULT

\* ONLY TRAUMATISM RECORDS HAVE A FINAL RESULT CODE.

IF DIAGTRAU = 'T'

USE FINRSL42 INDEX FIN42NDX

IF MFINS'- , - , - , '

STORE 'No entry made' TO DFIN

ELSE

SEEK MFIN

IF FOUND()

STORE FINLRSLT TO DFIN

ELSE

STORE 'Not found' TO DFIN

ENDIF

ENDIF

ENDIF

USE

\* This section determines ASSOCIATE DISEASES.

\* DECODING OF ASSOCIATED DISEASES (2 DIGIT ENTRIES) FOR TRAUMATISM RECORDS.

IF DIAGTRAU = 'T'

USE ASSDIS42 INDEX ASS42NDX

IF MASD1\$'- , - , - , '

STORE 'No entry made' TO DASD1

ELSE

SEEK MASD1

IF FOUND()

STORE DISEASE TO DASD1

ELSE

STORE 'Not found' TO DASD1

ENDIF

ENDIF

GO TOP

IF MASD2\$'- , - , - , '

STORE 'No entry made' to DASD2

ELSE

SEEK MASD2

IF FOUND()

STORE DISEASE TO DASD2

ELSE

STORE 'Not found' TO DASD2

ENDIF

ENDIF

ENDIF

USE

\* DECODING OF ASSOCIATED DISEASES (3-DIGIT ENTRIES) FOR MEDICAL RECORDS.

*Paper Only*

```

IF DIAGTRAU = 'M'
  USE DIAGNO42 INDEX DIA42NDX
  IF MASD1$' - , - , - , '
    STORE 'No entry made' to DASD1
  ELSE
    SEEK MASD1
    IF FOUND()
      STORE DIAGNOSIS TO DASD1
    ELSE
      STORE 'Not found' to DASD1
    ENDIF
  ENDIF
ENDIF

```

```

IF MASD2$' - , - , - , '
  STORE 'No entry made' to DASD2
ELSE
  SEEK MASD2
  IF FOUND()
    STORE DIAGNOSIS TO DASD2
  ELSE
    STORE 'Not found' to DASD2
  ENDIF
ENDIF

```

```

IF MASD3$' - , - , - , '
  STORE 'No entry made' to DASD3
ELSE
  SEEK MASD3
  IF FOUND()
    STORE DIAGNOSIS TO DASD3
  ELSE
    STORE 'Not found' to DASD3
  ENDIF
ENDIF

```

```

ENDIF
USE

```

\* This section interprets the 1944 DIAGNOSIS code.

```

USE DIAGNOSI INDEX DIAGNDX

```

\* The variable CONVERT is initiated for activation if the first digit  
 \* of the 1944 Diagnosis code is an "&" or "}".

```

STORE SPACE(1) TO CONVERT

```

```

* IF MDIAG4$' - , - , - , - , '
*   STORE 'No entry made' TO DDIAG4
*   ENDIF

```

```

IF SUBSTR(MDIAG4,1,1) = '&'
  MDIAG4 = '0' + SUBSTR(MDIAG4,2,3)
  STORE 'A' TO CONVERT
ENDIF

```

## LNGLST42.PRG

```

IF SUBSTR(MDIAG4,1,1) = '}'
  MDIAG4 = '0' + SUBSTR(MDIAG4,2,3)
  STORE 'B' TO CONVERT
ENDIF

IF SUBSTR(MDIAG4,1,1) = ' ' .AND. SUBSTR(MDIAG4,2,3) <> ' '
  MDIAG4 = '0' + SUBSTR(MDIAG4,2,3)
  STORE 'C' TO CONVERT
ENDIF

```

```

SEEK MDIAG4
IF FOUND()
  STORE DIAGNOSIS TO DDIAG4
ELSE
  STORE 'Not found' TO DDIAG4
ENDIF

```

USE

- \* If no 1944 diagnosis is found in the 1944 diagnosis database, then
- \* check the 1944 Pseudo-codes below:

```

IF DDIAG4 = 'Not found'
DO CASE
CASE MDIAG4 = '1000'
  STORE 'Tuberculosis, pulmonary, acute' TO DDIAG4
CASE MDIAG4 = '1020'
  STORE 'Gonococcus infection' TO DDIAG4
CASE MDIAG4 = '1130'
  STORE 'Leishmaniasis' TO DDIAG4
CASE MDIAG4 = '4549'
  STORE 'Psychosis, senile' TO DDIAG4
CASE MDIAG4 = '4610'
  STORE 'Exhaustion, when on records from combat area' TO DDIAG4
CASE MDIAG4 = '4910'
  STORE 'Mastoiditis' TO DDIAG4
CASE MDIAG4 = '5010'
  STORE 'Pericarditis, acute' TO DDIAG4
CASE MDIAG4 = '5320'
  STORE 'Valvular deformity unclassified' TO DDIAG4
CASE MDIAG4 = '5329'
  STORE 'Valvular deformity' TO DDIAG4
CASE MDIAG4 = '5600'
  STORE 'Embolism, thrombosis or infarction of pulmonary artery' TO DDIAG4
CASE MDIAG4 = '6658'
  STORE 'Bronchopneumonia' TO DDIAG4
CASE MDIAG4 = '7310'
  STORE 'Gastric ulcer' TO DDIAG4
CASE MDIAG4 = '7430'
  STORE 'Duodenal or jejunal ulcer' TO DDIAG4
CASE MDIAG4 = '7520'
  STORE 'Peritonitis, all' TO DDIAG4
CASE MDIAG4 = '8120'
  STORE 'Pyelonephritis' TO DDIAG4
CASE MDIAG4 = '8310'
  STORE 'Prostatitis' TO DDIAG4

```

*Paper Only*

## LNGLST42.PRG

```

CASE MDIAG4 = '9250'
  STORE 'Bursitis' TO DDIAG4
  OTHE
  STORE 'Not found' TO DDIAG4
ENDCASE
ENDIF

```

```

IF MDIAG4 = '9950'
  STORE 'Spinal puncture, diagnostic or observation for disease, no disease found' to DDIAG4
ENDIF

```

- \* Attempting to decode MDIAG4 from the General List of Diagnosis Codes.
- \* The General List includes spans of codes for broad diagnosis categories.

```

IF DDIAG4 = 'Not found'
  STORE MDIAG4 TO MGENDIAG
  DO DISGEN44.PRG
  STORE DGENDIAG TO DDIAG4
ENDIF

```

- \* This IF routine converts the variable MDIAG4 back to its original form
- \* if had been previously converted.

```

IF CONVERT = 'A'
  MDIAG4 = '&' + SUBSTR(MDIAG4,2,3)
ENDIF
IF CONVERT = 'B'
  MDIAG4 = '}' + SUBSTR(MDIAG4,2,3)
ENDIF
IF CONVERT = 'C'
  MDIAG4 = '' + SUBSTR(MDIAG4,2,3)
  IF DDIAG4 <> 'Not found' .AND. SUBSTR(DDIAG4,1,13) <> 'Code possibly'
    STORE 'Code possibly means: ' + DDIAG4 TO DDIAG4
  ENDIF
ENDIF
ENDIF

```

```

STORE SPACE(1) TO CONVERT

```

```

IF MDIAG4$- , - , - , - , '
  STORE 'No entry made' TO DDIAG4
ENDIF

```

- \* This section interprets the 1944 ANATOMICAL LOCATION code.

\* (0/O) modification.

- \* If DIAGTRAU = 'T', then all MLOC4 entries begin with an alpha
- \* character. However, because it is difficult to differentiate between
- \* an O and 0 on the microfiche and blowback (and it is then frequently keyed
- \* incorrectly), a zero (numeric zero) will be converted to o (alpha)
- \* and then to its numeric equivalent which is 6. The numeric 6 will then be
- \* the prefix digit for an entry beginning with 0 or O for DIAGTRAU = T.

```

IF DIAGTRAU = 'T' .AND. SUBSTR(MLOC4,1,1) = '0'
  MLOC4 = '6' + SUBSTR(MLOC4,2,3)
  STORE '0' TO CONVERT

```

*Paper Only*

LNGLST42.PRG

ENDIF

IF SUBSTR(MLOC4,1,1)\$'},J,K,L,M,N,O,P,Q,R'

DO CASE

CASE SUBSTR(MLOC4,1,1) = '}'

MLOC4 = '0' + SUBSTR(MLOC4,2,3)

STORE '}' TO CONVERT

CASE SUBSTR(MLOC4,1,1) = 'J'

MLOC4 = '1' + SUBSTR(MLOC4,2,3)

STORE 'J' TO CONVERT

CASE SUBSTR(MLOC4,1,1) = 'K'

MLOC4 = '2' + SUBSTR(MLOC4,2,3)

STORE 'K' TO CONVERT

CASE SUBSTR(MLOC4,1,1) = 'L'

MLOC4 = '3' + SUBSTR(MLOC4,2,3)

STORE 'L' TO CONVERT

CASE SUBSTR(MLOC4,1,1) = 'M'

MLOC4 = '4' + SUBSTR(MLOC4,2,3)

STORE 'M' TO CONVERT

CASE SUBSTR(MLOC4,1,1) = 'N'

MLOC4 = '5' + SUBSTR(MLOC4,2,3)

STORE 'N' TO CONVERT

CASE SUBSTR(MLOC4,1,1) = 'O'

MLOC4 = '6' + SUBSTR(MLOC4,2,3)

STORE 'O' TO CONVERT

CASE SUBSTR(MLOC4,1,1) = 'P'

MLOC4 = '7' + SUBSTR(MLOC4,2,3)

STORE 'P' TO CONVERT

CASE SUBSTR(MLOC4,1,1) = 'Q'

MLOC4 = '8' + SUBSTR(MLOC4,2,3)

STORE 'Q' TO CONVERT

CASE SUBSTR(MLOC4,1,1) = 'R'

MLOC4 = '9' + SUBSTR(MLOC4,2,3)

STORE 'R' TO CONVERT

ENDCASE

ENDIF

USE ANATOMIC INDEX ANATNDX

SEEK MLOC4

IF FOUND()

STORE ANATOM\_LOC TO DLOC4

ELSE

STORE 'Not found' to DLOC4

ENDIF

USE

\* Attempting to decode MLOC4 from the General List of Location Codes.

\* The General List includes spans of codes for broad location categories.

IF DLOC4 = 'Not found'

USE LOCGEN44 INDEX LOCGEN44.NDX

SEEK SUBSTR(MLOC4,1,2)

IF FOUND()

STORE LOCATION TO DLOC4

ELSE

STORE 'Not found' TO DLOC4

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```
ENDIF
USE
ENDIF

IF MLOC4$' - , - , - , - , '
  STORE 'No entry made' to DLOC4
ENDIF

* Convert lookup code back to original code entry.

IF CONVERT = '0'
  MLOC4 = '0' + SUBSTR(MLOC4,2,3)
ENDIF

IF CONVERT = '}'
  MLOC4 = '}' + SUBSTR(MLOC4,2,3)
ENDIF

IF CONVERT = 'J'
  MLOC4 = 'J' + SUBSTR(MLOC4,2,3)
ENDIF

IF CONVERT = 'K'
  MLOC4 = 'K' + SUBSTR(MLOC4,2,3)
ENDIF

IF CONVERT = 'L'
  MLOC4 = 'L' + SUBSTR(MLOC4,2,3)
ENDIF

IF CONVERT = 'M'
  MLOC4 = 'M' + SUBSTR(MLOC4,2,3)
ENDIF

IF CONVERT = 'N'
  MLOC4 = 'N' + SUBSTR(MLOC4,2,3)
ENDIF

IF CONVERT = 'O'
  MLOC4 = 'O' + SUBSTR(MLOC4,2,3)
ENDIF

IF CONVERT = 'P'
  MLOC4 = 'P' + SUBSTR(MLOC4,2,3)
ENDIF

IF CONVERT = 'Q'
  MLOC4 = 'Q' + SUBSTR(MLOC4,2,3)
ENDIF

IF CONVERT = 'R'
  MLOC4 = 'R' + SUBSTR(MLOC4,2,3)
ENDIF

STORE SPACE(1) TO CONVERT
```

**LNLST42.PRG**

\* This section determines 1944 CAUSATIVE AGENT.

```

USE CAUSAGNT INDEX CAUSNDX
  IF MCAS4$' - , - , - , '
    STORE 'No entry made' TO DCAS4
  ELSE
    SEEK MCAS4
    IF FOUND()
      STORE CAUSAGT TO DCAS4
    ELSE
      STORE 'Not found' TO DCAS4
    ENDIF
  ENDIF
USE

```

- \* Attempting to decode MCAS4 from the General List of Causative Agent codes.
- \* The General List includes spans of codes for broad causative agent categories.

```

IF DCAS4 = 'Not found'
  STORE MCAS4 TO MGENCAUS
  DO CASGEN44.PRG
  STORE DGENCAUS TO DCAS4
ENDIF

```

\* This section determines 1944 FINAL RESULT

- \* Based on the 1942 record layout, it is not possible to draw a definite conclusion about the 1944 Final Result field. If only cols 1-3 are completed, it is uncertain if this definitely indicates the code for Final Result or if it means Total Hosp Days with cols 4-6 just left empty.
- \* This uncertainty largely exists because there is no apparent way to identify or isolate Non-battle Discharge cases on the file.
- \*
- \* To resolve this problem, both the final result and the total days are interpreted and printed on the resulting printout.

```

IF MFRHD$' - , - , - , '
  STORE 'No entry made' TO DFRHD
ELSE
  USE FINRSLT INDEX FINRNDX
  SEEK MFRHD
  IF FOUND()
    STORE FINLRSLT TO DFRHD
  ELSE
    STORE 'Not found' TO DFRHD
  ENDIF
ENDIF

```

- \* Attempting to decode MFRHD from the General List of Final Result Codes
- \* The General List includes spans of codes for broad final result categories.

