

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) DATA BASE DEVELOPMENT FOR SHIP READINESS ANALYSES		5. TYPE OF REPORT & PERIOD COVERED FINAL TECHNICAL REPORT AUG 1984 - Nov 1984
7. AUTHOR(s) William H. King Dona C. Zimmerman		6. PERFORMING ORG. REPORT NUMBER BDM/M-TR-0056-84
9. PERFORMING ORGANIZATION NAME AND ADDRESS BDM Services Company 2600 Garden Road, North Building Monterey, CA 93940		8. CONTRACT OR GRANT NUMBER(s) N00014-82-C-0251
11. CONTROLLING OFFICE NAME AND ADDRESS Naval Postgraduate School Monterey, CA 93940		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS Task Order 0012
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE November 1984
		13. NUMBER OF PAGES 65
		15. SECURITY CLASS. (of this report) Unclassified
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release, distribution unlimited		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Data Base Development Ship Manpower Readiness Personnel Attributes Data Active Duty Personnel Files		
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Extractions from the 2754 position file were made for computational purposes. In addition, binary coding format was converted to character format on tapes sent to the Center for Naval Analysis (CNA) to meet computer system specifications. These files were used to examine personnel attributes in relation to ship readiness, but also provide excellent sources of data for a variety of applications.



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BDM/M-TR-0056-84

DATA BASE DEVELOPMENT FOR SHIP READINESS ANALYSES

November 1984

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William H. King and Dona C. Zimmerman

November 1984

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Naval Postgraduate School
Monterey, CA 93940

The data base development reported here was done in
preparation for studies sponsored by the
Office of The Chief of Naval Operations
(NOP-914)

ABSTRACT

Files were constructed at the Defense Manpower Data Center (DMDC) for analysis of ship readiness. Navy enlisted personnel attached to the ships, in each observed ship class, were selected. Service-entry information was supplemented with updated quarterly data, for the quarters ending 7609 to 8303, resulting in individual longitudinal records. The Active Duty Military Master and Loss Edit provided the entry and quarterly information for each record.

Extractions from the 2754 position file were made for computational purposes. In addition, binary coding format was converted to character format on tapes sent to the Center for Naval Analysis (CNA) to meet computer system specifications. These files were used to examine personnel attributes in relation to ship readiness, but also provide excellent sources of data for a variety of applications.

FOREWORD

File extractions, concatenations and recoding procedures were done by Mr. William H. King of BDM Services, utilizing DMDC software (shown in the appendix). Ms. Barbara Cunningham of DMDC wrote the PL-1 program providing the ships' personnel requirements and fill-ratios. Dr. William E. McGarvey, of the Naval Postgraduate School, used the constructed "working file", for his statistical analyses.

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DATA BASE DEVELOPMENT FOR SHIP READINESS ANALYSES

I. RECORD SELECTION

The Defense Manpower Data Center (DMDC) serves as a central facility within the Department of Defense for the collection and integration of personnel data. The DMDC Active Duty Military Master and Loss File, contains extracts of each individual's personnel file, and is updated on a quarterly basis with information received from the Navy Military Personnel Center (NMPC). This file of Navy enlisted personnel data was used as the initial database for this study, and was supplemented with data from the DMDC Active Duty Military Master and Loss File, described in Table 1.

The entire set of Navy enlisted personnel records was selected for all personnel attached to the ships in each of the observed classes, listed in Table 2. The Unit Identification Code (UIC) of each ship is unique and was used in selecting the personnel records for the analysis. These records contain both current information on each individual at the date of the record and information from that individual's record at time of entry to active duty. Personnel records were selected for each quarter from 30 September 1976 to 31 March 1983, a total of 27 time-periods.

II. FORMATION OF INDIVIDUAL LONGITUDINAL RECORDS

For any person attached to any of the given ships (UICs) during these periods, a longitudinal record was constructed

TABLE 1. ACTIVE DUTY MILITARY MASTER AND LOSS
EDIT FILE FORMAT

Record length = 150
(The first 54 bytes were used to create the initial file.)

<u>Column(s)</u>	<u>Description</u>
1-4	Social Security Number
5-6	Total Active Federal Military Service
7-8	DoD Primary Occupation Group
9-10	DoD Duty Occupation Group
11	Highest Year of Education
12	AFQT Percentile (Enlisted)
13	Paygrade
14	Home of Record: State or County
15-17	Date of Birth (Year/Month/Day)
18	Service
19	Race
20	Source of Entry (Officer) *
21	Filler
22	Marital Status
23	Number of Dependents
24	File Date
25	Ethnic Group
26	Race Ethnic Affiliation
27	Sex
28	Education * Mental Category (Enl) Years of Commissioned Service (Off)
29-30	DoD Secondary Occupation Code
31	Mental Category (Enlisted)
32	Age at Entry
33	Age at Separation (Loss) Current Age (Master)
34-40	Primary MOS or Navy Officer Designator
41-43	Separation Program Designator (Loss)
44	Interservice Separation Code (Loss)
45-47	Date of Separation (Loss) or Soft Expiration Term of Service (Master) (Year/Month/Date)
48-50	Basic Active Service Date (Year/Month/Date)
51-52	Expiration Term of Service (Year/Month)
53-54	Date of Current Paygrade (Year/Month)
55-56	Date of Latest Enlistment (Enlisted)/ Date of Entry to Officer Ranks (Officer) (Year/Month)
57	Component
58	Year of Active Duty Service
59	Time in Grade

TABLE 1. ACTIVE DUTY MILITARY MASTER AND LOSS
EDIT FILE FORMAT (CONTINUED)

<u>Column(s)</u>	<u>Description</u>
60	Character of Service (Enlisted-Loss)
61	Service Category (Officer)/VRBM (Enlisted)
62	Flying Status (Officer)/Propay (Enlisted)
63-64	Reenlistment Eligibility (Enlisted)/ Flight Pay Status (Officer) *
65-67	Pay Entry Base Date (Year/Month/Date)
68	Score Group (Enlisted) *
69-74	Unit Identification Code *
75	Spanish Surname Flag
76-77	Filler
78-84	Duty MOS/AQD (Naval Officer) *
85-90	Program Element Code *
91-95	Zip Code *
96-99	Name (First Four Positions)
100	Gain/Loss Code
101-105	Home of Record Zip Code *
106	Highest Year of Education
107	Marital/Dependents Status
108	Test Form
109	AFQT Percentile (Original MEPCOM)
110	Mental Category (Original MEPCOM)
111-126	Aptitude Area Scores *
127	Service
128	Prior Service
129	Waiver Code
130-132	Date of Entry (Year/Month/Date)
133	Term of Enlistment
134-138	Enlistment Option/Enlistment Program*
139	Bonus Option
140	Enlistment Option
141-145	Training MOS *
146	AFQT Percentile (Original Master)
147	Mental Category (Original Master)
148	Renorm Flag
149-150	Filler

Note: The (*) denotes that the data element is coded in character format, otherwise in binary format.

with updated information from positions five to fifty-four of the Master and Loss Edit. (See program entitled EXTRACT BDM in the appendix). Cross-sectional analysis is also feasible because quarterly information may be readily accessed.

Application of these extraction procedures resulted in the combination of several thousand personnel records. Presented below are the numbers of ships and personnel for the ship classes considered in the study.

TABLE 2. SHIP CLASSES AND NUMBER OF SHIPS AND PERSONNEL ANALYZED

SHIP CLASSES/TYPES	NUMBER OF SHIPS	NUMBER OF PERSONNEL
CG	23	32940
CGN	9	16049
DD963	30	22346
DDG2	24	30374
DDG37	10	14350
FF	59	56392
FFG	38	12612

Quarterly files were linked together by Social Security Number (SSN) for each individual serving on any of the given ships resulting in a 2754 byte record for each individual. Although an individual may have been attached to two or more ships during the 27 quarters, only a single record is constructed for that case. The current information on individual records

for each quarter is inserted in predetermined sections on the individual's records; should an individual not have been attached to one of the ships during that quarter, zeros were inserted as fillers in that section for that individual's record. (See program MATCHMAG BDM). The Match/Merge file format is shown in Table 3.

An illustration of the file merging process may clarify these conditions. The file from 30 September 1976 is matched with the file from 31 December 1976. All records from the first file are written to a transaction file and, where matches occur, the 30 September 1976 data are followed by the 31 December 1976 data. Should an individual active on a September 1976 ship not be attached to any of the ships in December 1976, then zeros are inserted in the "Quarter 2" section of that record.