```

IF DFRHD = 'Not found'
  STORE MFRHD TO MGENFIN
  DO FINGEN44.PRG
  STORE DGENFIN TO DFRHD
ENDIF

```

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*Paper only*

CLOSE DATABASES

RETURN

*Paper Only*

LNGLST43.PRG

\* LNGLST43.PRG

\* Contains (0/0) modifications

\* This file determines: STATION OF ADMISSION  
 \*                   DIAGNOSIS OR TRAUMATISM  
 \*                   LOCATION (FIRST AND SECOND)  
 \*                   OPERATION  
 \*                   CAUSATIVE AGENT  
 \*                   FINAL RESULT  
 \*                   ASSOCIATED DISEASE (FIRST AND SECOND)  
 \*                   1944 DIAGNOSIS  
 \*                   1944 LOCATION  
 \*                   1944 FINAL RESULT  
 \*                   1944 CAUSATIVE AGENT  
 \*                   1944 OPERATION

\* IF structure for the FIRST DIAGNOSIS (traumatism or medical card)

\* It appears that all 4-digit entries have a prefix digit of either 0 or 6.  
 \* Each prefix indicates whether the remaining 3 digits should be processed  
 \* as a medical or traumatism code. (Codes in the medical and traumatism  
 \* databases are three digit.) For the second and third diagnoses,  
 \* however, the prefixes change meaning. See below.

\* Code A -- 4 digits beginning with 0 (traumatism) MDIAG43A  
 \* Code B -- 4 digits beginning with 0 (traumatism) MDIAG43A  
 \* Code C -- 4 digits beginning with 6 (traumatism) MDIAG43A  
 \* Code D -- 3 digits (traumatism) MDIAG43  
 \* Code E -- no DIAG 43 entry  
 \* Code F -- 4 digits beginning with 6 (traumatism) MDIAG43A  
 \* Code G -- 4 digits beginning with 6 (traumatism)/0 (medical) MDIAG43A  
 \* Code H -- no DIAG 43 entry  
 \* Code I -- no DIAG 43 entry (code I uses 1944 programs)  
 \* Code M -- 3 digits (medical card) MDIAG43  
 \* Code T -- 3 digits (traumatism) MDIAG43

\* IF structure for A,B,C,F.

IF DIAGTRAU\$'A,B,C,F'

\* Deciphering the 4-digit TRAUMATISM diagnosis for input code MDIAG43A.

```
IF MDIAG43A$' - , - , - , - , '
  STORE 'No entry made' to DDIAG43A
ELSE
  USE TRAUMA43 INDEX TRA43NDX
  SEEK SUBSTR(MDIAG43A,2,3)
  IF FOUND()
    STORE TRAUMATISM TO DDIAG43A
  ELSE
    STORE 'Not found' TO DDIAG43A
ENDIF
USE
ENDIF
ENDIF
```

\* IF structure for G.

IF DIAGTRAU = 'G'

\* Deciphering the 4-digit TRAUMATISM diagnosis for input code MDIAG43A.

IF MDIAG43A\$' - , - , - , - , ' .

STORE 'No entry made' to DDIAG43A

ELSE

IF SUBSTR(MDIAG43A,1,1) = '0'

USE DIAGNO43 INDEX DIA43NDX

SEEK SUBSTR(MDIAG43A,2,3)

IF FOUND()

STORE DIAGNOSIS TO DDIAG43A

ELSE

STORE 'Not found' TO DDIAG43A

ENDIF

USE

ELSE

IF SUBSTR(MDIAG43A,1,1) = '6'

USE TRAUMA43 INDEX TRA43NDX

SEEK SUBSTR(MDIAG43A,2,3)

IF FOUND()

STORE TRAUMATISM TO DDIAG43A

ELSE

STORE 'Not found' TO DDIAG43A

ENDIF

USE

ELSE

STORE 'Not found' TO DDIAG43A

ENDIF

ENDIF

ENDIF

ENDIF

\* IF structure for code D and T.

\* D -- 3 digits (traumatism) MDIAG43

\* T -- 3 digits (traumatism) MDIAG43

IF DIAGTRAU\$'D,T'

\* Deciphering the 3-digit TRAUMATISM diagnosis for input code MDIAG43

IF MDIAG43\$' - , - , - , ' .

STORE 'No entry made' to DDIAG43

ELSE

IF SUBSTR(MDIAG43,1,1) = ''

MDIAG43 = '0' + SUBSTR(MDIAG43,2,2)

STORE 'C' TO CONVERT

ENDIF

USE TRAUMA43 INDEX TRA43NDX

SEEK MDIAG43

IF FOUND()

STORE TRAUMATISM TO DDIAG43

ELSE

STORE 'Not found' TO DDIAG43

ENDIF

```

IF CONVERT = 'C'
  MDIAG43 = '' + SUBSTR(MDIAG43,2,2)
  IF DDIAG43 <> 'Not found' .AND. SUBSTR(DDIAG43,1,13) <> 'Code possibly'
    STORE 'Code possibly means: ' + DDIAG43 TO DDIAG43
  ENDIF
  STORE SPACE(1) TO CONVERT
ENDIF

USE
ENDIF
ENDIF

* Case structure for code M.
* Code M -- 3 digits (medical card entry) MDIAG43

IF DIAGTRAU = 'M'
  IF MDIAG43$- , - , - , '
    STORE 'No entry made' TO DDIAG43
  ELSE
    IF SUBSTR(MDIAG43,1,1) = '
      MDIAG43 = '0' + SUBSTR(MDIAG43,2,2)
      STORE 'C' TO CONVERT
    ENDIF
  ENDIF

  USE DIAGNO43 INDEX DIA43NDX
  SEEK MDIAG43

  IF FOUND()
    STORE DIAGNOSIS TO DDIAG43
  ELSE
    STORE 'Not found' TO DDIAG43
  ENDIF

  IF CONVERT = 'C'
    MDIAG43 = '' + SUBSTR(MDIAG43,2,2)
    IF DDIAG43 <> 'Not found' .AND. SUBSTR(DDIAG43,1,13) <> 'Code possibly'
      STORE 'Code possibly means: ' + DDIAG43 TO DDIAG43
    ENDIF
    STORE SPACE(1) TO CONVERT
  ENDIF
ENDIF
ENDIF
USE

```

\*\*\*\*\*

- \* This section determines the SECOND and THIRD DIAGNOSES for 1943.
- \* The Diagnosis codes for the second diagnosis are four digits. Sampling
- \* (based in part on the 1942 file and also on the 1943 file)
- \* has indicated that the three digits following the first (prefix) digit
- \* are the searchable code using the 3-digit 1943 diagnosis (medical) or
- \* traumatism listing. The following IF structure evaluates the prefix digit
- \* and conducts the search using the diagnosis or traumatism database, as
- \* appropriate. If the code begins with a number which is not an decipherable
- \* prefix, "Not found" is displayed. The prefix which is not decipherable

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\* is 9.

IF DIAGTRAU\$'C,F,G'

```
IF SUBSTR(MDIAG43B,1,1)$'9'
  STORE 'Not found' TO DDIAG43B
ENDIF
```

```
IF SUBSTR(MDIAG43C,1,1)$'9'
  STORE 'Not found' TO DDIAG43C
ENDIF
```

```
IF MDIAG43B$' , - , - , - , - '
  STORE 'No entry made' TO DDIAG43B
ENDIF
```

```
IF MDIAG43C$' , - , - , - , - '
  STORE 'No entry made' TO DDIAG43C
ENDIF
```

\* Search Diagnosis (Medical) database for 4-digit diagnoses beginning w/ 0,1,  
\* 2,3,4,5,7,8

```
IF SUBSTR(MDIAG43B,1,1)$'0,1,2,3,4,5,7,8'
  USE DIAGNO43 INDEX DIA43NDX
  SEEK SUBSTR(MDIAG43B,2,3)
  IF FOUND()
    STORE DIAGNOSIS TO DDIAG43B
  ELSE
    STORE 'Not found' to DDIAG43B
  ENDIF
ENDIF
USE
```

\* Exception for second diagnoses: codes 2014 or 7040. Research indicated  
\* that it is not possible to determine if the 2 or 7 prefix digits for these  
\* codes indicate medical or traumatism entries. The only codes found on the  
\* file with these prefixes were 2014 and 7040. Thus, both the medical and  
\* traumatism code explanations are provided:

```
IF MDIAG43B = '7040'
  STORE 'Code possibly means either Anemic, splenic or Fracture, delayed union following' TO DDIAG43B
ENDIF
```

```
IF MDIAG43B = '2014'
  STORE 'Code possibly means either Eustachian tube, catarrhal inflammation of or Crushing' TO DDIAG43B
ENDIF
```

\* End of exception.

```
IF SUBSTR(MDIAG43C,1,1)$'0,1,2,3,4,5,7,8'
  USE DIAGNO43 INDEX DIA43NDX
  SEEK SUBSTR(MDIAG43C,2,3)
  IF FOUND()
    STORE DIAGNOSIS TO DDIAG43C
  ELSE
```

```

        STORE 'Not found' to DDIAG43C
    ENDIF
ENDIF
USE

IF SUBSTR(MDIAG43B,1,1)$'6'
    USE TRAUMA43 INDEX TRA43NDX
    SEEK SUBSTR(MDIAG43B,2,3)
    IF FOUND()
        STORE TRAUMATISM TO DDIAG43B
    ELSE
        STORE 'Not found' to DDIAG43B
    ENDIF
ENDIF
USE

IF SUBSTR(MDIAG43C,1,1)$'6'
    USE TRAUMA43 INDEX TRA43NDX
    SEEK SUBSTR(MDIAG43C,2,3)
    IF FOUND()
        STORE TRAUMATISM TO DDIAG43C
    ELSE
        STORE 'Not found' to DDIAG43C
    ENDIF
ENDIF
USE
ENDIF

*****

* STATION OF ADMISSION portion

IF DIAGTRAU$'B,C,D,F,M,T'

    USE STAT43 INDEX STA43NDX
    IF MSTAT43$' - , - , - , - , '
        STORE 'No entry made' TO DSTAT43
    ELSE
        SEEK MSTAT43
        IF FOUND()
            STORE STATION TO DSTAT43
        ELSE
            STORE 'Not found' TO DSTAT43
        ENDIF
    ENDIF
USE

IF DSTAT43 = 'Not found'
    USE TWODGT42 INDEX TWOCODE2
    SEEK SUBSTR(MSTAT43,1,2)
    IF FOUND()
        STORE 'Code possibly means: '+' STATION TO DSTAT43
    ENDIF
ENDIF
ENDIF
ENDIF
USE

```

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\*\*\*\*\*

\* HOSPITAL OF ADMISSION and subsequent TRANSFERS determination.

```

IF DIAGTRAU$'G'
  IF MHOSPADM$' , - , - , '
    STORE 'No entry made' TO DHOSPADM
  ELSE
    USE HOSP42 INDEX HSP42NDX
    SEEK MHOSPADM
    IF FOUND()
      STORE HOSPITAL TO DHOSPADM
    ELSE
      STORE 'Not found' TO DHOSPADM
    ENDIF
  ENDIF
ENDIF

```

\* SEARCHES FOR HOSPITAL NAMES FOR SUBSEQUENT HOSPITALIZATIONS SHOWN ON  
 \* SGO RECORD. SUBSEQUENT HOSPITAL ENTRIES APPARENTLY ARE IN FIELDS NAMED  
 \* MTRNS1 AND MTRNS2

```

IF MTRNS1$' , - , - , '
  STORE 'No entry made' TO DTRNS1
ELSE
  USE HOSP42 INDEX HSP42NDX
  SEEK MTRNS1
  IF FOUND()
    STORE HOSPITAL TO DTRNS1
  ELSE
    STORE 'Not found' TO DTRNS1
  ENDIF
ENDIF
ENDIF

```

```

IF MTRNS2$' , - , - , '
  STORE 'No entry made' TO DTRNS2
ELSE
  USE HOSP42 INDEX HSP42NDX
  SEEK MTRNS2
  IF FOUND()
    STORE HOSPITAL TO DTRNS2
  ELSE
    STORE 'Not found' TO DTRNS2
  ENDIF
ENDIF
ENDIF

```

```

USE
ENDIF

```

\*\*\*\*\*

\* ANATOMICAL LOCATION portion.

\* CODES A,B,C,D,F,G,T,M) ARE PROCESSED FOR A FIRST LOCATION.

```

IF DIAGTRAU$'A,B,C,D,F,G,T,M'

```

```

  IF MLOC43A$' , - , - , '

```

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```

STORE 'No entry made' to DLOC43A
ELSE
USE ANATOM43 INDEX ANA43NDX
SEEK MLOC43A
IF FOUND()
STORE ANATOM_LOC TO DLOC43A
ELSE
STORE 'Not found' TO DLOC43A
ENDIF
ENDIF
USE
ENDIF

```

\* CODES B,C,D,F,G,T HAVE SECOND LOCATIONS.

```

IF DIAGTRAU$'B,C,D,F,G,T'
IF MLOC43B$' , - , - , '
STORE 'No entry made' to DLOC43B
ELSE
USE ANATOM43 INDEX ANA43NDX
SEEK MLOC43B
IF FOUND()
STORE ANATOM_LOC TO DLOC43B
ELSE
STORE 'Not found' TO DLOC43B
ENDIF
ENDIF
USE
ENDIF

```

\*\*\*\*\*

\* This section determines the FIRST OPERATION.

```

IF DIAGTRAU$'A,B,C,D,F,G,M,T'
USE OPERAT43 INDEX OPE43NDX
IF MOPR43A$' , - , - , '
STORE 'No entry made' TO DOPR43A
ELSE
SEEK MOPR43A
IF FOUND()
STORE OPERATION TO DOPR43A
ELSE
STORE 'Not found' TO DOPR43A
ENDIF
ENDIF
USE
ENDIF

```

\* This section determines the SECOND OPERATION.

```

IF DIAGTRAU$'D,F'
USE OPERAT43 INDEX OPE43NDX

```

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```

IF MOPR43B$' - , - , - , '
  STORE 'No entry made' TO DOPR43B
ELSE
  SEEK MOPR43B
  IF FOUND()
    STORE OPERATION TO DOPR43B
  ELSE
    STORE 'Not found' TO DOPR43B
  ENDIF
ENDIF
USE
ENDIF

```

\*\*\*\*\*

\* This section determines CAUSATIVE AGENT 43.

```

IF DIAGTRAUS'A,B,D,T'
USE CASAGT43 INDEX CAS43NDX
IF MCAS43$' - , - , '
  STORE 'No entry made' TO DCAS43
ELSE
  SEEK MCAS43
  IF FOUND()
    STORE CAUSAGT TO DCAS43
  ELSE
    STORE 'Not found' TO DCAS43
  ENDIF
ENDIF
USE
ENDIF

```

\*\*\*\*\*

\* This section determines FINAL RESULT

```

IF DIAGTRAUS'A,B,E,T'
USE FINRSL43 INDEX FIN43NDX
IF MFINR43$' - , - , - , '
  STORE 'No entry made' TO DFINR43
ELSE
  SEEK MFINR43
  IF FOUND()
    STORE FINLRSLT TO DFINR43
  ELSE
    STORE 'Not found' TO DFINR43
  ENDIF
ENDIF
USE
ENDIF

```

\*\*\*\*\*

\* This section determines ASSOCIATE DISEASES.

\* DECODING OF ASSOCIATED DISEASES (2 DIGIT ENTRIES) FOR TRAUMATISM RECORDS.

IF DIAGTRAU\$'B,D,T'

```
USE ASSDIS43 INDEX ASS43NDX
  IF MASD1$' , - , - , '
    STORE 'No entry made' TO DASD1
  ELSE
    SEEK MASD1
    IF FOUND()
      STORE DISEASE TO DASD1
    ELSE
      STORE 'Not found' TO DASD1
    ENDIF
  ENDIF

  IF MASD2$' , - , - , '
    STORE 'No entry made' to DASD2
  ELSE
    SEEK MASD2
    IF FOUND()
      STORE DISEASE TO DASD2
    ELSE
      STORE 'Not found' TO DASD2
    ENDIF
  ENDIF

USE
ENDIF
```

\* DECODING OF ASSOCIATED DISEASES (3-DIGIT ENTRIES) FOR MEDICAL RECORDS.

```
IF DIAGTRAU = 'M'
  USE DIAGNO43 INDEX DIA43NDX
  IF MASSDISA$' , - , - , - , '
    STORE 'No entry made' to DASSDISA
  ELSE
    SEEK MASSDISA
    IF FOUND()
      STORE DIAGNOSIS TO DASSDISA
    ELSE
      STORE 'Not found' to DASSDISA
    ENDIF
  ENDIF

  IF MASSDISB$' , - , - , - , '
    STORE 'No entry made' to DASSDISB
  ELSE
    SEEK MASSDISB
    IF FOUND()
      STORE DIAGNOSIS TO DASSDISB
    ELSE
      STORE 'Not found' to DASSDISB
    ENDIF
  ENDIF
```

```

IF MASSDISC$' , - , - , - , '
  STORE 'No entry made' to DASSDISC
ELSE
  SEEK MASSDISC
  IF FOUND()
    STORE DIAGNOSIS TO DASSDISC
  ELSE
    STORE 'Not found' to DASSDISC
  ENDIF
ENDIF
USE
ENDIF

```

\*\*\*\*\*

\* This section interprets the 1944 DIAGNOSIS code.

```
IF DIAGTRAU$'A,B,C,D,F,M,T'
```

\* This section determines the first DIAGNOSIS for 1944.

```

IF MDIAG44A$' , - , - , - , - , '
  STORE 'No entry made' TO DDIAG44A
ELSE

```

\* Store the code in the variable MDIAG44A to MLOOKUP to find the  
\* diagnosis via the PROCFILE procedure.

```

STORE MDIAG44A TO MLOOKUP
DO DIAG44

```

\* Convert the results of the lookup in PROCFILE to the variables  
\* for MDIAG44A and DDIAG44A.

```

STORE MLOOKUP TO MDIAG44A
STORE DLOOKUP TO DDIAG44A
ENDIF

```

```
ENDIF
```

\* This section determines the second DIAGNOSIS for 1944 for codes D and F.

```
IF DIAGTRAU$'D,F'
```

```

IF MDIAG44B$' , - , - , - , - , '
  STORE 'No entry made' TO DDIAG44B
ELSE

```

\* Store the code in the variable MDIAG44B to MLOOKUP to find the  
\* diagnosis via the PROCFILE procedure.

```

STORE MDIAG44B TO MLOOKUP
DO DIAG44

```

\* Convert the results of the lookup in PROCFILE to the variables  
\* for MDIAG44B and DDIAG44B.

```

STORE MLOOKUP TO MDIAG44B
STORE DLOOKUP TO DDIAG44B
ENDIF

```

\* This section determines the third DIAGNOSIS for 1944 for codes D and F.

```
IF MDIAG44C$' , - , - , - , - , '

```

```

STORE 'No entry made' TO DDIAG44C
ELSE
  * Store the code in the variable MDIAG44C to MLOOKUP to find the
  * diagnosis via the PROCFILE procedure.
  STORE MDIAG44C TO MLOOKUP
  DO DIAG44
  * Convert the results of the lookup in PROCFILE to the variables
  * for MDIAG44C and DDIAG44C.
  STORE MLOOKUP TO MDIAG44C
  STORE DLOOKUP TO DDIAG44C
ENDIF

```

```

ENDIF

```

```

*****

```

```

* This section interprets the first 1944 ANATOMICAL LOCATION code.

```

```

IF DIAGTRAU$'A,D,F,M,'

```

```

* The section which converts the 1944 anatomical location for code T
* entries follows the section for the second anatomical location below.

```

```

USE ANATOMIC INDEX ANATNDX
IF MLOC44A$' - , - , - , - , '
  STORE 'No entry made' to DLOC44A
ELSE
  IF SUBSTR(MLOC44A,1,1) = '&'
    MLOC44A = '0' + SUBSTR(MLOC44A,2,3)
    STORE 'C' TO CONVERT
  ELSE
    IF SUBSTR(MLOC44A,1,1) = '}'
      MLOC44A = '0' + SUBSTR(MLOC44A,2,3)
      STORE 'D' TO CONVERT
    ENDIF
  ENDIF
ENDIF

```

```

SEEK MLOC44A
IF FOUND()
  STORE ANATOM_LOC TO DLOC44A
ELSE
  STORE 'Not found' to DLOC44A
ENDIF

```

```

USE
ENDIF

```

```

* Attempting to decode MLOC44A from the General List of Location Codes.
* The General List includes spans of codes for broad location categories.

```

```

IF DLOC44A = 'Not found'
  USE LOCGEN44 INDEX LOCGEN44.NDX
  SEEK SUBSTR(MLOC44A,1,2)
  IF FOUND()
    STORE LOCATION TO DLOC44A
  ELSE
    STORE 'Not found' TO DLOC44A
  ENDIF
ENDIF

```

```

ENDIF
USE
ENDIF

IF CONVERT$'C,D'
IF CONVERT = 'C'
MLOC44A = '&' + SUBSTR(MLOC44A,2,3)
IF DLOC44A <> 'Not found' .AND. SUBSTR(DLOC44A,1,13) <> 'Code possibly'
STORE 'Code possibly means: ' + DLOC44A TO DLOC44A
ENDIF
ENDIF

IF CONVERT = 'D'
MLOC44A = '}' + SUBSTR(MLOC44A,2,3)
ENDIF
STORE SPACE(1) TO CONVERT
ENDIF

ENDIF

```

\* This section interprets the SECOND 1944 ANATOMICAL LOCATION code.

```

IF DIAGTRAU$'D,F'

USE ANATOMIC INDEX ANATNDX
IF MLOC44B$' - , - , - , - , '
STORE 'No entry made' to DLOC44B
ELSE
IF SUBSTR(MLOC44B,1,1) = '&'
MLOC44B = '0' + SUBSTR(MLOC44B,2,3)
STORE 'C' TO CONVERT
ELSE
IF SUBSTR(MLOC44B,1,1) = '}'
MLOC44B = '0' + SUBSTR(MLOC44B,2,3)
STORE 'D' TO CONVERT
ENDIF
ENDIF

SEEK MLOC44B
IF FOUND()
STORE ANATOM_LOC TO DLOC44B
ELSE
STORE 'Not found' to DLOC44B
ENDIF
ENDIF
USE

```

\* Attempting to decode MLOC44B from the General List of Location Codes.  
\* The General List includes spans of codes for broad location categories.

```

IF DLOC44B = 'Not found'
USE LOCGEN44 INDEX LOCGEN44.NDX
SEEK SUBSTR(MLOC44B,1,2)
IF FOUND()
STORE LOCATION TO DLOC44B

```

```

ELSE
  STORE 'Not found' TO DLOC44B
ENDIF
USE
ENDIF

IF CONVERT$'C,D'
  IF CONVERT = 'C'
    MLOC44B = '&' + SUBSTR(MLOC44B,2,3)
    IF DLOC44B <> 'Not found' .AND. SUBSTR(DLOC44B,1,13) <> 'Code possibly'
      STORE 'Code possibly means: ' + DLOC44B TO DLOC44B
    ENDIF
  ENDIF
  IF CONVERT = 'D'
    MLOC44B = '}' + SUBSTR(MLOC44B,2,3)
  ENDIF
  STORE SPACE(1) TO CONVERT
ENDIF
USE

```

ENDIF

\* This section decodes the 1944 anatomical location for code T entries.

\* (0/O) modifications

\* If DIAGTRAU = 'T', then all MLOC44A entries begin with an alpha  
 \* character. However, because it is difficult to differentiate between  
 \* an O and 0 on the microfiche and blowback (and it is then frequently keyed  
 \* incorrectly), a zero (numeric zero) will be converted to o (alpha)  
 \* and then to its numeric equivalent which is 6. The numeric 6 will then be  
 \* the prefix digit for an entry beginning with 0 or O for DIAGTRAU = T.

IF DIAGTRAU = 'T'

```

IF DIAGTRAU = 'T' .AND. SUBSTR(MLOC44A,1,1) = '0'
  MLOC44A = '6' + SUBSTR(MLOC44A,2,3)
  STORE '0' TO CONVERT
ENDIF

```

IF SUBSTR(MLOC44A,1,1)\$',J,K,L,M,N,O,P,Q,R'

```

DO CASE
  CASE SUBSTR(MLOC44A,1,1) = '}'
    MLOC44A = '0' + SUBSTR(MLOC44A,2,3)
    STORE '}' TO CONVERT
  CASE SUBSTR(MLOC44A,1,1) = 'J'
    MLOC44A = '1' + SUBSTR(MLOC44A,2,3)
    STORE 'J' TO CONVERT
  CASE SUBSTR(MLOC44A,1,1) = 'K'
    MLOC44A = '2' + SUBSTR(MLOC44A,2,3)
    STORE 'K' TO CONVERT
  CASE SUBSTR(MLOC44A,1,1) = 'L'
    MLOC44A = '3' + SUBSTR(MLOC44A,2,3)
    STORE 'L' TO CONVERT
  CASE SUBSTR(MLOC44A,1,1) = 'M'

```

LNLST43.PRG

```

MLOC44A = '4' + SUBSTR(MLOC44A,2,3)
STORE 'M' TO CONVERT
CASE SUBSTR(MLOC44A,1,1) = 'N'
  MLOC44A = '5' + SUBSTR(MLOC44A,2,3)
  STORE 'N' TO CONVERT
CASE SUBSTR(MLOC44A,1,1) = 'O'
  MLOC44A = '6' + SUBSTR(MLOC44A,2,3)
  STORE 'O' TO CONVERT
CASE SUBSTR(MLOC44A,1,1) = 'P'
  MLOC44A = '7' + SUBSTR(MLOC44A,2,3)
  STORE 'P' TO CONVERT
CASE SUBSTR(MLOC44A,1,1) = 'Q'
  MLOC44A = '8' + SUBSTR(MLOC44A,2,3)
  STORE 'Q' TO CONVERT
CASE SUBSTR(MLOC44A,1,1) = 'R'
  MLOC44A = '9' + SUBSTR(MLOC44A,2,3)
  STORE 'R' TO CONVERT
ENDCASE
ENDIF

```

```

USE ANATOMIC INDEX ANATNDX
SEEK MLOC44A
IF FOUND()
  STORE ANATOM_LOC TO DLOC44A
ELSE
  STORE 'Not found' to DLOC44A
ENDIF
USE

```

- \* Attempting to decode MLOC44A from the General List of Location Codes.
- \* The General List includes spans of codes for broad location categories.

```

IF DLOC44A = 'Not found'
  USE LOCGEN44 INDEX LOCGEN44.NDX
  SEEK SUBSTR(MLOC44A,1,2)
  IF FOUND()
    STORE LOCATION TO DLOC44A
  ELSE
    STORE 'Not found' TO DLOC44A
  ENDIF
USE
ENDIF

```

```

IF MLOC44A$' - , - , - , - , '
  STORE 'No entry made' to DLOC44A
ENDIF

```

- \* Convert lookup code back to original code entry.

```

IF CONVERT = '0'
  MLOC44A = '0' + SUBSTR(MLOC44A,2,3)
ENDIF

```

```

IF CONVERT = '}'
  MLOC44A = '}' + SUBSTR(MLOC44A,2,3)
ENDIF

```

```
IF CONVERT = 'J'
  MLOC44A = 'J' + SUBSTR(MLOC44A,2,3)
ENDIF
```

```
IF CONVERT = 'K'
  MLOC44A = 'K' + SUBSTR(MLOC44A,2,3)
ENDIF
```

```
IF CONVERT = 'L'
  MLOC44A = 'L' + SUBSTR(MLOC44A,2,3)
ENDIF
```

```
IF CONVERT = 'M'
  MLOC44A = 'M' + SUBSTR(MLOC44A,2,3)
ENDIF
```

```
IF CONVERT = 'N'
  MLOC44A = 'N' + SUBSTR(MLOC44A,2,3)
ENDIF
```

```
IF CONVERT = 'O'
  MLOC44A = 'O' + SUBSTR(MLOC44A,2,3)
ENDIF
```

```
IF CONVERT = 'P'
  MLOC44A = 'P' + SUBSTR(MLOC44A,2,3)
ENDIF
```

```
IF CONVERT = 'Q'
  MLOC44A = 'Q' + SUBSTR(MLOC44A,2,3)
ENDIF
```

```
IF CONVERT = 'R'
  MLOC44A = 'R' + SUBSTR(MLOC44A,2,3)
ENDIF
```

```
STORE SPACE(1) TO CONVERT
```

```
ENDIF
```

```
*****
```

\* This section determines the 1944 Causative Agent.