If a another individual joined the cohort in, for example, December 1976, then zeros would be inserted in the "Quarter 1" section (where September 1976 data would have been placed) and the December 1976 file would be added to the end of the combined record. This combined data would then be matched against the "Quarter 3" (March 1977) file. All records from the combined data would then be written into a new file and any matches from the March 1977 file would be added to the end of this record. Should a match with the March 1977 file not be found (e.g., attrition from the cohort), then zeros would be inserted into that part of the new record. For instance, a new individual, joining in March 1977, would be added to the

TABLE 3. MATCH/MERGE FILE FORMAT

Record length = 2754

<u>Column(s)</u>	<u>Description</u>
1-4	Social Security Number
5-9	Home of Record Zip Code *
10	Highest Year of Education
11	Marital/Dependents Status
12	Test Form
13	AFQT Percentile (Original MEPCOM)
14	Mental Category (Original MEPCOM)
15-30	Aptitude Area Scores *
31	Service
32	Prior Service
33	Waiver Code
34-36	Date of Entry (Year/Month/Date)
37	Term of Enlistment
38-42	Enlistment Option/Enlistment Program*
43	Bonus Option
44	Enlistment Option
45-49	Training MOS *
50	AFQT Percentile (Original Master)
51	Mental Category (Original Master)
52	Renorm Flag
53-54	Filler

---record fields to which quarterly data are assigned---

Column(s)	Quarterly data for quarter ending	Year
55-154	7609	
155-254	"	7612
255-354	"	7703
355-454	"	7706
455-554	"	7709
555-654	"	7712
655-754	"	7803
755-854	"	7806
855-954	"	7809
955-1054	"	7812
1055-1154	"	7903
1155-1254	"	7906
1255-1354	"	7909
1355-1454	"	7912
1455-1554	"	8003
1555-1654	"	8006
1655-1754	"	8009
1755-1854	"	8012
1855-1954	"	8103
1955-2054	"	8106
2055-2154	"	8109

TABLE 3. MATCH/MERGE FILE FORMAT (CONTINUED)

<u>Column(s)</u>	<u>Description</u>
2155-2254	Quarterly data for quarter ending 8112
2255-2354	" " " " " 8203
2355-2454	" " " " " 8206
2455-2554	" " " " " 8209
2555-2654	" " " " " 8212
2655-2754	" " " " " 8303

List of Data Elements Entered by Quarter
(Example: Positions used for QTR 7609)

55-58	Social Security Number
59-60	Total Active Federal Military Service
61-62	DoD Primary Occupational Group
63-64	DoD Duty Occupational Group
65	Highest Year of Education
66	AFQT Percentile (Enlisted)
67	Paygrade
68	Home of Record: State or County
69-71	Date of Birth (Year/Month/Date)
72	Service
73	Race
74	Source of Entry (Officer) *
75	Filler
76	Marital Status
77	Number of Dependents
78	File Date
79	Ethnic Group
80	Race Ethnic
81	Sex
82	Education * Mental Category (ENL) Years of Commissioned Service (OFF)
83-84	DoD Secondary Occupational Code
85	Mental Category (Enlisted)
86	Age at Entry
87	Age at Separation (Loss)/Current Age (Master)
88-94	Primary MOS/Designator (Naval Officer)
95-97	Separation Program Designator (Loss)*
98	Interservice Separation Code (Loss)
99-101	Date of Separation (Loss)/Soft ETS Date (Master)
102-104	(Year/Month/Date) Basic Active Service Date (Year/Month/ Date)
105-106	Expiration Term of Service Date (Year/Month)
107-108	Date of Current Paygrade (Year/Month)

TABLE 3. MATCH/MERGE FILE FORMAT (CONTINUED)

<u>Column(s)</u>	<u>Description</u>
109-110	Date of Latest Enlistment (Enlisted)/ Date of Entry to Officer Ranks (Officer) (Year/Month)
111	Component
112	Year of Active Duty Service
113	Time in Grade
114	Character of Service (Enlisted-Loss)
115	Service Category (Officer)/VRBM (Enlisted)
116	Flying Status (Officer)/Propay (Enlisted)
117-118	Reenlistment Eligibility (Enlisted)/ Flight Pay Status (Officer) *
119-121	Pay Entry Base Date (Year/Month/Date)
122	Score Group (Enlisted) *
123-128	Unit Identification Code *
129	Spanish Surname Flag
130-131	Filler
132-138	Duty MOS/AQD (Naval Officer) *
139-144	Program Element Code *
145-149	Zip Code *
150-153	Name (First Four Positions)
154	Gain/Loss Code

Note: Positions 55 to 2754 contain the 100 bytes of information shown in columns 55 to 154, which is updated and entered in sequence for each quarter. The (*) denotes that the data element is coded in character format, otherwise in binary format.

combined file by inserting zeros where September and December 1976 data would have been located and then the March data would be added at the end of the zeros. At another stage of file preparation, these "filler zeros" were recoded as missing data. The succeeding quarterly files were interatively matched and joined in this manner.

III. FILE EXTRACTIONS

The constructed record can be used to determine which personnel are attached to which, if any, of the given ships for any of the 27 quarters under consideration. Accession information, along with the Social Security Number obtained the first time each individual record is observed, were inserted at the beginning of the constructed record.

Because the concatenation yielded a relatively extended record length of 2754 bytes, two reduction measures were adopted to form a Working File depicted in Table 4. In the first stage, a 1400 byte record was extracted, containing accession information, e.g., ASVAB subscale scores, date of entry, marital status, and mental group category. Also included were quarterly updates such as Naval Enlistment Classification code (NEC), paygrade, years of active duty, and time in grade (See EXTRACT NPS). The second stage involved extraction of only those elements deemed necessary for the analysis. For each case, these variables included: (a) Armed Forces Qualifying Test (AFQT) score; (b) high-school degree status; (c) age at accession; (d) present

TABLE 4. WORKING FILE FORMAT

<u>Column(s)</u>	<u>Description</u>
1-4	Social Security Number
5	Filler
6	Highest Year of Education
7	Marital/Dependents Status
8	Test Form
9	AFQT Percentile (Original MEPCOM)
10	Mental Category (Original MEPCOM)
11-26	Aptitude Area Scores
27	Service
28	Prior Service
29	Waiver Code
30-32	Date of Entry (Year/Month/Date) *
33	Term of Enlistment
34-38	Enlistment Option/Enlistment Program*
39	Bonus Option
40	Enlistment Option
41-45	Training MOS
46	AFQT Percentile (Original Master)
47	Mental Category (Original Master)
48	Renorm Flag
49-50	Filler

---record fields to which quarterly data are assigned---

	Quarterly data for quarter ending 7609					
51-100	"	"	"	"	"	7612
101-150	"	"	"	"	"	7703
151-200	"	"	"	"	"	7706
201-250	"	"	"	"	"	7709
251-300	"	"	"	"	"	7712
310-350	"	"	"	"	"	7803
351-400	"	"	"	"	"	7806
401-450	"	"	"	"	"	7809
451-500	"	"	"	"	"	7812
501-550	"	"	"	"	"	7903
551-600	"	"	"	"	"	7906
601-650	"	"	"	"	"	7909
651-700	"	"	"	"	"	7912
701-750	"	"	"	"	"	8003
751-800	"	"	"	"	"	8006
801-850	"	"	"	"	"	8009
851-900	"	"	"	"	"	8012
901-950	"	"	"	"	"	8103
951-1000	"	"	"	"	"	8106
1001-1050	"	"	"	"	"	8109
1051-1100	"	"	"	"	"	8112
1101-1150	"	"	"	"	"	8203
1151-1200	"	"	"	"	"	

TABLE 4. WORKING FILE FORMAT (CONTINUED)

<u>Column(s)</u>	<u>Description</u>
1201-1250	" " " " " 8206
1251-1300	" " " " " 8209
1301-1350	" " " " " 8212
1351-1400	" " " " " 8303

List of Data Elements Entered by Quarter
(Example: Positions used for QTR 7609)

51-52	Expiration Term of Service (Year/Month)
53	Highest Year of Education
54	AFQT Percentile
55	Paygrade
56-58	Date of Birth (Year/Month/Date)
59	Marital Status
60	Number of Dependents
61	Sex
62	Mental Category (Enlisted)
63	Age at Entry
64	Age at File Date
65-67	Rate *
68-71	Naval Enlistment Classification (NEC) *
72-74	Basic Active Service Date
75-76	Date Of Paygrade (Year/Month)
77-78	Date of Latest Enlistment (Year/Month)
79	Component
80	Year of Active Duty
81	Time in Grade
82	VRBM/SRBM
83	Propay
84	Score Group
85-87	Last three numbers of Unit Identification Code (UIC) *
88-90	Duty Rate *
91-94	Duty NEC *
95-100	Program Element Code *

Note: Positions 51 to 1400 contain the 50 bytes of information shown in columns 51-100, which is updated and entered in sequence for each quarter. The (*) denotes that the data element is coded in character format, otherwise in binary format.

age; (e) paygrade; (f) years of active duty; (g) number of months in current paygrade; and (h) a logical condition (labelled "returner") indicating service in that rating aboard that ship in the prior quarter. Aggregation by rating on these variables was the next analytic stage. This file was made available to Dr. W.E. McGarvey at the Naval Postgraduate School, for his analysis.

IV. DATA AGGREGATION PROCEDURES

Utilizing Statistical Analysis System (SAS) software, aggregation was accomplished by:

1. selecting only those individuals who served in a given rating during at least one of the 27 quarters;
2. recoding "filler zeros" as missing data;
3. for each quarter, and for each ship with any active personnel aboard in that quarter, aggregating across individuals on the selected attributes associated with that rating (high-school degrees, "returners", AFQT scores, entry ages, present ages, paygrades, years of active duty, and months in current paygrades) and computing central tendency measures for that rating;
4. merging by ship and quarter the aggregated measures for each rating within ship and within quarter, and writing a new file; and
5. merging aggregated rating data for different ratings within each ship and quarter.