```
IF DIAGTRAU$'A,B,C,D,F,G,M,T'
```

```
IF MCAS44A$' , - , - , '
  STORE 'No entry made' TO DCAS44A
ELSE
  USE CAUSAGNT INDEX CAUSNDX
  SEEK MCAS44A
  IF FOUND()
    STORE CAUSAGT TO DCAS44A
  ELSE
    STORE 'Not found' TO DCAS44A
  ENDIF
```

USE  
ENDIF

- \* Attempting to decode MCAS44A from the General List of Causative Agent Codes.
- \* The General List includes spans of codes for broad causative agent categories.

IF DCAS44A = 'Not found'  
STORE MCAS44A TO MGENCAUS  
DO CASGEN44.PRG  
STORE DGENCAUS TO DCAS44A  
ENDIF

ENDIF

- \* This section determines the second 1944 CAUSATIVE AGENT.

IF DIAGTRAU\$'C,F'

IF MCAS44B\$' , - , - , ' ,  
STORE 'No entry made' TO DCAS44B  
ELSE  
USE CAUSAGNT INDEX CAUSNDX  
SEEK MCAS44B  
IF FOUND()  
STORE CAUSAGT TO DCAS44B  
ELSE  
STORE 'Not found' TO DCAS44B  
ENDIF  
USE  
ENDIF

- \* Attempting to decode MCAS44B from the General List of Causative Agent Codes.
- \* The General List includes spans of codes for broad causative agent categories.

IF DCAS44B = 'Not found'  
STORE MCAS44B TO MGENCAUS  
DO CASGEN44.PRG  
STORE DGENCAUS TO DCAS44B  
ENDIF

ENDIF

\*\*\*\*\*

- \* This section determines 1944 FINAL RESULT

IF DIAGTRAU = 'E'

IF MFINR44\$' , - , - , ' ,  
STORE 'No entry made' TO DFINR44  
ELSE  
USE FINRSLT INDEX FINRNDX  
SEEK MFINR44  
IF FOUND()  
STORE FINRSLT TO DFINR44  
ELSE

```

        STORE 'Not found' TO DFINR44
    ENDIF
    USE
ENDIF

```

- \* Attempting to decode MFINR44 from the General List of Final Result Codes.
- \* The General List includes spans of codes for broad final result categories.

```

IF DFINR44 = 'Not found'
    STORE MFINR44 TO MGENFIN
    DO FINGEN44.PRG
    STORE DGENFIN TO DFINR44
ENDIF

```

ENDIF

- \* This section ALSO determines 1944 FINAL RESULT

- \* Based on the 1942/43 record layouts, it is not possible to draw a definite conclusion about the 1944 Final Result field. If only cols 1-3 are completed, it is uncertain if this definitely indicates the code for Final Result or if it means Total Hosp Days with cols 4-6 just left empty.
- \* This uncertainty largely exists because there is no apparent way to identify or isolate Non-battle Discharge cases on the file.
- \*
- \* To resolve this problem, both the final result and the total days are interpreted and printed on the resulting printout.

IF DIAGTRAU\$'T,M'

```

    IF MFINR44$' - , - , - , '
        STORE 'No entry made' TO DFINR44
    ELSE
        USE FINRSLT INDEX FINRNDX
        SEEK MFINR44
        IF FOUND()
            STORE FINLRSLT TO DFINR44
        ELSE
            STORE 'Not found' TO DFINR44
        ENDIF
    ENDIF
    USE
ENDIF

```

- \* Attempting to decode MFINR44 from the General List of Final Result Codes.
- \* The General List includes spans of codes for broad final result categories.

```

IF DFINR44 = 'Not found'
    STORE MFINR44 TO MGENFIN
    DO FINGEN44.PRG
    STORE DGENFIN TO DFINR44
ENDIF

```

ENDIF

\*\*\*\*\*

\* This section determines STATION OF ADMISSION for 1944.

IF DIAGTRAU = 'D'

```
IF MSTAT44$' - , - , - , - , '
  STORE 'No entry made' TO DSTAT44
ELSE
  USE STATION INDEX STANDX
  SEEK MSTAT44
  IF FOUND()
    STORE STATION TO DSTAT44
  ELSE
    STORE 'Not found' to DSTAT44
  ENDIF
ENDIF
```

\* If the 4 digit Station of Admission code yields a Not found, a search can be  
\* conducted on the first two digits for a Broad foreign area or State match.

```
IF DSTAT44 = 'Not found'
  USE TWODGT44 INDEX TWOCODE4
  SEEK SUBSTR(MSTAT44,1,2)
  IF FOUND()
    STORE 'Code possibly means: ' + STATION TO DSTAT44
  ENDIF
ENDIF
```

```
USE
ENDIF
```

\*\*\*\*\*

\* This section determines OPERATION 1 and 2 for 1944.

IF DIAGTRAU\$'D,F'

```
IF MOPR44A$' - , - , - , '
  STORE 'No entry made' TO DOPR44A
ELSE
  USE OPERATIO INDEX OPERNDX
  SEEK MOPR44A
  IF FOUND()
    STORE OPERATION TO DOPR44A
  ELSE
    STORE 'Not found' TO DOPR44A
  ENDIF
USE
ENDIF
```

\* Attempting to decode MOPR44A from the General List of Operation Codes.  
\* The General List includes spans of codes for broad operation categories.

```
IF DOPR44A = 'Not found'
  USE OPEGEN44 INDEX OPEGEN44.NDX
  SEEK MOPR44A
  IF FOUND()
    STORE OPERATION TO DOPR44A
```

\* LNGLST44.PRG

- \* This file determines diagnosis (disease 1,2,&3), operation (1&2), and anatomical location(1&2) from the codes input to the screen. It also determines causative agent.

CLOSE DATABASES

\* Diagnosis portion.

\* Decoding first diagnosis

USE DIAGNOSIS INDEX DIAGNDX

IF MDIAG1 = ' '

STORE 'No entry made' to DDIAG1

ELSE

SEEK MDIAG1

IF FOUND()

STORE DIAGNOSIS TO DDIAG1

ELSE

STORE 'Not Found' TO DDIAG1

ENDIF

ENDIF

- \* Attempting to decode MDIAG1 from the General List of Diagnosis Codes.
- \* The General List includes spans of codes for broad diagnosis categories.

IF DDIAG1 = 'Not Found'

STORE MDIAG1 TO MGENDIAG

DO DISGEN44.PRG

STORE DGENDIAG TO DDIAG1

ENDIF

\* Decoding second diagnosis

USE DIAGNOSIS INDEX DIAGNDX

IF MDIAG2 = ' '

STORE 'No entry made' to DDIAG2

ELSE

SEEK MDIAG2

IF FOUND()

STORE DIAGNOSIS TO DDIAG2

ELSE

STORE 'Not Found' TO DDIAG2

ENDIF

ENDIF

- \* Attempting to decode MDIAG2 from the General List of Diagnosis Codes.
- \* The General List includes spans of codes for broad diagnosis categories.

IF DDIAG2 = 'Not Found'

STORE MDIAG2 TO MGENDIAG

DO DISGEN44.PRG

STORE DGENDIAG TO DDIAG2

ENDIF

\* Decoding third diagnosis

```
USE DIAGNOSIS INDEX DIAGNDX
IF MDIAG3 = ' '
  STORE 'No entry made' to DDIAG3
ELSE
  SEEK MDIAG3
  IF FOUND()
    STORE DIAGNOSIS TO DDIAG3
  ELSE
    STORE 'Not Found' to DDIAG3
  ENDIF
ENDIF
USE
```

- \* Attempting to decode MDIAG3 from the General List of Diagnosis Codes.
- \* The General List includes spans of codes for broad diagnosis categories.

```
IF DDIAG3 = 'Not Found'
  STORE MDIAG3 TO MGENDIAG
  DO DISGEN44.PRG
  STORE DGENDIAG TO DDIAG3
ENDIF
```

- \* Operation portion
- \* Decoding first operation

```
USE OPERATION INDEX OPERNDX
IF MOPER1 = ' '
  STORE 'No entry made' to DOPER1
ELSE
  SEEK MOPER1
  IF FOUND()
    STORE OPERATION TO DOPER1
  ELSE
    STORE 'Not Found' TO DOPER1
  ENDIF
ENDIF
USE
```

- \* Attempting to decode DOPER1 from the General List of Operation Codes
- \* The General List includes spans of codes for broad operation categories.

```
IF DOPER1 = 'Not Found'
  USE OPEGEN44 INDEX OPEGEN44.NDX
  SEEK MOPER1
  IF FOUND()
    STORE OPERATION TO DOPER1
  ELSE
    STORE 'Not Found' TO DOPER1
  ENDIF
USE
ENDIF
```

- \* Decoding second operation.

```
USE OPERATION INDEX OPERNDX
```

```
IF MOPER2 = ' '  
  STORE 'No entry made' to DOPER2  
ELSE  
  SEEK MOPER2  
  IF FOUND()  
    STORE OPERATION TO DOPER2  
  ELSE  
    STORE 'Not Found' TO DOPER2  
  ENDIF  
ENDIF  
USE
```

- \* Attempting to decode DOPER2 from the General List of Operation Codes
- \* The General List includes spans of codes for broad operation categories.

```
IF DOPER2 = 'Not Found'  
  USE OPEGEN44 INDEX OPEGEN44.NDX  
  SEEK MOPER2  
  IF FOUND()  
    STORE OPERATION TO DOPER2  
  ELSE  
    STORE 'Not Found' TO DOPER2  
  ENDIF  
USE  
ENDIF
```

- \* Location portion.
- \* Decoding first location.

```
USE ANATOMIC INDEX ANATNDX  
IF MLOCA1 = ' '  
  STORE 'No entry made' to DLOCA1  
ELSE  
  SEEK MLOCA1  
  IF FOUND()  
    STORE ANATOM_LOC TO DLOCA1  
  ELSE  
    STORE 'Not Found' to DLOCA1  
  ENDIF  
ENDIF  
USE
```

- \* Attempting to decode LOCA1 from the General List of Location Codes.
- \* The General List includes spans of codes for broad location categories.

```
IF DLOCA1 = 'Not Found'  
  USE LOCGEN44 INDEX LOCGEN44.NDX  
  SEEK SUBSTR(MLOCA1,1,2)  
  IF FOUND()  
    STORE LOCATION TO DLOCA1  
  ELSE  
    STORE 'Not Found' TO DLOCA1  
  ENDIF  
USE  
ENDIF
```

\* Decoding second location.

```
USE ANATOMIC INDEX ANATNDX
IF MLOCA2 = ' '
  STORE 'No entry made' to DLOCA2
ELSE
  SEEK MLOCA2
  IF FOUND()
    STORE ANATOM_LOC TO DLOCA2
  ELSE
    STORE 'Not Found' to DLOCA2
  ENDIF
ENDIF
USE
```

\* Attempting to decode LOCA2 from the General List of Location Codes.  
\* The General List includes spans of codes for broad location categories.

```
IF DLOCA2 = 'Not Found'
  USE LOGGEN44 INDEX LOGGEN44.NDX
  SEEK SUBSTR(MLOCA2,1,2)
  IF FOUND()
    STORE LOCATION TO DLOCA2
  ELSE
    STORE 'Not Found' TO DLOCA2
  ENDIF
USE
ENDIF
```

\* CAUSATIVE AGENT portion

```
USE CAUSAGNT INDEX CAUSNDX
IF MCAUSAGT = ' '
  STORE 'No entry made' to DCAUSAGT
ELSE
  SEEK MCAUSAGT
  IF FOUND()
    STORE CAUSAGT TO DCAUSAGT
  ELSE
    STORE 'Not Found' TO DCAUSAGT
  ENDIF
ENDIF
USE
```

\* Attempting to decode MCAUSAGT from the General List of Causative Agent Codes.  
\* The General List includes spans of codes for broad causative agent categories.

```
IF DCAUSAGT = 'Not Found'
  STORE MCAUSAGT TO MGENCAUS
  DO CASGEN44.PRG
  STORE DGENCAUS TO DCAUSAGT
ENDIF
```

```
CLOSE DATABASES
RETURN
```

\* LNGLST45.PRG

- \* This program assigns values to the remainder of the display variables.
- \* These values are taken out of the appropriate database.

CLOSE DATABASES

- \* Decoding first diagnosis
- \* M1DIA---> D1DIA

```
USE DIAGNO45 INDEX DIA45NDX
IF M1DIA = ' ' .OR.M1DIA = 'X'.OR.M1DIA = 'x'
  STORE 'No Entry Made' TO D1DIA
ELSE
  SEEK M1DIA
  IF FOUND()
    STORE DIAGNOSIS TO D1DIA
  ELSE
    STORE 'Not Found' TO D1DIA
  ENDIF
ENDIF
```

- \* Attempting to decode M1DIA from the General List of Diagnosis Codes.
- \* The General List includes spans of codes for broad diagnosis categories.

```
IF D1DIA = 'Not Found'
  STORE M1DIA TO MGENDIAG
  DO DISGEN44.PRG
  STORE DGENDIAG TO D1DIA
ENDIF
```

- \* Decoding second diagnosis
- \* M2DIA---> D2DIA

```
GO TOP
IF M2DIA = ' ' .OR.M2DIA = 'X'.OR.M2DIA = 'x'
  STORE 'No Entry Made' TO D2DIA
ELSE
  SEEK M2DIA
  IF FOUND()
    STORE DIAGNOSIS TO D2DIA
  ELSE
    STORE 'Not Found' TO D2DIA
  ENDIF
ENDIF
```

- \* Attempting to decode M2DIA from the General List of Diagnosis Codes.
- \* The General List includes spans of codes for broad diagnosis categories.

```
IF D2DIA = 'Not Found'
  STORE M2DIA TO MGENDIAG
  DO DISGEN44.PRG
  STORE DGENDIAG TO D2DIA
ENDIF
```

- \* Decoding third diagnosis

\* M3DIA---> D3DIA

GO TOP

IF M3DIA = ' ' .OR.M3DIA = 'X'.OR.M3DIA = 'x'

STORE 'No Entry Made' TO D3DIA

ELSE

SEEK M3DIA

IF FOUND()

STORE DIAGNOSIS TO D3DIA

ELSE

STORE 'Not Found' TO D3DIA

ENDIF

ENDIF

USE

\* Attempting to decode M3DIA from the General List of Diagnosis Codes.

\* The General List includes spans of codes for broad diagnosis categories.

IF D3DIA = 'Not Found'

STORE M3DIA TO MGENDIAG

DO DISGEN44.PRG

STORE DGENDIAG TO D3DIA

ENDIF

\* Decoding first location.

\* M1LOC---> D1LOC

USE ANATOM45 INDEX ANA45NDX

IF M1LOC = ' ' .OR.M1LOC = 'X'.OR.M1LOC = 'x'

STORE 'No Entry Made' TO D1LOC

ELSE

SEEK M1LOC

IF FOUND()

STORE ANATOM\_LOC TO D1LOC

ELSE

STORE 'Not Found' TO D1LOC

ENDIF

ENDIF

USE

\* Attempting to decode M1LOC from the General List of Location Codes.

\* The General List includes spans of codes for broad location categories.

IF D1LOC = 'Not Found'

USE LOCGEN44 INDEX LOCGEN44NDX

SEEK SUBSTR(M1LOC,1,2)

IF FOUND()

STORE LOCATION TO D1LOC

ELSE

STORE 'Not Found' TO D1LOC

ENDIF

USE

ENDIF

\* Decoding second location.

\* M2LOC -> D2LOC

```
USE ANATOM45 INDEX ANA45NDX
IF M2LOC = ' ' .OR.M2LOC = 'X'.OR.M2LOC = 'x'
  STORE 'No Entry Made' TO D2LOC
ELSE
  SEEK M2LOC
  IF FOUND()
    STORE ANATOM_LOC TO D2LOC
  ELSE
    STORE 'Not Found' TO D2LOC
  ENDIF
ENDIF
USE
```

- \* Attempting to decode M2LOC from the General List of Location Codes.
- \* The General List includes spans of codes for broad location categories.

```
IF D2LOC = 'Not Found'
  USE LOCGEN44 INDEX LOCGEN44NDX
  SEEK SUBSTR(M2LOC,1,2)
  IF FOUND()
    STORE LOCATION TO D2LOC
  ELSE
    STORE 'Not Found' TO D2LOC
  ENDIF
USE
ENDIF
```

- \* Decoding first operation.
- \* M1OPE---> D1OPE

```
USE OPERAT45 INDEX OPE45NDX
IF M1OPE = ' ' .OR.M1OPE = 'X'.OR.M1OPE = 'x'
  STORE 'No Entry Made' TO D1OPE
ELSE
  SEEK M1OPE
  IF FOUND()
    STORE OPERATION TO D1OPE
  ELSE
    STORE 'Not Found' TO D1OPE
  ENDIF
ENDIF
USE
```

- \* Attempting to decode M1OPE from the General List of Operation Codes.
- \* The General List includes spans of codes for broad location categories.

```
IF D1OPE = 'Not Found'
  USE OPEGEN44 INDEX OPEGEN44.NDX
  SEEK M1OPE
  IF FOUND()
    STORE OPERATION TO D1OPE
  ELSE
    STORE 'Not Found' TO D1OPE
  ENDIF
USE
```

ENDIF

- \* Decoding second operation.
- \* M2OPE---> D2OPE

```
USE OPERAT45 INDEX OPE45NDX
IF M2OPE = ' ' .OR. M2OPE = 'X' .OR. M2OPE = 'x'
  STORE 'No Entry Made' TO D2OPE
ELSE
  SEEK M2OPE
  IF FOUND()
    STORE OPERATION TO D2OPE
  ELSE
    STORE 'Not Found' TO D2OPE
  ENDIF
ENDIF
USE
```

- \* Attempting to decode M2OPE from the General List of Operation Codes.
- \* The General List includes spans of codes for broad location categories.

```
IF D2OPE = 'Not Found'
  USE OPEGEN44 INDEX OPEGEN44.NDX
  SEEK M2OPE
  IF FOUND()
    STORE OPERATION TO D2OPE
  ELSE
    STORE 'Not Found' TO D2OPE
  ENDIF
USE
ENDIF
```

\* MSADM---> DSADM

- \* ( The ASC() function used in this section checks the ASCII value )
- \* ( of the first character of the variable. The ASCII values )
- \* ( of A -> I equal 65 -> 73. )

```
IF MSADM = '-'
  DO CASE
    CASE MSADM = '-1'
      STORE 'North America, North Atlantic, North Pacific' TO DSADM
    CASE MSADM = '-2'
      STORE 'Latin America Area' TO DSADM
    CASE MSADM = '-3'
      STORE 'North Africa, Italy, Sicily, Corsica, Sardinia, Balkan States' TO DSADM
    CASE MSADM = '-5'
      STORE 'Middle East' TO DSADM
    CASE MSADM = '-6'
      STORE 'Asiatic Area' TO DSADM
    CASE MSADM = '-7'
      STORE 'Central, South Pacific' TO DSADM
    CASE MSADM = '-8'
      STORE 'Southwest Pacific' TO DSADM
    CASE MSADM = '-9'
```

```
STORE 'European theatre, Norway, France, Belgium, Holland, Denmark, Germany, Russia' TO DSADM
OTHE
STORE 'Not Found' TO DSADM
ENDCASE
ELSE
```

```
* THIS SECTION CONVERTS OVERPUNCHES TO THE NUMERIC EQUIVALENT BASED ON AN
* ASCII COMPARISON FOR ALPHA CODES A THRU I.
```

```
IF ASC(MSADM) >= 65.AND.ASC(MSADM) <= 73
STORE SPACE(3) TO STORIT
STORE SPACE(1) TO CONVERT
DO CASE
CASE ASC(MSADM) = 65
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '1' + STORIT TO MSADM
STORE 'A' TO CONVERT
CASE ASC(MSADM) = 66
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '2' + STORIT TO MSADM
STORE 'B' TO CONVERT
CASE ASC(MSADM) = 67
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '3' + STORIT TO MSADM
STORE 'C' TO CONVERT
CASE ASC(MSADM) = 68
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '4' + STORIT TO MSADM
STORE 'D' TO CONVERT
CASE ASC(MSADM) = 69
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '5' + STORIT TO MSADM
STORE 'E' TO CONVERT
CASE ASC(MSADM) = 70
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '6' + STORIT TO MSADM
STORE 'F' TO CONVERT
CASE ASC(MSADM) = 71
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '7' + STORIT TO MSADM
STORE 'G' TO CONVERT
CASE ASC(MSADM) = 72
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '8' + STORIT TO MSADM
STORE 'H' TO CONVERT
CASE ASC(MSADM) = 73
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '9' + STORIT TO MSADM
STORE 'I' TO CONVERT
ENDCASE
ENDIF
IF MSADM = ' '
STORE 'No Entry Made' TO DSADM
ELSE
USE STATION INDEX STANDX
SEEK MSADM
```

```
IF FOUND()
  STORE STATION TO DSADM
ELSE
  STORE 'Not Found' TO DSADM
ENDIF
ENDIF
ENDIF
USE

IF DSADM = 'Not Found'
  USE TWODGT44 INDEX TWOCODE4
  SEEK SUBSTR(MSADM,1,2)
  IF FOUND()
    STORE 'Code possibly means: ' + STATION TO DSADM
  ENDIF
ENDIF
USE
```

\* Converting converted station codes back to their original form.

```
DO CASE
  CASE CONVERT = 'A'
    STORE 'A' + STORIT TO MSADM
  CASE CONVERT = 'B'
    STORE 'B' + STORIT TO MSADM
  CASE CONVERT = 'C'
    STORE 'C' + STORIT TO MSADM
  CASE CONVERT = 'D'
    STORE 'D' + STORIT TO MSADM
  CASE CONVERT = 'E'
    STORE 'E' + STORIT TO MSADM
  CASE CONVERT = 'F'
    STORE 'F' + STORIT TO MSADM
  CASE CONVERT = 'G'
    STORE 'G' + STORIT TO MSADM
  CASE CONVERT = 'H'
    STORE 'H' + STORIT TO MSADM
  CASE CONVERT = 'I'
    STORE 'I' + STORIT TO MSADM
ENDCASE
```

```
STORE SPACE(1) TO CONVERT
```

\* MCAGT---> DCAGT

```
USE CAUSAGNT INDEX CAUSNDX
IF MCAGT = ' '
  STORE 'No Entry Made' TO DCAGT
ELSE
  SEEK MCAGT
  IF FOUND()
    STORE CAUSAGT TO DCAGT
  ELSE
    STORE 'Not Found' TO DCAGT
  ENDIF
ENDIF
```

USE

- \* Attempting to decode MCAGT from the General List of Location Codes.
- \* The General List includes spans of codes for broad location categories.

```
IF DCAGT = 'Not Found'  
  STORE MCAGT TO MGENCAUS  
  DO CASGEN44.PRG  
  STORE DGENCAUS TO DCAGT  
ENDIF
```

\* MFRES---> DFRES

```
USE FINRSL45 INDEX FIN45NDX  
IF MFRES = ' '  
  STORE 'No Entry Made' TO DFRES  
ELSE  
  IF MFRES = '---'  
    STORE 'Not discharge (or retirement) for medical reasons.' TO DFRES  
  ELSE  
    SEEK MFRES  
    IF FOUND()  
      STORE FINLRSLT TO DFRES  
    ELSE  
      STORE 'Not Found' TO DFRES  
    ENDIF  
  ENDIF  
ENDIF  
USE
```

- \* Attempting to decode MFRES from the General List of Final Result codes.
- \* The General List includes spans of codes of broad final result categories.

```
IF DFRES = 'Not Found'  
  STORE MFRES TO MGENFIN  
  DO FINGEN44.PRG  
  STORE DGENFIN TO DFRES  
ENDIF
```

\* MGHCH---> DGHCH

```
USE GCHOSP45 INDEX GCH45NDX  
DO CASE  
CASE MGHCH = ''  
  STORE 'No Entry Made' TO DGHCH  
CASE MGHCH = '-'  
  STORE 'Not Found' TO DGHCH  
OTHE  
  SEEK MGHCH  
  IF FOUND()  
    STORE GCHOSP TO DGHCH  
  ELSE  
    STORE 'Not Found' TO DGHCH  
  ENDIF  
ENDCASE  
USE
```

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CLOSE DATABASES  
RETURN

## \*LNGLST50.PRG

\* This file determines diagnosis (disease 1 & 2), operation (1 & 2), and anatomical location (1 & 2) from the codes input to the screen. It also determines station location, causative agent, final result.

\* Contains 0/O modifications

## CLOSE DATABASES

\* Diagnosis portion.  
\* Decoding first diagnosis

```
USE DIAGNO50 INDEX DIA50NDX
IF M1DIA = '.'.OR.M1DIA = ' '
  STORE 'No entry made' to D1DIA
ELSE
  SEEK M1DIA
  IF FOUND()
    STORE DIAGNOSIS TO D1DIA
  ELSE
    STORE 'Not found' TO D1DIA
  ENDIF
ENDIF
```

\* Attempting to decode M1DIA from the General List of Diagnosis Codes.  
\* The General List includes spans of codes for broad diagnosis categories.

```
IF D1DIA = 'Not found'
  STORE M1DIA TO MGENDIAG
  DO DISGEN50.PRG
  STORE DGENDIAG TO D1DIA
ENDIF
```

\* Decoding second diagnosis

```
GO TOP
IF M2DIA = '.'.OR.M2DIA = ' '
  STORE 'No entry made' to D2DIA
ELSE
  SEEK M2DIA
  IF FOUND()
    STORE DIAGNOSIS TO D2DIA
  ELSE
    STORE 'Not found' TO D2DIA
  ENDIF
ENDIF
USE
```

\* Attempting to decode M2DIA from the General List of Diagnosis Codes.  
\* The General List includes spans of codes for broad diagnosis categories.

```
IF D2DIA = 'Not found'
  STORE M2DIA TO MGENDIAG
  DO DISGEN50.PRG
  STORE DGENDIAG TO D2DIA
```

ENDIF

\* Operation portion

```
USE OPERAT50 INDEX OPE50NDX
IF M1OPE = '-' .OR. M1OPE = ' '
  STORE 'No entry made' to D1OPE
ELSE
  SEEK M1OPE
  IF FOUND()
    STORE OPERATION TO D1OPE
  ELSE
    STORE 'Not found' TO D1OPE
  ENDIF
ENDIF
```

\* Attempting to decode M1OPE from the General List of Operation Codes.  
\* The General List includes spans of codes for broad operation categories.

```
IF D1OPE = 'Not found'
  STORE M1OPE TO MGENOPE
  DO OPEGEN50.PRG
  STORE DGENOPE TO D1OPE
ENDIF
```

\* Decoding second operation.

```
USE OPERAT50 INDEX OPE50NDX
IF M2OPE = '-' .OR. M2OPE = ' '
  STORE 'No entry made' to D2OPE
ELSE
  SEEK M2OPE
  IF FOUND()
    STORE OPERATION TO D2OPE
  ELSE
    STORE 'Not found' TO D2OPE
  ENDIF
ENDIF
USE
```

\* Attempting to decode M2OPE from the General List of Operation Codes.  
\* The General List includes spans of codes for broad operation categories.

```
IF D2OPE = 'Not found'
  STORE M2OPE TO MGENOPE
  DO OPEGEN50.PRG
  STORE DGENOPE TO D2OPE
ENDIF
```

\* Location portion.

\* Decoding first location.

```
USE ANATOM50 INDEX ANA50NDX
IF M1LOC = '-' .OR. M1LOC = ' '
  STORE 'No entry made' to D1LOC
ELSE
  SEEK M1LOC
```

```
IF FOUND()
  STORE ANATOM_LOC TO D1LOC
ELSE
  STORE 'Not found' to D1LOC
ENDIF
ENDIF
USE
```

- \* Attempting to decode M1LOC from the General List of Location Codes.
- \* The General List includes spans of codes for broad location categories.

```
IF D1LOC = 'Not found'
  USE LOCGEN44 INDEX LOCGEN44.NDX
  SEEK SUBSTR(M1LOC,1,2)
  IF FOUND()
    STORE LOCATION TO D1LOC
  ELSE
    STORE 'Not found' to D1LOC
  ENDIF
USE
ENDIF
```

- \* Decoding second location.