Thus, the aggregate characteristics of all ratings within a given ship (or ships) within a given quarter (or quarters) can be examined, and selected ratings may also be examined. Regression models were used to examine the collective data for a given department across several ships and certain ratings, across several ships, and across three classes of ships.

V. ADDITIONAL DATA BASE DEVELOPMENT

A second data base was generated which included, by rating, information about each of the ship's billets. Such billet data included: (a) number authorized; (b) number assigned; and (c) the fill-ratio. The fill-ratio was computed as the number of personnel on board divided by the number required. The number required for each ship, by department and rating, were provided by OPNAV-914 from the Ship Manning Document (SMD) files.

A third data base was composed of statistical summary reports provided by the Navy Ships Parts Control Center (SPCC), Mechanicsburg, Pa. The data included information provided by the individual units through the Consolidated Casualty Reporting System (CASREP).

The casualty reporting (CASREP) system provides a timely method for reporting equipment failures and the effect of these failures on the capability of the reporting units. The CASREP system is designed to assist in identifying problem equipment, supply support deficiencies, maintenance difficulties, etc., which tend to reduce the combat readiness of the Navy. Reported

by the individual ships, the CASREPs are compiled by SPCC.

Eight measures were extracted from these CASREP data, and three others were derived from them. The three data files were then merged into one file that contained for each quarter the personnel characteristics, fill-ratios and CASREP data for each ship.

The different files for each ship class were recorded (see program EXRECODE CNA) and forwarded to Center for Naval Analysis (CNA) for additional analysis. The recoding of binary to character data was necessary due to the differences in the two computer systems. The resulting file format is given in Table 5.

Additional tabulations provided information about personnel authorization and assignments for specific ratings by ship class and UIC. A PL-1 program (entitled BDM SHIPS in the appendix) was used for this analysis. Table 6 exemplifies the output produced for each quarter.

TABLE 5. CENTER FOR NAVAL ANALYSIS (CNA) FILE FORMAT

<u>Column(s)</u>	<u>Description</u>
1-9	Social Security Number
10-11	Highest Year of Education
12-13	Marital/Dependents Status
14-15	Test Form
16-17	AFQT (Original MEPCOM)
18	Mental Category (Original MEPCOM)
19-66	Aptitude Area Scores (expanded to three positions for each of the 16 areas)
67-68	Service
69-70	Prior Service
71-72	Waiver Code
73-78	Date of Entry (Year/Month/Date)
79-80	Term of Enlistment
81-85	Enlistment Option Program
86-87	Bonus Option
88-89	Enlistment Option
90-94	Training MOS
95-96	AGQT Percentile (Original Master)
97	Mental Category (Original Master)
98-100	Renorm Flag
101-104	Expiration Term of Service Date (Year/Month)
105-106	Highest Year of Education
107-108	AFQT Percentile
109-110	Paygrade
111-116	Date of Birth (Year/Month/Date)
117-118	Marital Status
119-120	Dependents
121	Sex
122-123	AFQT Group
124-125	Age at Entry
126-127	Present Age
128-130	Rate
131-134	Naval Enlistment Classification (NEC)
135-140	Base Active Service Date (Year/Month/Date)
141-144	Date of Paygrade (Year/Month)
145-148	Date of Latest Enlistment (Year/Month)
149	Regular/Reserve
150-151	Year of Active Duty
152-153	Time in Grade
154-155	VRBM
156-157	Propay
158-159	Score Group
160-162	Last Three Number of Unit Identification Code (UIC)
163-165	Duty Rate
166-169	Duty NEC
170-175	Program Element Code

TABLE 5. CENTER FOR NAVAL ANALYSIS (CNA) FILE FORMAT (CONTINUED)

<u>Column(s)</u>	<u>Description</u>
---record fields to which quarterly data are assigned---	
101-175	Quarterly data for quarter ending 7609
176-250	" " " " " 7612
251-325	" " " " " 7703
326-400	" " " " " 7706
401-475	" " " " " 7709
476-550	" " " " " 7712
551-625	" " " " " 7803
626-700	" " " " " 7806
701-775	" " " " " 7809
776-850	" " " " " 7812
851-925	" " " " " 7903
926-1000	" " " " " 7906
1001-1075	" " " " " 7909
1076-1150	" " " " " 7912
1151-1225	" " " " " 8003
1226-1300	" " " " " 8006
1301-1375	" " " " " 8009
1376-1450	" " " " " 8012
1451-1525	" " " " " 8103
1526-1600	" " " " " 8106
1601-1675	" " " " " 8109
1676-1750	" " " " " 8112
1751-1825	" " " " " 8203
1826-1900	" " " " " 8206
1901-1975	" " " " " 8209
1976-2150	" " " " " 8212
2051-2125	" " " " " 8303

Note: All data elements are coded in character format. The quarterly information in positions 101 to 2125 is the same as that contained in positions 51 to 1400 in Table 4. The data elements shown in positions 101-175 are entered for each quarter (positions 101-175 are entered for the quarter ending 7609).

TABLE 6. AUTHORIZED AND ASSIGNED PERSONNEL BY UNIT
IDENTIFICATION CODE (UIC), DATE AND RATING

SPRUANCE CLASS
QUARTER ENDING 7609

RATING	UIC-674		675		676		677		678		679	
	# Auth	# As- signed	% Manned	# Auth	# As- signed	% Manned	# Auth	# As- signed	% Manned	# Auth	# As- signed	% Manned
BT	35	27	77.1	35	30	85.7	35	26	74.3	31	31	100.0
DS	0	0	0.0	0	0	0.0	0	0	0.0	5	7	140.0
EM	10	8	80.0	9	10	111.1	9	10	111.1	9	8	88.9
EN	2	5	250.0	2	3	150.0	2	3	150.00	2	2	100.0
ET	10	2	20.0	10	2	20.0	10	1	10.0	11	1	9.1
FT	1	1	100.0	1	0	0.0	1	1	100.0	1	0	0.0
FTG	9	4	44.4	10	5	50.0	10	5	50.0	10	5	50.0
FTM	21	19	90.5	19	21	110.5	21	19	90.5	17	19	111.8
GMT	4	2	50.0	4	1	25.0	4	3	75.0	4	2	50.0
HT	9	13	144.4	8	15	187.5	8	11	137.5	8	15	187.5
IC	6	7	116.7	6	5	83.3	5	8	160.0	6	8	133.3
STG	14	7	50.0	12	11	84.6	13	13	100.0	12	12	100.0
TOTAL	121	95	78.5	121	103	88.0	118	100	84.7	116	110	94.8
												117
												98.3

TABLE 6. AUTHORIZED AND ASSIGNED PERSONNEL BY UNIT
IDENTIFICATION CODE (UIC), DATE AND RATING
(CONTINUED)

SPRUANCE CLASS
QUARTER ENDING 7609

RATING	UIC-680		681		682		683		684		685							
	# Auth	# As- signed	% Manned	# Auth	# As- signed	% Manned	# Auth	# As- signed	% Manned	# Auth	# As- signed	% Manned						
BT	34	34	100.0	31	34	109.7	35	36	102.9	35	31	88.6	34	30	88.2	36	28	77.8
DS	0	0	0.0	6	6	100.0	0	0	0.0	0	0	0.0	0	0	0.0	5	0	0.0
EM	9	10	111.1	10	9	90.0	9	9	100.0	9	7	77.8	9	11	122.2	10	9	90.0
EN	2	3	150.0	2	5	250.0	2	5	250.0	2	2	100.0	2	3	150.0	2	4	200.0
ET	10	1	10.0	11	10	9.1	10	0	0.0	10	1	10.0	11	1	9.1	11	2	18.2
FT	1	1	100.0	1	1	100.0	1	0	0.0	1	1	100.0	1	1	100.0	1	1	100.0
FTG	9	5	55.6	10	8	80.0	10	6	60.0	10	6	60.0	10	5	50.0	8	7	87.5
FTM	21	17	81.0	16	13	81.2	21	20	95.2	21	21	100.0	21	17	81.0	17	19	111.8
GMT	4	2	50.0	8	2	25.0	4	3	75.0	4	1	25.0	4	2	50.0	4	2	50.0
HT	8	11	137.5	9	10	111.1	8	12	150.0	8	13	162.5	8	11	137.5	10	15	150.0
IC	6	6	100.0	6	7	116.7	6	6	100.0	6	6	100.0	6	6	100.0	6	7	116.7
STG	13	10	76.9	15	12	80.0	13	10	76.9	12	13	108.3	13	16	123.1	12	11	91.7
TOTAL	117	100	85.5	125	108	86.4	119	107	89.9	118	102	86.4	119	103	86.6	122	105	86.1

TABLE 6. AUTHORIZED AND ASSIGNED PERSONNEL BY UNIT
 IDENTIFICATION CODE (UIC), DATE AND RATING
 (CONTINUED)