```
USE ANATOM50 INDEX ANA50NDX
IF M2LOC = '.' .OR. M2LOC = ' '
  STORE 'No entry made' to D2LOC
ELSE
  SEEK M2LOC
  IF FOUND()
    STORE ANATOM_LOC TO D2LOC
  ELSE
    STORE 'Not found' to D2LOC
  ENDIF
ENDIF
USE
```

- \* Attempting to decode M2LOC from the General List of Location Codes.
- \* The General List includes spans of codes for broad location categories.

```
IF D2LOC = 'Not found'
  USE LOCGEN44 INDEX LOCGEN44.NDX
  SEEK SUBSTR(M2LOC,1,2)
  IF FOUND()
    STORE LOCATION TO D2LOC
  ELSE
    STORE 'Not found' to D2LOC
  ENDIF
USE
ENDIF
```

- \* STATION portion.

```
STORE SPACE(1) TO X
STORE 'X' TO X
IF SUBSTR(MSADM,2,1) = 'A'
```

```

STORE 'Korea' TO DSADM
ELSE
STORE MSADM TO MSADMX

```

\* (0/O MODIFICATIONS)

- \* An alpha O is a legitimate prefix for a station entry. However, the alpha O
- \* prefix will probably be input as a numeric 0. Prefixes of 0 will result
- \* in "not found" stations of admission because none are listed on the database
- \* with a numeric 0 prefix. Thus, the numeric 0 is converted to an alpha O
- \* because the alpha O is an acceptable and legitimate entry but numeric 0 is
- \* not and therefore should never appear on the microfiche.

```

IF SUBSTR(MSADM,1,1) = '0'
STORE 'O' + SUBSTR(MSADM,2,3) TO MSADM
ENDIF

```

- \* Conversion of alpha prefixed Station of Admission codes to the
- \* numeric equivalent using an ASCII comparison routine for J-R prefixes.

```

IF MSADM = '.'.OR.MSADM = '$'.OR.((ASC(MSADM) >= 74) .AND.(ASC(MSADM) <= 82))
STORE SPACE(3) TO STORIT
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE 'X' + STORIT TO MSADM
ENDIF

```

- \* The following if structure converts alpha prefixes to numeric equivalents
- \* based on the ASCII equivalents for A thru J.

```

IF ASC(MSADM) >= 65 .AND.ASC(MSADM) <= 73
DO CASE
CASE ASC(MSADM) = 65
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '1' + STORIT TO MSADM
CASE ASC(MSADM) = 66
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '2' + STORIT TO MSADM
CASE ASC(MSADM) = 67
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '3' + STORIT TO MSADM
CASE ASC(MSADM) = 68
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '4' + STORIT TO MSADM
CASE ASC(MSADM) = 69
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '5' + STORIT TO MSADM
CASE ASC(MSADM) = 70
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '6' + STORIT TO MSADM
CASE ASC(MSADM) = 71
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '7' + STORIT TO MSADM
CASE ASC(MSADM) = 72
STORE SUBSTR(MSADM,2,3) TO STORIT
STORE '8' + STORIT TO MSADM

```

```

CASE ASC(MSADM) = 73
  STORE SUBSTR(MSADM,2,3) TO STORIT
  STORE '9' + STORIT TO MSADM

```

```

ENDCASE
ENDIF

```

```

IF MSADM = ' '
  STORE 'No entry made' TO DSADM
ELSE
  IF SUBSTR(MSADM,2,1) <> 'A'
    USE STAT50 INDEX STA50NDX
    SEEK MSADM
    IF FOUND()
      STORE STATION TO DSADM
    ELSE
      STORE 'Not found' to DSADM
    ENDIF
  USE
ENDIF
ENDIF
USE
ENDIF

```

\* This routine will return a general location for station of admission if  
 \* no specific location was found above and the first two digits of the  
 \* MSADM code match one of the general location codes in the database specified  
 \* below.

```

IF DSADM = 'Not found'
  USE TWODGT50 INDEX TWOCODE0
  SEEK SUBSTR(MSADM,1,2)
  IF FOUND()
    STORE 'Code possibly means: ' + STATION TO DSADM
  ENDIF
USE
ENDIF

```

```

STORE SPACE(3) TO STORIT

```

\* CAUSATIVE AGENT portion

```

USE CASAGT50 INDEX CAS50NDX
IF MCAGT = '-' .OR. MCAGT = ' '
  STORE 'No entry made' to DCAGT
ELSE
  SEEK MCAGT
  IF FOUND()
    STORE CAUSAGT TO DCAGT
  ELSE
    STORE 'Not found' TO DCAGT
  ENDIF
ENDIF
USE

```

\* Attempting to decode MCAGT from the General List of Causative Agent codes.

\* The General List includes spans of codes for broad causative agent categories.

```
IF DCAGT = 'Not found'  
  STORE MCAGT TO MGENCAUS  
  DO CASGEN50.PRG  
  STORE DGENCAUS TO DCAGT  
ENDIF
```

```
* FINAL RESULT portion  
USE FINRSL50 INDEX FIN50NDX  
IF MFRES = '-' .OR. MFRES = ' '  
  STORE 'No entry made' to DFRES  
ELSE  
  SEEK MFRES  
  IF FOUND()  
    STORE FINLRSLT TO DFRES  
  ELSE  
    STORE 'Not found' TO DFRES  
  ENDIF  
ENDIF  
USE
```

\* Attempting to decode MFRES from the General List of Final Result codes.

\* The General List includes spans of codes for broad final result categories.

```
IF DFRES = 'Not found'  
  STORE MFRES TO MGENFIN  
  DO FINGEN44.PRG  
  STORE DGENFIN TO DFRES  
ENDIF
```

```
CLOSE DATABASES  
RETURN
```

## LNGLST54.PRG

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\* LNGLST54.PRG

\* This file determines diagnosis (disease 1 & 2), operation (1 & 2), and anatomical location (1 & 2) from the codes input to the screen. It also determines station location, causative agent, final result.

\* Contains 0/0 modifications

CLOSE DATABASES

\* Diagnosis portion.

```
USE DIAGNO50 INDEX DIA50NDX
IF M1DIA = '-' .OR. M1DIA = ' '
    STORE 'No entry made' to D1DIA
ELSE
```

\* This IF routine converts diagnosis codes with an alpha suffix to the related numeric. The variable SUFFIX holds the original suffix code for subsequent reconversion to the original input.

```
IF SUBSTR(M1DIA,4,1)$'A,B,C,D,E,F,G,H,I,{ '
    STORE SPACE(1) TO SUFFIX
    DO CASE
        CASE SUBSTR(M1DIA,4,1) = '{ '
            STORE SUBSTR(M1DIA,1,3) TO STORIT
            STORE STORIT + '0' TO M1DIA
            STORE '{ ' TO SUFFIX
        CASE SUBSTR(M1DIA,4,1) = 'A'
            STORE SUBSTR(M1DIA,1,3) TO STORIT
            STORE STORIT + '1' TO M1DIA
            STORE 'A' TO SUFFIX
        CASE SUBSTR(M1DIA,4,1) = 'B'
            STORE SUBSTR(M1DIA,1,3) TO STORIT
            STORE STORIT + '2' TO M1DIA
            STORE 'B' TO SUFFIX
        CASE SUBSTR(M1DIA,4,1) = 'C'
            STORE SUBSTR(M1DIA,1,3) TO STORIT
            STORE STORIT + '3' TO M1DIA
            STORE 'C' TO SUFFIX
        CASE SUBSTR(M1DIA,4,1) = 'D'
            STORE SUBSTR(M1DIA,1,3) TO STORIT
            STORE STORIT + '4' TO M1DIA
            STORE 'D' TO SUFFIX
        CASE SUBSTR(M1DIA,4,1) = 'E'
            STORE SUBSTR(M1DIA,1,3) TO STORIT
            STORE STORIT + '5' TO M1DIA
            STORE 'E' TO SUFFIX
        CASE SUBSTR(M1DIA,4,1) = 'F'
            STORE SUBSTR(M1DIA,1,3) TO STORIT
            STORE STORIT + '6' TO M1DIA
            STORE 'F' TO SUFFIX
        CASE SUBSTR(M1DIA,4,1) = 'G'
            STORE SUBSTR(M1DIA,1,3) TO STORIT
            STORE STORIT + '7' TO M1DIA
            STORE 'G' TO SUFFIX
```

```

      CASE SUBSTR(M1DIA,4,1) = 'H'
        STORE SUBSTR(M1DIA,1,3) TO STORIT
        STORE STORIT + '8' TO M1DIA
        STORE 'H' TO SUFFIX
      CASE SUBSTR(M1DIA,4,1) = 'I'
        STORE SUBSTR(M1DIA,1,3) TO STORIT
        STORE STORIT + '9' TO M1DIA
        STORE 'I' TO SUFFIX
    ENDCASE
  ENDFIF

  SEEK M1DIA
  IF FOUND()
    STORE DIAGNOSIS TO D1DIA
  ELSE
    STORE 'Not found' TO D1DIA
  ENDFIF
ENDIF

```

\* Attempting to decode M1DIA from the General List of Diagnosis Codes.  
 \* The General List includes spans of codes for broad diagnosis categories.

```

IF D1DIA = 'Not found'
  STORE M1DIA TO MGENDIAG
  DO DISGEN50.PRG
  STORE DGENDIAG TO D1DIA
ENDIF

```

\* This IF routine converts converted codes back to the original input.

```

IF SUFFIX$'A,B,C,D,E,F,G,H,I,{ '
  STORE SUBSTR(M1DIA,1,3) + SUFFIX TO M1DIA
  STORE SPACE(1) TO SUFFIX
ENDIF

```

```

GO TOP
IF M2DIA = '-'.OR.M2DIA = ' '
  STORE 'No entry made' to D2DIA
ELSE

```

\* This IF routine converts diagnosis codes with an alpha suffix to the  
 \* related numeric. The variable SUFFIX2 holds the original suffix code  
 \* for subsequent reconversion to the original input.

```

IF SUBSTR(M2DIA,4,1)$'A,B,C,D,E,F,G,H,I,{ '
  DO CASE
    CASE SUBSTR(M2DIA,4,1) = '{ '
      STORE SUBSTR(M2DIA,1,3) TO STORIT
      STORE STORIT + '0' TO M2DIA
      STORE '{' TO SUFFIX2
    CASE SUBSTR(M2DIA,4,1) = 'A'
      STORE SUBSTR(M2DIA,1,3) TO STORIT
      STORE STORIT + '1' TO M2DIA
      STORE 'A' TO SUFFIX2
    CASE SUBSTR(M2DIA,4,1) = 'B'
      STORE SUBSTR(M2DIA,1,3) TO STORIT
      STORE STORIT + '2' TO M2DIA

```

```

        STORE 'B' TO SUFFIX2
    CASE SUBSTR(M2DIA,4,1) = 'C'
        STORE SUBSTR(M2DIA,1,3) TO STORIT
        STORE STORIT + '3' TO M2DIA
        STORE 'C' TO SUFFIX2
    CASE SUBSTR(M2DIA,4,1) = 'D'
        STORE SUBSTR(M2DIA,1,3) TO STORIT
        STORE STORIT + '4' TO M2DIA
        STORE 'D' TO SUFFIX2
    CASE SUBSTR(M2DIA,4,1) = 'E'
        STORE SUBSTR(M2DIA,1,3) TO STORIT
        STORE STORIT + '5' TO M2DIA
        STORE 'E' TO SUFFIX2
    CASE SUBSTR(M2DIA,4,1) = 'F'
        STORE SUBSTR(M2DIA,1,3) TO STORIT
        STORE STORIT + '6' TO M2DIA
        STORE 'F' TO SUFFIX2
    CASE SUBSTR(M2DIA,4,1) = 'G'
        STORE SUBSTR(M2DIA,1,3) TO STORIT
        STORE STORIT + '7' TO M2DIA
        STORE 'G' TO SUFFIX2
    CASE SUBSTR(M2DIA,4,1) = 'H'
        STORE SUBSTR(M2DIA,1,3) TO STORIT
        STORE STORIT + '8' TO M2DIA
        STORE 'H' TO SUFFIX2
    CASE SUBSTR(M2DIA,4,1) = 'I'
        STORE SUBSTR(M2DIA,1,3) TO STORIT
        STORE STORIT + '9' TO M2DIA
        STORE 'I' TO SUFFIX2
    ENDCASE
ENDIF

```

```

SEEK M2DIA
    IF FOUND()
        STORE DIAGNOSIS TO D2DIA
    ELSE
        STORE 'Not found' TO D2DIA
    ENDIF
ENDIF

```

\* Attempting to decode M2DIA from the General List of Diagnosis Codes.  
 \* The General List includes spans of codes for broad diagnosis categories.

```

IF D2DIA = 'Not found'
    STORE M2DIA TO MGENDIAG
    DO DISGEN50.PRG
    STORE DGENDIAG TO D2DIA
ENDIF

```

\* This IF routine converts converted codes back to the original input.

```

IF SUFFIX2$'A,B,C,D,E,F,G,H,I,{'
    STORE SUBSTR(M2DIA,1,3) + SUFFIX2 TO M2DIA
    STORE SPACE(1) TO SUFFIX2
ENDIF

```

```

USE

```

\* Operation portion

```
USE OPERAT50 INDEX OPE50NDX
IF M1OPE = '-' .OR. M1OPE = ' '
    STORE 'No entry made' to D1OPE
ELSE
    SEEK M1OPE
    IF FOUND()
        STORE OPERATION TO D1OPE
    ELSE
        STORE 'Not found' TO D1OPE
    ENDIF
ENDIF
```

\* Attempting to decode M1OPE from the General List of Operation Codes.  
\* The General List includes spans of codes for broad operation categories.

```
IF D1OPE = 'Not found'
    STORE M1OPE TO MGENOPE
    DO OPEGEN50.PRG
    STORE DGENOPE TO D1OPE
ENDIF
```

```
GO TOP
IF M2OPE = '-' .OR. M2OPE = ' '
    STORE 'No entry made' to D2OPE
ELSE
    SEEK M2OPE
    IF FOUND()
        STORE OPERATION TO D2OPE
    ELSE
        STORE 'Not found' TO D2OPE
    ENDIF
ENDIF
USE
```

\* Attempting to decode M2OPE from the General List of Operation Codes.  
\* The General List includes spans of codes for broad operation categories.