SPRUANCE CLASS
 QUARTER ENDING 7609

RATING	UIC-686				687				688				690				691				TOT
	# Auth	# As- signed	% Manned	# Auth	# As- signed	% Manned	# Auth	# As- signed	% Manned	# Auth	# As- signed	% Manned	# Auth	# As- signed	% Manned	# Auth	# As- signed	% Manned			
BT	35	36	102.9	31	31	100.0	35	35	100.0	35	25	71.4	35	31	88.6	783	701	89.5			
DS	5	0	0.0	5	7	140.0	0	0	0.0	0	0	0.0	0	0	0.0	31	25	80.6			
EM	10	9	90.0	9	10	111.1	9	9	100.0	7	9	128.6	9	12	133.3	210	216	102.9			
EN	2	5	250.00	2	6	300.0	2	4	200.0	2	4	200.0	2	6	300.0	46	93	202.2			
ET	11	1	9.1	11	1	9.1	10	1	10.0	10	1	10.0	10	0	0.0	238	25	10.5			
FT	1	1	100.0	1	0	0.0	1	1	100.0	1	2	200.0	1	0	0.0	23	17	73.9			
FTG	8	8	100.0	10	7	70.0	10	5	50.0	10	4	40.0	9	10	111.1	225	146	64.9			
FTM	17	23	135.3	16	18	112.5	21	19	90.5	21	15	71.4	18	20	111.1	450	441	98.0			
GMT	4	2	50.0	4	2	50.0	5	2	40.0	4	2	50.0	4	3	75.0	97	49	50.5			
HT	10	14	140.0	8	14	175.0	8	13	162.5	8	13	162.5	8	13	162.5	192	289	150.5			
IC	6	9	150.0	6	9	150.0	6	7	116.7	6	7	116.7	6	6	100.0	137	161	117.5			
STG	12	14	116.7	12	9	75.0	13	9	69.2	13	7	53.8	13	9	69.2	298	253	84.9			
TOTAL	121	122	100.8	115	114	99.1	120	105	87.5	117	89	76.1	115	110	95.7	2730	2416	88.5			

APPENDIX: SOFTWARE AND PROGRAM DOCUMENTATION

EXTRACT BDM

14 NOV 1984 1:39 PM

```

//MWS#B303 JOB (3420,3F7333),KING,CLASS=K
//*MAIN ORG=RMT01,PROC=29,RINGCFK=NO
//*FORMAT PR,DDNAME=,DEST=RMT01
// EXEC MDACPROC,PROG=EXTRACT,SIZE=500K
//DATA DD UNIT=3400-5,DISP=(OLD,KEEP),
// DSN=HASDD.EDTEN.P8303,VOL=SER=(K05976,K05977)
//OUT DD UNIT=3330V,DISP=(NEW,CATLG,DELETE),
// DC3=(LRECL=150,BLKSIZE=1290,RECFM=FB),
// DSN=HRDC.WHKKXX.FFG.P8303,MVGP=DMDC40,
// SPACE=(CYL,(4,2),RLSE)
//DECIN DD
18,1 = ' ' & (70,5 RANGE '04692' '04695' | 70,5 RANGE '04698' '04699' |
70,5 RANGE '20964' '20969' | 70,5 RANGE '20972' '20979' |
70,5 RANGE '21032' '21034' | 70,5 RANGE '21052' '21059' |
70,5 RANGE '21103' '21110' | 70,5 RANGE '21197' '21201' |
70,5 RANGE '21231' '21236' | 70,5 RANGE '21350' '21352' | 70,5='21028'
/*
//SYSIN DD *
EXTRACT='TRUE',LIST='NONE';
N='FILE' P=1 W=150;
//

```

MATCHMRG BDM

```

//MWS#FFG JOB (3420,3F7333),*KING*,CLASS=F
//*MAIN ORG=RMT01,PROC=20,RINGC+K=NO
//*FORMAT PR,DDNAME=,DEST=RMT01
// EXEC MATCHMRG
//DWMATCH.SYSIN D) *
DCL N='M-SSN' P=1 L=4 T=4;
DCL N='M-RECORD' P=5 L=2650 T=6;
DCL N='M-SSN' P=1 L=4 T=4;
DCL N='MA-MASTER' P=1 L=100 T=6;
DCL N='MA-ASVAB' P=101 L=50 T=6;
DCL N='P-SSN' P=1 L=4 T=4;
DCL N='P-ASVAB' P=5 L=50 T=6;
DCL N='P-ASVMAS' P=5 L=2650 T=6;
DCL N='P-OLDREC' P=55 L=2600 T=6;
DCL N='P-MASTER' P=2655 L=100 T=6;
PARM IN='M,MA',OUT='P' SIZE='26:4,150,2754' KEY='SSN';
TOTAL NOM,NEW,MATCH;
ON (LT,NA) DO;
M-SSN TO P-SSN;
M-RECORD TO P-ASVMAS;
LOW (100) TO P-MASTER;
WRITE (P) FROM-(P);
NOM+1 TO NOM(0,4,4);
END;
ON (NA,LT) DO;
MA-SSN TO P-SSN;
MA-ASVAB TO P-ASVAB;
LOW (2600) TO P-OLDREC;
MA-MASTER TO P-MASTER;
WRITE (P) FROM-(P);
NEW+1 TO NEW(0,4,4);
END;
ON (EQ,EQ) DO;
M-SSN TO P-SSN;
M-RECORD TO P-ASVMAS;
MA-MASTER TO P-MASTER;
WRITE (P) FROM-(P);
MATCH+1 TO MATCH(0,4,4);
END;
//PLI.SYSPRINT D) DUMMY
//GO.M DD UNIT=3400-5,DISP=(OLD,KEEP),
// DSN=FFG.C9212,VOL=SER=K07265
//GO.MA DD UNIT=3330V,DISP=SHR,
// DSN=MRDC.WHKXXX.FFG.P8303
//GO.P DD UNIT=3400-5,DISP=(NEW,KEEP),
// DCB=(LRECL=2754,BLKSIZE=2754,RECFM=FB),
// DSN=FFG.C8303,VOL=SER=K01228
//

```

EXTRACT NPS

```

//MS#D963 JOB (3420,3F7333),KING,CLASS=F
//*MAIN ORG=RMT01,PROC=20,RINGC+K=NO
//*FORMAT PR,DDNAME=,DEST=RMT01
// EXEC M0ACPROC,PROG=EXTRACT,SIZE=1024K
//DATA DD UNIT=3400-5,DISP=OLD,(SN=D0963,C8403,VOL=SER=004877
//OUTT DD DISP=(NEW,KEEP),UNIT=3400-5,
// DCB=(LRECL=2150,BLKSIZE=2150,RECFM=FB),
// DSN=FIRST.EXTRACT,VOL=SER=K(5711
//DECIN DD *
1,1='1' | 1,1='1'
/*
//SYSIN DD *
EXTRACT='TRUE',LIST='NONE';
N='SSN' P=1 W=4;
N='NA' P=8 W=1;
N='ASVAB' P=10 W=45;
N='ETS' P=105 W=2;
N='P11P13' P=65 W=3;
N='DOB' P=69 W=3;
N='MSDEPS' P=76 W=2;
N='SEX' P=81 W=1;
N='P31P40' P=85 W=10;
N='BASD' P=102 W=3;
N='P53P59' P=107 W=7;
N='P61P62' P=115 W=2;
N='UICMOS' P=122 W=17;
N='ETS' P=205 W=2;
N='P11P13' P=165 W=3;
N='DOB' P=169 W=3;
N='MSDEPS' P=176 W=2;
N='SEX' P=181 W=1;
N='P31P40' P=185 W=10;
N='BASD' P=202 W=3;
N='P53P59' P=207 W=7;
N='P61P62' P=215 W=2;
N='UICMOS' P=222 W=17;
N='ETS' P=305 W=2;
N='P11P13' P=265 W=3;
N='DOB' P=269 W=3;
N='MSDEPS' P=276 W=2;
N='SEX' P=281 W=1;
N='P31P40' P=285 W=10;
N='BASD' P=302 W=3;
N='P53P59' P=307 W=7;
N='P61P62' P=315 W=2;
N='UICMOS' P=322 W=17;
N='ETS' P=405 W=2;
N='P11P13' P=365 W=3;
N='DOB' P=369 W=3;
N='MSDEPS' P=376 W=2;
N='SEX' P=381 W=1;
N='P31P40' P=385 W=10;
N='BASD' P=402 W=3;
N='P53P59' P=407 W=7;
N='P61P62' P=415 W=2;
N='UICMOS' P=422 W=17;
N='ETS' P=505 W=2;
N='P11P13' P=465 W=3;
N='DOB' P=469 W=3;
N='MSDEPS' P=476 W=2;
N='SEX' P=481 W=1;
N='P31P40' P=485 W=10;
N='BASD' P=502 W=3;
N='P53P59' P=507 W=7;
N='P61P62' P=515 W=2;
N='UICMOS' P=522 W=17;
N='ETS' P=605 W=2;
N='P11P13' P=565 W=3;
N='DOB' P=569 W=3;
N='MSDEPS' P=576 W=2;
N='SEX' P=581 W=1;
N='P31P40' P=585 W=10;
N='BASD' P=602 W=3;
N='P53P59' P=607 W=7;
N='P61P62' P=615 W=2;
N='UICMOS' P=622 W=17;
N='ETS' P=705 W=2;
N='P11P13' P=665 W=3;

```

EXTRACT MPS

```

N=00B P=669 W=3;
N=MSDEPS P=676 W=2;
N=SEX P=681 W=1;
N=P31P40 P=685 W=10;
N=BASD P=702 W=3;
N=P53P59 P=707 W=7;
N=P61P62 P=715 W=2;
N=UICHOS P=722 W=17;
N=ETS P=805 W=2;
N=P11P13 P=765 W=3;
N=DOB P=769 W=3;
N=MSDEPS P=776 W=2;
N=SEX P=781 W=1;
N=P31P40 P=785 W=10;
N=BASD P=802 W=3;
N=P53P59 P=807 W=7;
N=P61P62 P=815 W=2;
N=UICHOS P=822 W=17;
N=ETS P=905 W=2;
N=P11P13 P=865 W=3;
N=DOB P=869 W=3;
N=MSDEPS P=876 W=2;
N=SEX P=881 W=1;
N=P31P40 P=885 W=10;
N=BASD P=902 W=3;
N=P53P59 P=907 W=7;
N=P61P62 P=915 W=2;
N=UICHOS P=922 W=17;
N=ETS P=1000 W=2;
N=P11P13 P=965 W=3;
N=DOB P=969 W=3;
N=MSDEPS P=976 W=2;
N=SEX P=981 W=1;
N=P31P40 P=985 W=10;
N=BASD P=1002 W=3;
N=P53P59 P=1007 W=7;
N=P61P62 P=1015 W=2;
N=UICHOS P=1022 W=17;
N=ETS P=1105 W=2;
N=P11P13 P=1065 W=3;
N=DOB P=1069 W=3;
N=MSDEPS P=1076 W=2;
N=SEX P=1081 W=1;
N=P31P40 P=1085 W=10;
N=BASD P=1102 W=3;
N=P53P59 P=1107 W=7;
N=P61P62 P=1115 W=2;
N=UICHOS P=1122 W=17;
N=ETS P=1205 W=2;
N=P11P13 P=1165 W=3;
N=DOB P=1169 W=3;
N=MSDEPS P=1176 W=2;
N=SEX P=1181 W=1;
N=P31P40 P=1185 W=10;
N=BASD P=1202 W=3;
N=P53P59 P=1207 W=7;
N=P61P62 P=1215 W=2;
N=UICHOS P=1222 W=17;
N=REST P=1255 W=1500;
/*
// EXEC MDACPROC,PROG=EXTRACT,SIZE=1024K
//DATA DD UNIT=3400-5,DISP=OLD,CSN=FIRST,EXTRACT,VOL=SER=K05711
//OUT DD DISP=(NEW,KEEP),UNIT=3400-5,
// DCB=(LRECL=1650,BLKSIZE=1650,RECFM=FB),
// DSN=SECOND,EXTRACT,VOL=SER=K05712
//DECIN DD *
1,1='1' | 1,1='-1'
/*
//SYSIN DD *
EXTRACT=TRUE,LIST=NONE;
N=FIRST P=1 W=650;
N=ETS P=701 W=2;
N=P11P13 P=661 W=3;
N=DOB P=665 W=3;
N=MSDEPS P=672 W=2;
N=SEX P=677 W=1;
N=P31P40 P=681 W=10;
N=BASD P=698 W=3;

```


EXTRACT MPS

N=P53P59	P=703	W=7
N=P61P62	P=711	W=2
N=UICMOS	P=718	W=17
N=ETS	P=801	W=2
N=P11P13	P=761	W=3
N=DOB	P=765	W=3
N=MSDEPS	P=772	W=2
N=SEX	P=777	W=1
N=P31P40	P=781	W=10
N=BASO	P=798	W=3
N=P53P59	P=803	W=7
N=P61P62	P=811	W=2
N=UICMOS	P=818	W=17
N=ETS	P=901	W=2
N=P11P13	P=861	W=3
N=DOB	P=865	W=3
N=MSDEPS	P=872	W=2
N=SEX	P=877	W=1
N=P31P40	P=881	W=10
N=BASO	P=898	W=3
N=P53P59	P=903	W=7
N=P61P62	P=911	W=2
N=UICMOS	P=918	W=17
N=ETS	P=1001	W=2
N=P11P13	P=961	W=3
N=DOB	P=965	W=3
N=MSDEPS	P=972	W=2
N=SEX	P=977	W=1
N=P31P40	P=981	W=10
N=BASO	P=998	W=3
N=P53P59	P=1003	W=7
N=P61P62	P=1011	W=2
N=UICMOS	P=1018	W=17
N=ETS	P=1101	W=2
N=P11P13	P=1061	W=3
N=DOB	P=1065	W=3
N=MSDEPS	P=1072	W=2
N=SEX	P=1077	W=1
N=P31P40	P=1081	W=10
N=BASO	P=1098	W=3
N=P53P59	P=1103	W=7
N=P61P62	P=1111	W=2
N=UICMOS	P=1118	W=17
N=ETS	P=1201	W=2
N=P11P13	P=1161	W=3
N=DOB	P=1165	W=3
N=MSDEPS	P=1172	W=2
N=SEX	P=1177	W=1
N=P31P40	P=1181	W=10
N=BASO	P=1198	W=3
N=P53P59	P=1203	W=7
N=P61P62	P=1211	W=2
N=UICMOS	P=1218	W=17
N=ETS	P=1301	W=2
N=P11P13	P=1261	W=3
N=DOB	P=1265	W=3
N=MSDEPS	P=1272	W=2
N=SEX	P=1277	W=1
N=P31P40	P=1281	W=10
N=BASO	P=1298	W=3
N=P53P59	P=1303	W=7
N=P61P62	P=1311	W=2
N=UICMOS	P=1318	W=17
N=ETS	P=1401	W=2
N=P11P13	P=1361	W=3
N=DOB	P=1365	W=3
N=MSDEPS	P=1372	W=2
N=SEX	P=1377	W=1
N=P31P40	P=1381	W=10
N=BASO	P=1398	W=3
N=P53P59	P=1403	W=7
N=P61P62	P=1411	W=2
N=UICMOS	P=1418	W=17
N=ETS	P=1501	W=2
N=P11P13	P=1461	W=3
N=DOB	P=1465	W=3
N=MSDEPS	P=1472	W=2
N=SEX	P=1477	W=1

EXTRACT NPS

```

N=*P31P40*      P=1481 W=10;
N=*BASD*        P=1498 W=3;
N=*P53P59*     P=1503 W=7;
N=*P61P62*     P=1511 W=2;
N=*UICMOS*     P=1518 W=17;
N=*ETS*        P=1601 W=2;
N=*P11P13*     P=1561 W=3;
N=*DOB*        P=1565 W=3;
N=*MSDEPS*     P=1572 W=2;
N=*SEX*        P=1577 W=1;
N=*P31P40*     P=1581 W=10;
N=*BASD*        P=1598 W=3;
N=*P53P59*     P=1603 W=7;
N=*P61P62*     P=1611 W=2;
N=*UICMOS*     P=1618 W=17;
N=*REST*       P=1651 W=500;
/*
// EXEC M0ACPROC, PROG=EXTRACT, SIZE=1024K
// DATA DD UNIT=3400-5, DISP=OLD, LSN=SECOND.EXTRACT, VOL=SER=K05712
// OUTT DD DISP=(NEW,KEEP), UNIT=3400-5,
// DCB=(LRECL=1400, BLKSIZE=1400, RECFM=FB),
// DSN=DD963.C8403, VOL=SER=K07456
// DECIN DD *
1,1='1' | 1,1='1'
/*
//SYSIN DD
EXTRACT=*TRUE*, LIST=*NONE* ;
N=*SECOND*     P=1 W=1150;
N=*ETS*        P=1201 W=2;
N=*P11P13*     P=1161 W=3;
N=*DOB*        P=1165 W=3;
N=*MSDEPS*     P=1172 W=2;
N=*SEX*        P=1177 W=1;
N=*P31P40*     P=1181 W=10;
N=*BASD*        P=1198 W=3;
N=*P53P59*     P=1203 W=7;
N=*P61P62*     P=1211 W=2;
N=*UICMOS*     P=1218 W=17;
N=*ETS*        P=1301 W=2;
N=*P11P13*     P=1261 W=3;
N=*DOB*        P=1265 W=3;
N=*MSDEPS*     P=1272 W=2;
N=*SEX*        P=1277 W=1;
N=*P31P40*     P=1281 W=10;
N=*BASD*        P=1298 W=3;
N=*P53P59*     P=1303 W=7;
N=*P61P62*     P=1311 W=2;
N=*UICMOS*     P=1318 W=17;
N=*ETS*        P=1401 W=2;
N=*P11P13*     P=1361 W=3;
N=*DOB*        P=1365 W=3;
N=*MSDEPS*     P=1372 W=2;
N=*SEX*        P=1377 W=1;
N=*P31P40*     P=1381 W=10;
N=*BASD*        P=1398 W=3;
N=*P53P59*     P=1403 W=7;
N=*P61P62*     P=1411 W=2;
N=*UICMOS*     P=1418 W=17;
N=*ETS*        P=1501 W=2;
N=*P11P13*     P=1461 W=3;
N=*DOB*        P=1465 W=3;
N=*MSDEPS*     P=1472 W=2;
N=*SEX*        P=1477 W=1;
N=*P31P40*     P=1481 W=10;
N=*BASD*        P=1498 W=3;
N=*P53P59*     P=1503 W=7;
N=*P61P62*     P=1511 W=2;
N=*UICMOS*     P=1518 W=17;
N=*ETS*        P=1601 W=2;
N=*P11P13*     P=1561 W=3;
N=*DOB*        P=1565 W=3;
N=*MSDEPS*     P=1572 W=2;
N=*SEX*        P=1577 W=1;
N=*P31P40*     P=1581 W=10;
N=*BASD*        P=1598 W=3;
N=*P53P59*     P=1603 W=7;
N=*P61P62*     P=1611 W=2;
N=*UICMOS*     P=1618 W=17;