```
IF D2OPE = 'Not found'
    STORE M2OPE TO MGENOPE
    DO OPEGEN50.PRG
    STORE DGENOPE TO D2OPE
ENDIF
```

\* Location portion.  
\* Decoding first location.

```
USE ANATOM50 INDEX ANA50NDX
IF M1LOC = '-' .OR. M1LOC = ' '
    STORE 'No entry made' to D1LOC
ELSE
    SEEK M1LOC
    IF FOUND()
        STORE ANATOM_LOC TO D1LOC
    ELSE
```

```
        STORE 'Not found' to D1LOC
    ENDIF
ENDIF
USE
```

\* Attempting to decode M1LOC from the General List of Location Codes.  
\* The General List includes spans of codes for broad location categories.

```
IF D1LOC = 'Not found'
    USE LOGGEN44 INDEX LOGGEN44.NDX
    SEEK SUBSTR(M1LOC,1,2)
    IF FOUND()
        STORE LOCATION TO D1LOC
    ELSE
        STORE 'Not found' TO D1LOC
    ENDIF
USE
ENDIF
```

\* Decoding second location.

```
USE ANATOM50 INDEX ANA50NDX
IF M2LOC = '-' .OR. M2LOC = ' '
    STORE 'No entry made' to D2LOC
ELSE
    SEEK M2LOC
    IF FOUND()
        STORE ANATOM_LOC TO D2LOC
    ELSE
        STORE 'Not found' to D2LOC
    ENDIF
ENDIF
USE
```

\* Attempting to decode M2LOC from the General List of Location Codes.  
\* The General List includes spans of codes for broad location categories.

```
IF D2LOC = 'Not found'
    USE LOGGEN44 INDEX LOGGEN44.NDX
    SEEK SUBSTR(M2LOC,1,2)
    IF FOUND()
        STORE LOCATION TO D2LOC
    ELSE
        STORE 'Not found' TO D2LOC
    ENDIF
USE
ENDIF
```

\* STATION portion.

```
IF SUBSTR(MSADM,2,1) = 'A'
    STORE 'Korea' TO DSADM
ELSE
```

\* An alpha O is a legitimate prefix for a station entry. However, the alpha O  
\* prefix will probably be input as a numeric 0. Prefixes of 0 will result  
\* in "not found" stations of admission because none are listed on the database

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- \* with a numeric 0 prefix. Thus, the numeric 0 is converted to an alpha O
- \* because the alpha O is an acceptable and legitimate entry but numeric 0 is
- \* not and therefore should never appear on the microfiche.

```
IF SUBSTR(MSADM,1,1) = '0'  
  STORE 'O' + SUBSTR(MSADM,2,3) TO MSADM  
ENDIF
```

- \* Conversion of alpha prefixed station codes to numeric equivalent
- \* using ASCII comparison routine (codes 74-82 = J-R).

```
STORE MSADM TO MSADM1  
IF MSADM = '-'.OR.MSADM = '$'.OR.(ASC(MSADM) >= 74.AND.ASC(MSADM) <= 82)  
  STORE SPACE(3) TO STORIT  
  STORE SUBSTR(MSADM,2,3) TO STORIT  
  STORE 'X' + STORIT TO MSADM  
ENDIF
```

- \* ASCII codes 65-73 = A-I.

```
IF ASC(MSADM) >= 65.AND.ASC(MSADM) <= 73  
  DO CASE  
    CASE ASC(MSADM) = 65  
      STORE SUBSTR(MSADM,2,3) TO STORIT  
      STORE '1' + STORIT TO MSADM  
    CASE ASC(MSADM) = 66  
      STORE SUBSTR(MSADM,2,3) TO STORIT  
      STORE '2' + STORIT TO MSADM  
    CASE ASC(MSADM) = 67  
      STORE SUBSTR(MSADM,2,3) TO STORIT  
      STORE '3' + STORIT TO MSADM  
    CASE ASC(MSADM) = 68  
      STORE SUBSTR(MSADM,2,3) TO STORIT  
      STORE '4' + STORIT TO MSADM  
    CASE ASC(MSADM) = 69  
      STORE SUBSTR(MSADM,2,3) TO STORIT  
      STORE '5' + STORIT TO MSADM  
    CASE ASC(MSADM) = 70  
      STORE SUBSTR(MSADM,2,3) TO STORIT  
      STORE '6' + STORIT TO MSADM  
    CASE ASC(MSADM) = 71  
      STORE SUBSTR(MSADM,2,3) TO STORIT  
      STORE '7' + STORIT TO MSADM  
    CASE ASC(MSADM) = 72  
      STORE SUBSTR(MSADM,2,3) TO STORIT  
      STORE '8' + STORIT TO MSADM  
    CASE ASC(MSADM) = 73  
      STORE SUBSTR(MSADM,2,3) TO STORIT  
      STORE '9' + STORIT TO MSADM  
  ENDCASE  
ENDIF  
IF SUBSTR(MSADM,2,1) <> 'A'  
  USE STAT50 INDEX STA50NDX  
  SEEK MSADM  
  IF FOUND()  
    STORE STATION TO DSADM
```

LNGLST54.PRG

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```

ELSE
  STORE 'Not found' to DSADM
ENDIF
USE
ENDIF
USE
ENDIF

```

\* This procedure checks to see if a general location can be found for a  
 \* station of admission entry if no specific station was found above and  
 \* the first two digits of the MSADM entry equal one of the general  
 \* location codes in the database specified below.

```

IF DSADM = 'Not found'
  USE TWODGT50 INDEX TWOCODE0
  SEEK SUBSTR(MSADM,1,2)
  IF FOUND()
    STORE 'Code possibly means: ' + STATION TO DSADM
  ENDIF
  USE
ENDIF

```

```

STORE SPACE(3) TO STORIT

```

```

IF MSADM = ' '
  STORE 'No entry made' TO DSADM
ENDIF

```

\* CAUSATIVE AGENT portion

```

USE CASAGT50 INDEX CAS50NDX
IF MCAGT = '-' .OR. MCAGT = ' '
  STORE 'No entry made' to DCAGT
ELSE
  SEEK MCAGT
  IF FOUND()
    STORE CAUSAGT TO DCAGT
  ELSE
    STORE 'Not found' TO DCAGT
  ENDIF
ENDIF
USE

```

\* Attempting to decode MCAGT from the General List of Causative Agent Codes.  
 \* The General List includes spans of codes for broad causative agent categories.

```

IF DCAGT = 'Not found'
  STORE MCAGT TO MGENCAUS
  DO CASGEN50.PRG
  STORE DGENCAUS TO DCAGT
ENDIF

```

\* FINAL RESULT portion

```

USE FINRSL50 INDEX FIN50NDX
IF MFRES = '-' .OR. MFRES = ' '
  STORE 'No entry made' to DFRES
ELSE

```

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```
SEEK MFRES
  IF FOUND()
    STORE FINLRSLT TO DFRES
  ELSE
    STORE 'Not found' TO DFRES
  ENDIF
```

```
ENDIF
USE
```

- \* Attempting to decode MFRES from the General List of Final Result Codes.
- \* The General List includes spans of codes for broad final result categories.

```
IF DFRES = 'Not found'
  STORE MFRES TO MGENFIN
  DO FINGEN44.PRG
  STORE DGENFIN TO DFRES
ENDIF
```

```
CLOSE DATABASES
RETURN
```

## PROCFILE.PRG

## PAPER ONLY

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\* PROCFILE.PRG

\* This file contains all of the little procedures for the SGO Translator

\* Contains (0/0) modifications.

\*\*\*\*\*

PROCEDURE PIKITP

\* This program uses the same info to assign values to five Non-Effective Day  
\* variables (1950-1953).

DO CASE

CASE PIKIT = '0'

STORE '0 days (incl cases carded for record only)' TO STORIT

\* (0/0) modification

\* An alpha 0 entry input as a numeric 0 will print '0 days' (above)

\* rather than '600-699 days'

CASE PIKIT = '1'

STORE '1 day' TO STORIT

CASE PIKIT = '2'

STORE '2 days' TO STORIT

CASE PIKIT = '3'

STORE '3 days' TO STORIT

CASE PIKIT = '4'

STORE '4 days' TO STORIT

CASE PIKIT = '5'

STORE '5 days' TO STORIT

CASE PIKIT = '6'

STORE '6 days' TO STORIT

CASE PIKIT = '7'

STORE '7 days' TO STORIT

CASE PIKIT = '8'

STORE '8 days' TO STORIT

CASE PIKIT = '9'

STORE '9 days' TO STORIT

CASE PIKIT = '/'

STORE '10-14 days (or dying on same day admitted)' TO STORIT

CASE PIKIT = 'A'

STORE '15-19 days' TO STORIT

CASE PIKIT = 'B'

STORE '20-29 days' TO STORIT

CASE PIKIT = 'C'

STORE '30-39 days' TO STORIT

CASE PIKIT = 'D'

STORE '40-49 days' TO STORIT

CASE PIKIT = 'E'

STORE '50-59 days' TO STORIT

CASE PIKIT = 'F'

STORE '60-69 days' TO STORIT

CASE PIKIT = 'G'

STORE '70-79 days' TO STORIT

CASE PIKIT = 'H'

STORE '80-89 days' TO STORIT

PROCFILE.PRG

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```

CASE PIKIT = 'I'
  STORE '90-99 days' TO STORIT
CASE PIKIT = '$'
  STORE '100-149 days' TO STORIT
CASE PIKIT = 'J'
  STORE '150-199 days' TO STORIT
CASE PIKIT = 'K'
  STORE '200-299 days' TO STORIT
CASE PIKIT = 'L'
  STORE '300-399 days' TO STORIT
CASE PIKIT = 'M'
  STORE '400-499 days' TO STORIT
CASE PIKIT = 'N'
  STORE '500-599' TO STORIT
CASE PIKIT = 'O'
  STORE '600-699' TO STORIT
CASE PIKIT = 'P'
  STORE '700-799 days' TO STORIT
CASE PIKIT = 'Q'
  STORE '800-899 days' TO STORIT
CASE PIKIT = 'R'
  STORE '900-999 days or over' TO STORIT
CASE PIKIT = '-'
  STORE 'No entry made' TO STORIT
OTHE
  STORE 'Not Found' TO STORIT

```

```

ENDCASE
RETURN

```

```

*****

```

```

PROCEDURE PLINE

```

```

* This is the print line for lines > 50 characters.
SET DEVICE TO PRINTER
IF LEN(TRIM(PR3)) > 50
  IF LEN(TRIM(PR3)) > 100
    IF LEN(TRIM(PR3)) > 150
      ? PR1,PR2,' ',SUBSTR(PR3,1,50)
      ?
      @ PROW(),30 SAY SUBSTR(PR3,51,50)
      @ PROW() + 1,30 SAY SUBSTR(PR3,101,50)
      @ PROW() + 1,30 SAY SUBSTR(PR3,150,50)
    ELSE
      ? PR1,PR2,' ',SUBSTR(PR3,1,50)
      ?
      @ PROW(),30 SAY SUBSTR(PR3,51,50)
      @ PROW() + 1,30 SAY SUBSTR(PR3,101,50)
    ENDIF
  ELSE
    ? PR1,PR2,' ',SUBSTR(PR3,1,50)
    ?
    @ PROW(),30 SAY SUBSTR(PR3,51,50)
  ENDIF
ELSE
  ? PR1,PR2,' ',TRIM(PR3)
ENDIF

```

## PROCFILE.PRG

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```
SET DEVICE TO SCREEN
RETURN
```

```
*****
```

```
PROCEDURE PLINE58
```

```
* Used for 1958-9 SGO
```

```
* This prints the contents of all variables and wraps long entries properly
* for readable output (in paragraph-type form).
```

```
SET PRINT ON
```

```
_lmargin = 30
_wrap = .T.
```

```
?? TRIM(PR3) AT 30
```

```
_lmargin = 0
```

```
RETURN
```

```
*****
```

```
PROCEDURE EJCTPG
```

```
* Used for 1958-9 SGO
```

```
?
? 'continued on next page' AT 55
EJECT PAGE
```

```
IF MSVPR = 'RN'
  ? 'REGISTER NUMBER: ' AT 41
  ?? MSVCNO AT 58
  ?? '(continued)' AT 68
  ?
  ?
```

```
ELSE
  ? 'SERVICE NUMBER: ' AT 41
  ?? MSVCNO AT 58
  ?? '(continued)' AT 68
  ?
  ?
```

```
ENDIF
```

```
RETURN
```

```
*****
```

```
PROCEDURE PRTSET
```

```
* This program sends control codes to the various printers.
* Delete the star from the beginning of the line for your printer.
* If you have a different type of printer, you will need to look in your
* printer's manual to discover the printer's control codes for
```

\* printing 12 characters per inch, and for printing 8 lines per inch.

CLEAR

SET PRINT ON

SET MARGIN TO 0

\* THIS LINE SETS OKIDATA M84, M83 TO 8 LPI, 12 CPI-> CHR(28) 10 CPI-> CHR(30)  
\* 12 CPI MAY NOT WORK ON M83

\*?? CHR(27) + CHR(56), CHR(28)

\*?? CHR(27) + CHR(58)

\* OKIDATA M84, M83 TO 8 LPI, 16.5 CPI

\*?? CHR(27) + CHR(56), CHR(29)

\* OKIDATA M190 SERIES 8 LPI, 12 CPI

?? CHR(27) + CHR(48), CHR(27) + CHR(58)

\* EPSON LQ 1050 TO 8 LPI, 12 CPI

\*?? CHR(27) + CHR(48), CHR(27) + CHR(77)

\* EPSON LQ 1050 TO 8 LPI, 15 CPI

\*?? CHR(27) + CHR(48), CHR(27) + CHR(103)

\* HP DESKJET

\*?? CHR(27) CHR(38) CHR(108) CHR(8) CHR(68)

RETURN

\*\*\*\*\*

PROCEDURE BIGLET

\* This short procedure tells the unstarred printer to print the service #  
\* in wide letters.

\* If you are using a different type of printer and want the service # printed  
\* in wide letters, you will have to check in your printer's manual for the  
\* printer control codes (also known as escape codes or command codes)  
\* which will force your printer into wide-letter mode.

\* If you are using one of these printers, delete the stars from the  
\* beginning of the applicable lines.

\* These lines are for the Epson LQ 1050 and the Okidata 193.

IF MSVPR = 'ZZ'

?? CHR(14), ' HOSPITAL REG NO: ',MSVCNO