```

EXRECODE CNA

```

//MWS#CNA JOB (3420,3F7333),*KING*,CLASS=G
//*FORMAT PR,DDNAME=,DEST=RMT01
//*MAIN PROC=20,RINGCHK=NO,ORG=FMTO1,LINES=20
// EXEC EXRECODE,REGION=1024K
//DWE XTR,SYSDIN DD *
DCL N='SSN' P=1 L=4 T=4;
DCL N='HYEC' P=5 L=1 T=2;
DCL N='MSDEPS' P=7 L=1 T=2;
DCL N='FORM' P=8 L=1 T=2;
DCL N='AFQT' P=9 L=1 T=2;
DCL N='MCAT' P=10 L=1 T=2;
DCL N='TSCR1' P=11 L=1 T=2;
DCL N='TSCR2' P=12 L=1 T=2;
DCL N='TSCR3' P=13 L=1 T=2;
DCL N='TSCR4' P=14 L=1 T=2;
DCL N='TSCR5' P=15 L=1 T=2;
DCL N='TSCR6' P=16 L=1 T=2;
DCL N='TSCR7' P=17 L=1 T=2;
DCL N='TSCR8' P=18 L=1 T=2;
DCL N='TSCR9' P=19 L=1 T=2;
DCL N='TSCR10' P=20 L=1 T=2;
DCL N='TSCR11' P=21 L=1 T=2;
DCL N='TSCR12' P=22 L=1 T=2;
DCL N='TSCR13' P=23 L=1 T=2;
DCL N='TSCR14' P=24 L=1 T=2;
DCL N='TSCR15' P=25 L=1 T=2;
DCL N='TSCR16' P=26 L=1 T=2;
DCL N='SERVICE' P=27 L=1 T=2;
DCL N='PRISVC' P=28 L=1 T=2;
DCL N='WATVER' P=29 L=1 T=2;
DCL N='DOEY' P=30 L=1 T=2;
DCL N='DOEM' P=31 L=1 T=2;
DCL N='DOED' P=32 L=1 T=2;
DCL N='TOENL' P=33 L=1 T=2;
DCL N='ENLOPT' P=34 L=5 T=6;
DCL N='BONUS' P=39 L=1 T=2;
DCL N='OPTION' P=40 L=1 T=2;
DCL N='TRAIN' P=41 L=5 T=6;
DCL N='RAFQT' P=46 L=1 T=2;
DCL N='RHNTCAT' P=47 L=1 T=2;
DCL N='RENORMF' P=48 L=1 T=2;
DCL N='ETSY01' P=51 L=1 T=2;
DCL N='ETSM01' P=52 L=1 T=2;
DCL N='HYEC01' P=53 L=1 T=2;
DCL N='AFQT01' P=54 L=1 T=2;
DCL N='PG01' P=55 L=1 T=2;
DCL N='DOBY01' P=56 L=1 T=2;
DCL N='DOBM01' P=57 L=1 T=2;
DCL N='DOBD01' P=58 L=1 T=2;
DCL N='MSJ1' P=59 L=1 T=2;
DCL N='DEPS01' P=60 L=1 T=2;
DCL N='SEX01' P=61 L=1 T=2;
DCL N='AFQTG01' P=62 L=1 T=2;
DCL N='EAGE01' P=63 L=1 T=2;
DCL N='PAGE01' P=64 L=1 T=2;
DCL N='RTNEC01' P=65 L=7 T=6;
DCL N='BASDY01' P=72 L=1 T=2;
DCL N='BASDM01' P=73 L=1 T=2;
DCL N='BASDD01' P=74 L=1 T=2;
DCL N='DOPGY01' P=75 L=1 T=2;
DCL N='DOPGM01' P=76 L=1 T=2;
DCL N='DOLEY01' P=77 L=1 T=2;
DCL N='DOLEM01' P=78 L=1 T=2;
DCL N='REGRS01' P=79 L=1 T=2;
DCL N='YADTY01' P=80 L=1 T=2;
DCL N='TIG01' P=81 L=1 T=2;
DCL N='VRB01' P=82 L=1 T=2;
DCL N='PROPY01' P=83 L=1 T=2;
DCL N='SCGRP01' P=84 L=1 T=2;
DCL N='REST01' P=85 L=16 T=6;
DCL N='ETSY02' P=101 L=1 T=2;
DCL N='ETSM02' P=102 L=1 T=2;
DCL N='HYEC02' P=103 L=1 T=2;
DCL N='AFQT02' P=104 L=1 T=2;
DCL N='PG12' P=105 L=1 T=2;
DCL N='DOBY02' P=106 L=1 T=2;
DCL N='DOBM02' P=107 L=1 T=2;
DCL N='DOBD02' P=108 L=1 T=2;

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EXR CODE CNA

DCL	N='MSO2'	P=109	L=1	T=2
OCL	N='DEPSO2'	P=110	L=1	T=2
OCL	N='SEXO2'	P=111	L=1	T=2
OCL	N='AFQTG02'	P=112	L=1	T=2
OCL	N='PAGE02'	P=113	L=1	T=2
OCL	N='PAGE02'	P=114	L=1	T=2
OCL	N='RTNEC02'	P=115	L=7	T=6
OCL	N='BASDY02'	P=122	L=1	T=2
OCL	N='BASOM02'	P=123	L=1	T=2
OCL	N='BASOD02'	P=124	L=1	T=2
OCL	N='DOPGY02'	P=125	L=1	T=2
OCL	N='DOPGM02'	P=126	L=1	T=2
OCL	N='DOLEY02'	P=127	L=1	T=2
OCL	N='DOLEM02'	P=128	L=1	T=2
OCL	N='REGRS02'	P=129	L=1	T=2
OCL	N='YADTY02'	P=130	L=1	T=2
OCL	N='TIG02'	P=131	L=1	T=2
OCL	N='VRBM02'	P=132	L=1	T=2
OCL	N='PROPY02'	P=133	L=1	T=2
OCL	N='SCGRP02'	P=134	L=1	T=2
OCL	N='REST02'	P=135	L=16	T=6
OCL	N='ETSY03'	P=151	L=1	T=2
OCL	N='ETSM03'	P=152	L=1	T=2
OCL	N='HYECO3'	P=153	L=1	T=2
OCL	N='AFQTO3'	P=154	L=1	T=2
OCL	N='PGO3'	P=155	L=1	T=2
OCL	N='DOBYO3'	P=156	L=1	T=2
OCL	N='OORMO3'	P=157	L=1	T=2
OCL	N='OORDO3'	P=158	L=1	T=2
OCL	N='MSO3'	P=159	L=1	T=2
OCL	N='DEPSO3'	P=160	L=1	T=2
OCL	N='SEXO3'	P=161	L=1	T=2
OCL	N='AFQTG03'	P=162	L=1	T=2
OCL	N='PAGE03'	P=163	L=1	T=2
OCL	N='PAGE03'	P=164	L=1	T=2
OCL	N='RTNEC03'	P=165	L=7	T=6
OCL	N='BASDY03'	P=172	L=1	T=2
OCL	N='BASOM03'	P=173	L=1	T=2
OCL	N='BASOD03'	P=174	L=1	T=2
OCL	N='DOPGY03'	P=175	L=1	T=2
OCL	N='DOPGM03'	P=176	L=1	T=2
OCL	N='DOLEY03'	P=177	L=1	T=2
OCL	N='DOLEM03'	P=178	L=1	T=2
OCL	N='REGRS03'	P=179	L=1	T=2
OCL	N='YADTY03'	P=180	L=1	T=2
OCL	N='TIG03'	P=181	L=1	T=2
OCL	N='VRBM03'	P=182	L=1	T=2
OCL	N='PROPY03'	P=183	L=1	T=2
OCL	N='SCGRP03'	P=184	L=1	T=2
OCL	N='REST03'	P=185	L=16	T=6
OCL	N='ETSY04'	P=201	L=1	T=2
OCL	N='ETSM04'	P=202	L=1	T=2
OCL	N='HYECO4'	P=203	L=1	T=2
OCL	N='AFQTO4'	P=204	L=1	T=2
OCL	N='PGO4'	P=205	L=1	T=2
OCL	N='DOBYO4'	P=206	L=1	T=2
OCL	N='OORMO4'	P=207	L=1	T=2
OCL	N='OORDO4'	P=208	L=1	T=2
OCL	N='MSO4'	P=209	L=1	T=2
OCL	N='DEPSO4'	P=210	L=1	T=2
OCL	N='SEXO4'	P=211	L=1	T=2
OCL	N='AFQTG04'	P=212	L=1	T=2
OCL	N='PAGE04'	P=213	L=1	T=2
OCL	N='PAGE04'	P=214	L=1	T=2
OCL	N='RTNEC04'	P=215	L=7	T=6
OCL	N='BASDY04'	P=222	L=1	T=2
OCL	N='BASOM04'	P=223	L=1	T=2
OCL	N='BASOD04'	P=224	L=1	T=2
OCL	N='DOPGY04'	P=225	L=1	T=2
OCL	N='DOPGM04'	P=226	L=1	T=2
OCL	N='DOLEY04'	P=227	L=1	T=2
OCL	N='DOLEM04'	P=228	L=1	T=2
OCL	N='REGRS04'	P=229	L=1	T=2
OCL	N='YADTY04'	P=230	L=1	T=2
OCL	N='TIG04'	P=231	L=1	T=2
OCL	N='VRBM04'	P=232	L=1	T=2
OCL	N='PROPY04'	P=233	L=1	T=2
OCL	N='SCGRP04'	P=234	L=1	T=2

EX FE CODE CNA

OCL	N='REST04'	P=235	L=16	T=6
OCL	N='ETSY05'	P=251	L=1	T=2
OCL	N='ETSM05'	P=252	L=1	T=2
OCL	N='HYEC05'	P=253	L=1	T=2
OCL	N='AFQT05'	P=254	L=1	T=2
OCL	N='PGJ5'	P=255	L=1	T=2
OCL	N='DOB905'	P=256	L=1	T=2
OCL	N='DOB805'	P=257	L=1	T=2
OCL	N='DOB005'	P=258	L=1	T=2
OCL	N='MS05'	P=259	L=1	T=2
OCL	N='DEPS05'	P=260	L=1	T=2
OCL	N='SEX05'	P=261	L=1	T=2
OCL	N='AFQT605'	P=262	L=1	T=2
OCL	N='EAGE05'	P=263	L=1	T=2
OCL	N='PAGE05'	P=264	L=1	T=2
OCL	N='RTNEC05'	P=265	L=7	T=6
OCL	N='BASDY05'	P=272	L=1	T=2
OCL	N='BASDM05'	P=273	L=1	T=2
OCL	N='BASOD05'	P=274	L=1	T=2
OCL	N='DOPGY05'	P=275	L=1	T=2
OCL	N='DOPGM05'	P=276	L=1	T=2
OCL	N='DOLEY05'	P=277	L=1	T=2
OCL	N='DOLEM05'	P=278	L=1	T=2
OCL	N='REGRS05'	P=279	L=1	T=2
OCL	N='YADTY05'	P=280	L=1	T=2
OCL	N='TIG05'	P=281	L=1	T=2
OCL	N='VRRM05'	P=282	L=1	T=2
OCL	N='PROPY05'	P=283	L=1	T=2
OCL	N='SCGRP05'	P=284	L=1	T=2
OCL	N='REST05'	P=285	L=16	T=6
OCL	N='ETSY06'	P=301	L=1	T=2
OCL	N='ETSM06'	P=302	L=1	T=2
OCL	N='HYEC06'	P=303	L=1	T=2
OCL	N='AFQT06'	P=304	L=1	T=2
OCL	N='PG06'	P=305	L=1	T=2
OCL	N='DOB906'	P=306	L=1	T=2
OCL	N='DOB806'	P=307	L=1	T=2
OCL	N='DOB006'	P=308	L=1	T=2
OCL	N='MS06'	P=309	L=1	T=2
OCL	N='DEPS06'	P=310	L=1	T=2
OCL	N='SEX06'	P=311	L=1	T=2
OCL	N='AFQT606'	P=312	L=1	T=2
OCL	N='EAGE06'	P=313	L=1	T=2
OCL	N='PAGE06'	P=314	L=1	T=2
OCL	N='RTNEC06'	P=315	L=7	T=6
OCL	N='BASDY06'	P=322	L=1	T=2
OCL	N='BASDM06'	P=323	L=1	T=2
OCL	N='BASOD06'	P=324	L=1	T=2
OCL	N='DOPGY06'	P=325	L=1	T=2
OCL	N='DOPGM06'	P=326	L=1	T=2
OCL	N='DOLEY06'	P=327	L=1	T=2
OCL	N='DOLEM06'	P=328	L=1	T=2
OCL	N='REGRS06'	P=329	L=1	T=2
OCL	N='YADTY06'	P=330	L=1	T=2
OCL	N='TIG06'	P=331	L=1	T=2
OCL	N='VRRM06'	P=332	L=1	T=2
OCL	N='PROPY06'	P=333	L=1	T=2
OCL	N='SCGRP06'	P=334	L=1	T=2
OCL	N='REST06'	P=335	L=16	T=6
OCL	N='ETSY07'	P=351	L=1	T=2
OCL	N='ETSM07'	P=352	L=1	T=2
OCL	N='HYEC07'	P=353	L=1	T=2
OCL	N='AFQT07'	P=354	L=1	T=2
OCL	N='PG07'	P=355	L=1	T=2
OCL	N='DOB907'	P=356	L=1	T=2
OCL	N='DOB807'	P=357	L=1	T=2
OCL	N='DOB007'	P=358	L=1	T=2
OCL	N='MS07'	P=359	L=1	T=2
OCL	N='DEPS07'	P=360	L=1	T=2
OCL	N='SEX07'	P=361	L=1	T=2
OCL	N='AFQT607'	P=362	L=1	T=2
OCL	N='EAGE07'	P=363	L=1	T=2
OCL	N='PAGE07'	P=364	L=1	T=2
OCL	N='RTNEC07'	P=365	L=7	T=6
OCL	N='BASDY07'	P=372	L=1	T=2
OCL	N='BASDM07'	P=373	L=1	T=2
OCL	N='BASOD07'	P=374	L=1	T=2
OCL	N='DOPGY07'	P=375	L=1	T=2

EXRECODE CNA

DCL	N='00PGM07'	P=376	L=1	T=2
DCL	N='D0LEY07'	P=377	L=1	T=2
DCL	N='D0LEM07'	P=378	L=1	T=2
DCL	N='REGRS07'	P=379	L=1	T=2
DCL	N='YADTY07'	P=380	L=1	T=2
DCL	N='TIG07'	P=381	L=1	T=2
DCL	N='VRBM07'	P=382	L=1	T=2
DCL	N='PROPY07'	P=383	L=1	T=2
DCL	N='SCGRP07'	P=384	L=1	T=2
DCL	N='REST07'	P=385	L=16	T=6
DCL	N='ETSY08'	P=401	L=1	T=2
DCL	N='ETSM08'	P=402	L=1	T=2
DCL	N='HYEC08'	P=403	L=1	T=2
DCL	N='AFQT08'	P=404	L=1	T=2
DCL	N='PG08'	P=405	L=1	T=2
DCL	N='D0BY08'	P=406	L=1	T=2
DCL	N='D0BM08'	P=407	L=1	T=2
DCL	N='D0BD08'	P=408	L=1	T=2
DCL	N='MS08'	P=409	L=1	T=2
DCL	N='DEPS08'	P=410	L=1	T=2
DCL	N='SEX08'	P=411	L=1	T=2
DCL	N='AFQTG08'	P=412	L=1	T=2
DCL	N='EAGE08'	P=413	L=1	T=2
DCL	N='PAGE08'	P=414	L=1	T=2
DCL	N='RTNEC08'	P=415	L=7	T=6
DCL	N='BASDY08'	P=422	L=1	T=2
DCL	N='BASDM08'	P=423	L=1	T=2
DCL	N='BASDD08'	P=424	L=1	T=2
DCL	N='DOPGY08'	P=425	L=1	T=2
DCL	N='DOPGM08'	P=426	L=1	T=2
DCL	N='D0LEY08'	P=427	L=1	T=2
DCL	N='D0LEM08'	P=428	L=1	T=2
DCL	N='REGRS08'	P=429	L=1	T=2
DCL	N='YADTY08'	P=430	L=1	T=2
DCL	N='TIG08'	P=431	L=1	T=2
DCL	N='VRBM08'	P=432	L=1	T=2
DCL	N='PROPY08'	P=433	L=1	T=2
DCL	N='SCGRP08'	P=434	L=1	T=2
DCL	N='REST08'	P=435	L=16	T=6
DCL	N='ETSY09'	P=451	L=1	T=2
DCL	N='ETSM09'	P=452	L=1	T=2
DCL	N='HYEC09'	P=453	L=1	T=2
DCL	N='AFQT09'	P=454	L=1	T=2
DCL	N='PG09'	P=455	L=1	T=2
DCL	N='D0BY09'	P=456	L=1	T=2
DCL	N='D0BM09'	P=457	L=1	T=2
DCL	N='D0BD09'	P=458	L=1	T=2
DCL	N='MS09'	P=459	L=1	T=2
DCL	N='DEPS09'	P=460	L=1	T=2
DCL	N='SEX09'	P=461	L=1	T=2
DCL	N='AFQTG09'	P=462	L=1	T=2
DCL	N='EAGE09'	P=463	L=1	T=2
DCL	N='PAGE09'	P=464	L=1	T=2
DCL	N='RTNEC09'	P=465	L=7	T=6