```

ELSE
  IF MSVPR = 'RN' .AND. CHOICE$'A,B'      && 1958-9 selected
    ?? CHR(14), '      REGISTRY NUMBER: ',MSVCNO
  ELSE
    ?? CHR(14), '      SERVICE NUMBER: ',MSVCNO
  ENDIF
ENDIF

```

```

* These lines are for the Okidata 83a and 84.
*   The sixth line resets the printer to regular mode.

```

```

*IF MSVPR = 'ZZ'
*  ?? CHR(30) + CHR(31), '      HOSPITAL REG NO: ',MSVCNO
*ELSE
*  IF MSVPR = 'RN' .AND. CHOICE$'A,B'      && 1958-9 selected
*    ?? CHR(30) + CHR(31), '      REGISTRY NUMBER: ',MSVCNO
*  ELSE
*    ?? CHR(30) + CHR(31), '      SERVICE NUMBER: ',MSVCNO
*  ENDIF
*ENDIF
*?? CHR(30)

```

```

* These lines are for the HP DeskJet

```

```

*IF MSVPR = 'ZZ'
*  ?? CHR(27) CHR(40) CHR(115) CHR(5) CHR(72), '      HOSPITAL REG NO: ',MSVCNO
*ELSE
*  IF MSVPR = 'RN' .AND. CHOICE$'A,B'      && 1958-9 selected
*    ?? CHR(27) CHR(40) CHR(115) CHR(5) CHR(72), '      REGISTRY NUMBER:
',MSVCNO
*  ELSE
*    ?? CHR(27) CHR(40) CHR(115) CHR(5) CHR(72), '      SERVICE NUMBER: ',MSVCNO
*  ENDIF
*ENDIF
*?? CHR(27) CHR(40) CHR(115) CHR(10) CHR(72)

```

```

RETURN

```

```

*****

```

```

PROCEDURE DISRATER

```

```

* Picks disability ratings percentages for 1954 SGO reports
*   based on MDRAT substrs 2,4,5 and 6.

```

```

DO CASE

```

```

* (0/0) modification
  CASE MRATER = '0'
    STORE '0 - 69%' TO DRATER
*  CASE MRATER = '0'.OR.MRATER = '$'
*    STORE '0 - 9%' TO DRATER
  CASE MRATER = '$'
    STORE '0 - 9%' TO DRATER

```

```

CASE MRATER = '1'.OR.MRATER = 'J'

```

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```

STORE '10 - 19%' TO DRATER
CASE MRATER = '2'.OR.MRATER = 'K'
STORE '20 - 29%' TO DRATER
CASE MRATER = '3'.OR.MRATER = 'L'
STORE '30 - 39%' TO DRATER
CASE MRATER = '4'.OR.MRATER = 'M'
STORE '40 - 49%' TO DRATER
CASE MRATER = '5'.OR.MRATER = 'N'
STORE '50 - 59%' TO DRATER
CASE MRATER = '6'.OR.MRATER = 'O'
STORE '60 - 69%' TO DRATER
CASE MRATER = '7'.OR.MRATER = 'P'
STORE '70 - 79%' TO DRATER
CASE MRATER = '8'.OR.MRATER = 'Q'
STORE '80 - 89%' TO DRATER
CASE MRATER = '9'.OR.MRATER = 'R'
STORE '90 - 99%' TO DRATER
CASE MRATER = '+'
STORE '100%' TO DRATER
CASE MRATER = ' '.OR.MRATER = '-'
STORE 'No rating' TO DRATER
OTHE
STORE 'Not found' TO DRATER
ENDCASE
RETURN

```

\*\*\*\*\*

PROCEDURE MOYRCALC

\* FIGURES THE MONTH FOR 1944 DISPOSITION DATE

```

DO CASE
CASE MONUMB = 01
STORE 'JANUARY' TO MO
CASE MONUMB = 02
STORE 'FEBRUARY' TO MO
CASE MONUMB = 03
STORE 'MARCH' TO MO
CASE MONUMB = 04
STORE 'APRIL' TO MO
CASE MONUMB = 05
STORE 'MAY' TO MO
CASE MONUMB = 06
STORE 'JUNE' TO MO
CASE MONUMB = 07
STORE 'JULY' TO MO
CASE MONUMB = 08
STORE 'AUGUST' TO MO
CASE MONUMB = 09
STORE 'SEPTEMBER' TO MO
CASE MONUMB = 10
STORE 'OCTOBER' TO MO
CASE MONUMB = 11
STORE 'NOVEMBER' TO MO
CASE MONUMB = 12
STORE 'DECEMBER' TO MO

```

## PROCFILE.PRG

## PAPER ONLY

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```

CASE MONUMB = 00
  STORE 'In hosp at end of year' TO MO
  OTHE
  STORE 'Month not found 3' TO MO
ENDCASE
RETURN

```

```

*****
PROCEDURE DIAG44

```

```

* This section interprets the 1944 DIAGNOSIS code.

```

```

USE DIAGNOSI INDEX DIAGNDX

```

```

* The variable CONVERT is initiated for activation if the first digit
* of the 1944 Diagnosis code is an "&", "}", or " ".

```

```

STORE SPACE(1) TO CONVERT

```

```

  IF SUBSTR(MLOOKUP,1,1) = '&'
    MLOOKUP = '0' + SUBSTR(MLOOKUP,2,3)
    STORE 'A' TO CONVERT
  ENDIF

```

```

  IF SUBSTR(MLOOKUP,1,1) = '}'
    MLOOKUP = '0' + SUBSTR(MLOOKUP,2,3)
    STORE 'B' TO CONVERT
  ENDIF

```

```

  IF SUBSTR(MLOOKUP,1,1) = ' '
    MLOOKUP = '0' + SUBSTR(MLOOKUP,2,3)
    STORE 'M' TO CONVERT
  ENDIF

```

```

  SEEK MLOOKUP
  IF FOUND()
    STORE DIAGNOSIS TO DLOOKUP
  ELSE
    STORE 'Not found' TO DLOOKUP
  ENDIF

```

```

USE

```

```

* If no 1944 diagnosis is found in the 1944 diagnosis databases, then
* check the 1944 Pseudo-codes below.

```

```

IF DLOOKUP = 'Not found'
  DO CASE
    CASE MLOOKUP = '1000'
      STORE 'Tuberculosis, pulmonary, acute' TO DLOOKUP
    CASE MLOOKUP = '1020'
      STORE 'Gonococcus infection' TO DLOOKUP
    CASE MLOOKUP = '1130'
      STORE 'Leishmaniasis' TO DLOOKUP
    CASE MLOOKUP = '4549'
      STORE 'Psychosis, senile' TO DLOOKUP
    CASE MLOOKUP = '4610'

```

```

        STORE 'Exhaustion, when on records from combat area' TO DLOOKUP
CASE MLOOKUP = '4910'
        STORE 'Mastoiditis' TO DLOOKUP
CASE MLOOKUP = '5010'
        STORE 'Pericarditis, acute' TO DLOOKUP
CASE MLOOKUP = '5320'
        STORE 'Valvular deformity unclassified' TO DLOOKUP
CASE MLOOKUP = '5329'
        STORE 'Valvular deformity' TO DLOOKUP
CASE MLOOKUP = '5600'
        STORE 'Embolism, thrombosis or infarction of pulmonary artery' TO
DLOOKUP
CASE MLOOKUP = '6658'
        STORE 'Bronchopneumonia' TO DLOOKUP
CASE MLOOKUP = '7310'
        STORE 'Gastric ulcer' TO DLOOKUP
CASE MLOOKUP = '7430'
        STORE 'Duodenal or jejunal ulcer' TO DLOOKUP
CASE MLOOKUP = '7520'
        STORE 'Peritonitis, all' TO DLOOKUP
CASE MLOOKUP = '8120'
        STORE 'Pyelonephritis' TO DLOOKUP
CASE MLOOKUP = '8310'
        STORE 'Prostatitis' TO DLOOKUP
CASE MLOOKUP = '9250'
        STORE 'Bursitis' TO DLOOKUP
OTHE
        STORE 'Not found' TO DLOOKUP
ENDCASE
ENDIF

IF MLOOKUP = '9950'
        STORE 'Spinal puncture, diagnostic or observation for disease, no disease
found' to DLOOKUP
ENDIF

* Attempting to decode MLOOKUP from the General List of Diagnosis Codes
* if DLOOKUP above = 'Not found'.
* The General List includes spans of codes for broad diagnosis categories.

IF DLOOKUP = 'Not found'
        STORE MLOOKUP TO MGENDIAG
        DO DISGEN44.PRG
        STORE DGENDIAG TO DLOOKUP
ENDIF

* This IF routine converts the variable MLOOKUP back to its original form
* if it had been previously converted.

IF CONVERT$'A,B,M'
        IF CONVERT = 'A'
                MLOOKUP = '&' + SUBSTR(MLOOKUP,2,3)
                IF DLOOKUP <> 'Not found' .AND. SUBSTR(DLOOKUP,1,13) <> 'Code possibly'
                        STORE 'Code possibly means: ' + DLOOKUP TO DLOOKUP
                ENDIF
        ENDIF
ENDIF

```

## PROFILE.PRG

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```
IF CONVERT = 'B'
  MLOOKUP = '}' + SUBSTR(MLOOKUP,2,3)
ENDIF

IF CONVERT = 'M'
  MLOOKUP = ' ' + SUBSTR(MLOOKUP,2,3)
  IF DLOOKUP <> 'Not found' .AND. SUBSTR(DLOOKUP,1,13) <> 'Code possibly'
    STORE 'Code possibly means: ' + DLOOKUP TO DLOOKUP
  ENDIF
ENDIF

STORE SPACE(1) TO CONVERT
ENDIF

SET TALK OFF
SET SAFETY ON

RETURN
```

## README.PRG

## PAPER ONLY

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\* README

\* This file contains some useful information about features of the  
\* SGO files which will need to be addressed if the file is ever used  
\* outside of NPRC and the microfiche/pc parameters under which it was  
\* created.

\* ITEM 1.

\* This item contains information concerning the problem of  
\* 0 (numeric zero) and O (alpha letter O) entries on the SGO  
\* file.

\* These 0/O entries are almost impossible to distinguish on the microfiche.  
\* Therefore, alpha O entries will almost always be entered as a numeric 0.  
\* This is not a problem if there is no code explanation for the numeric 0;  
\* both entries can be interpreted to the same explanation. However, if the  
\* numeric 0 has an explanation, and the alpha O is entered, an incorrect  
\* interpretation will be printed for the SGO record.

\* Until the human factor, is eliminated in the data entry effort, program  
\* modifications have been made to compensate for the erroneous entries.  
\* Entry of 0 or O in certain fields will display both definitions in an  
\* either/or format.

\* If the input system is ever completely automated, the following fields  
\* files and fields will require modification to ensure proper interpretation  
\* of alpha O and numeric 0 entries.

\* These files are identified by the message:  
\* "Contains 0/O modifications"  
\* at the beginning of the file.

\* Affected field entries are identified by the message:  
\* "\*\* (0/O) modifications"  
\* at the beginning of the field.

\* The files and fields (or procedures) are:

* File	* Field
* PROCFILE.PRG	* DISRATER procedure
* SHTLST42.PRG	* PIKITP procedure
* SHTLST42.PRG	* ARM
* SHTLST42.PRG	* DISP
* SHTLST42.PRG	* MISC
* LNGLST42.PRG	* ANAT LOCATION
* SHTLST43.PRG	* ARM
* SHTLST43.PRG	* DISP
* SHTLST43.PRG	* MISC
* LNGLST43.PRG	* ANAT LOCATION
* 44PROBE	* London code determination based on STN ADM field
* SHTLST44	* ARM
* LONDON	* STNADM
* SHTLST45	* DISPYR
* SHTLST50	* MTYUN
* SHTLST50	* MSPTR

\* LNGLST50           MSADM  
\* SHTLST54           MSPTR  
\* LNGLST54           MSADM

\* STATION.DBF        STATION

\* SHTLST58.PRG       almost all fields, see file

\* ITEM 2

\* Also, certain hex codes produced different symbols on the microfiche for  
\* 1944 and 1945 than for the other SGO years because a different contractor  
\* and translation table were used for these two files. The  
\* decoding programs have been designed to interpret the symbols on the micro-  
\* fiche. The differences of the 1944 and 1945 files have been taken into  
\* account in the decoding program.

\* If the SGO system is ever upgraded or  
\* utilized by another source, please keep in mind that the programs were  
\* written to interpret only data input from the fields on the MICROFICHE.  
\* Interpreting from hex code combinations on the actual file could have  
\* different results for codes appearing as a rectangular box, degree sign, and  
\* other non-alpha/numeric symbols. This is because two different translation  
\* tables were used by the two different contractors.

\* If input to the SGO programs is other than the print characters shown on  
\* current MICROFICHE, some misinterpretations of raw data could occur.

\*

\* Only the 1944 and 1945 Basic fiche sets (not the addendums) were created  
\* by a different contractor than all of the remaining fiche. The 1942, 1943,  
\* 1950-54, all addendums including 1944 and 1945 were created by the second  
\* contractor. The first contract outfit was GSA in Kansas City, MO. The  
\* second contractor was Custom Micrographics, St. Louis, MO (thru ARPERCEN).  
\*

\* If this program is ever put on an all computerized system, the decoding  
\* instructions in the programs for symbol entries (&,+ , degree signs,  
rectangular  
\* boxes, etc.) will need to be revised.

\* The SGO translator program was set up to decode symbols on the microfiche,  
\* not the hex codes on the file.

\* ITEM 3

\* Edit programs have been installed to flag certain entries when the  
\* interpretation is 'Not found.' If additional interpretations are ever  
\* added to the SGO file, it may be necessary to install additional edits.

\* ITEM 4

\* If new items are added to any database, remember to ensure that the  
\* databases have been reindexed.

RETURN