DCL	N='BASDY09'	P=472	L=1	T=2
DCL	N='BASDM09'	P=473	L=1	T=2
DCL	N='BASDD09'	P=474	L=1	T=2
DCL	N='DOPGY09'	P=475	L=1	T=2
DCL	N='DOPGM09'	P=476	L=1	T=2
DCL	N='D0LEY09'	P=477	L=1	T=2
DCL	N='D0LEM09'	P=478	L=1	T=2
DCL	N='REGRS09'	P=479	L=1	T=2
DCL	N='YADTY09'	P=580	L=1	T=2
DCL	N='TIG09'	P=581	L=1	T=2
DCL	N='VRBM09'	P=582	L=1	T=2
DCL	N='PROPY09'	P=583	L=1	T=2
DCL	N='SCGRP09'	P=584	L=1	T=2
DCL	N='REST09'	P=585	L=16	T=6
DCL	N='ETSY10'	P=501	L=1	T=2
DCL	N='ETSM10'	P=502	L=1	T=2
DCL	N='HYEC10'	P=503	L=1	T=2
DCL	N='AFQT10'	P=504	L=1	T=2
DCL	N='PG10'	P=505	L=1	T=2
DCL	N='D0BY10'	P=506	L=1	T=2
DCL	N='D0BM10'	P=507	L=1	T=2
DCL	N='D0BD10'	P=508	L=1	T=2
DCL	N='MS10'	P=509	L=1	T=2
DCL	N='DEPS10'	P=510	L=1	T=2

EXFECODE CNA

DCL	N='SEX10'	P=511	L=1	T=2
DCL	N='AFQTG10'	P=512	L=1	T=2
DCL	N='EAGE10'	P=513	L=1	T=2
DCL	N='PAGE10'	P=514	L=1	T=2
DCL	N='RTNEC10'	P=515	L=7	T=6
DCL	N='BASDY10'	P=522	L=1	T=2
DCL	N='BASDM10'	P=523	L=1	T=2
DCL	N='BASDD10'	P=524	L=1	T=2
DCL	N='DOPGY10'	P=525	L=1	T=2
DCL	N='DOPGM10'	P=526	L=1	T=2
DCL	N='DOLEY10'	P=527	L=1	T=2
DCL	N='DOLEM10'	P=528	L=1	T=2
DCL	N='REGRS10'	P=529	L=1	T=2
DCL	N='YADTY10'	P=530	L=1	T=2
DCL	N='TIG10'	P=531	L=1	T=2
DCL	N='VRBM10'	P=532	L=1	T=2
DCL	N='PROPY10'	P=533	L=1	T=2
DCL	N='SCGRP10'	P=534	L=1	T=2
DCL	N='REST10'	P=535	L=16	T=6
DCL	N='ETSY11'	P=551	L=1	T=2
DCL	N='ETSM11'	P=552	L=1	T=2
DCL	N='HYEC11'	P=553	L=1	T=2
DCL	N='AFQT11'	P=554	L=1	T=2
DCL	N='PG11'	P=555	L=1	T=2
DCL	N='DOB Y11'	P=556	L=1	T=2
DCL	N='DOB M11'	P=557	L=1	T=2
DCL	N='DOB O11'	P=558	L=1	T=2
DCL	N='MS11'	P=559	L=1	T=2
DCL	N='O'PS11'	P=560	L=1	T=2
DCL	N='SEX11'	P=561	L=1	T=2
DCL	N='AFQTG11'	P=562	L=1	T=2
DCL	N='EAGE11'	P=563	L=1	T=2
DCL	N='PAGE11'	P=564	L=1	T=2
DCL	N='RTNEC11'	P=565	L=7	T=6
DCL	N='BASDY11'	P=572	L=1	T=2
DCL	N='BASDM11'	P=573	L=1	T=2
DCL	N='BASDD11'	P=574	L=1	T=2
DCL	N='DOPGY11'	P=575	L=1	T=2
DCL	N='DOPGM11'	P=576	L=1	T=2
DCL	N='DOLEY11'	P=577	L=1	T=2
DCL	N='DOLEM11'	P=578	L=1	T=2
DCL	N='REGRS11'	P=579	L=1	T=2
DCL	N='YADTY11'	P=580	L=1	T=2
DCL	N='TIG11'	P=581	L=1	T=2
DCL	N='VRBM11'	P=582	L=1	T=2
DCL	N='PROPY11'	P=583	L=1	T=2
DCL	N='SCGRP11'	P=584	L=1	T=2
DCL	N='REST11'	P=585	L=16	T=6
DCL	N='ETSY12'	P=601	L=1	T=2
DCL	N='ETSM12'	P=602	L=1	T=2
DCL	N='HYEC12'	P=603	L=1	T=2
DCL	N='AFQT12'	P=604	L=1	T=2
DCL	N='PG12'	P=605	L=1	T=2
DCL	N='DOB Y12'	P=606	L=1	T=2
DCL	N='DOB M12'	P=607	L=1	T=2
DCL	N='DOB O12'	P=608	L=1	T=2
DCL	N='MS12'	P=609	L=1	T=2
DCL	N='O'PS12'	P=610	L=1	T=2
DCL	N='SEX12'	P=611	L=1	T=2
DCL	N='AFQTG12'	P=612	L=1	T=2
DCL	N='EAGE12'	P=613	L=1	T=2
DCL	N='PAGE12'	P=614	L=1	T=2
DCL	N='RTNEC12'	P=615	L=7	T=6
DCL	N='BASDY12'	P=622	L=1	T=2
DCL	N='BASDM12'	P=623	L=1	T=2
DCL	N='BASDD12'	P=624	L=1	T=2
DCL	N='DOPGY12'	P=625	L=1	T=2
DCL	N='DOPGM12'	P=626	L=1	T=2
DCL	N='DOLEY12'	P=627	L=1	T=2
DCL	N='DOLEM12'	P=628	L=1	T=2
DCL	N='REGRS12'	P=629	L=1	T=2
DCL	N='YADTY12'	P=630	L=1	T=2
DCL	N='TIG12'	P=631	L=1	T=2
DCL	N='VRBM12'	P=632	L=1	T=2
DCL	N='PROPY12'	P=633	L=1	T=2
DCL	N='SCGRP12'	P=634	L=1	T=2
DCL	N='REST12'	P=635	L=16	T=6
DCL	N='ETSY13'	P=651	L=1	T=2

EXFECODE CNA

DCL	N='ETSM13'	P=652	L=1	T=2;
DCL	N='HYEC13'	P=653	L=1	T=2;
DCL	N='AFQT13'	P=654	L=1	T=2;
DCL	N='PG13'	P=655	L=1	T=2;
DCL	N='DOBY13'	P=656	L=1	T=2;
DCL	N='DOBM13'	P=657	L=1	T=2;
DCL	N='DOB13'	P=658	L=1	T=2;
DCL	N='MS13'	P=659	L=1	T=2;
DCL	N='DEPS13'	P=660	L=1	T=2;
DCL	N='SEX13'	P=661	L=1	T=2;
DCL	N='AFQTG13'	P=662	L=1	T=2;
DCL	N='EAGE13'	P=663	L=1	T=2;
DCL	N='PAGE13'	P=664	L=1	T=2;
DCL	N='RTNEC13'	P=665	L=7	T=6;
DCL	N='BASDY13'	P=672	L=1	T=2;
DCL	N='BASDM13'	P=673	L=1	T=2;
DCL	N='BASDD13'	P=674	L=1	T=2;
DCL	N='DOPGY13'	P=675	L=1	T=2;
DCL	N='DOPGM13'	P=676	L=1	T=2;
DCL	N='DOLEY13'	P=677	L=1	T=2;
DCL	N='DOLEM13'	P=678	L=1	T=2;
DCL	N='REGRS13'	P=679	L=1	T=2;
DCL	N='YADTY13'	P=680	L=1	T=2;
DCL	N='TIG13'	P=681	L=1	T=2;
DCL	N='VRBM13'	P=682	L=1	T=2;
DCL	N='PROPY13'	P=683	L=1	T=2;
DCL	N='SCGRP13'	P=684	L=1	T=2;
DCL	N='REST13'	P=685	L=16	T=6;
DCL	N='ETSY14'	P=701	L=1	T=2;
DCL	N='ETSM14'	P=702	L=1	T=2;
DCL	N='HYEC14'	P=703	L=1	T=2;
DCL	N='AFQT14'	P=704	L=1	T=2;
DCL	N='PG14'	P=705	L=1	T=2;
DCL	N='DOBY14'	P=706	L=1	T=2;
DCL	N='DOBM14'	P=707	L=1	T=2;
DCL	N='DOB14'	P=708	L=1	T=2;
DCL	N='MS14'	P=709	L=1	T=2;
DCL	N='DEPS14'	P=710	L=1	T=2;
DCL	N='SEX14'	P=711	L=1	T=2;
DCL	N='AFQTG14'	P=712	L=1	T=2;
DCL	N='EAGE14'	P=713	L=1	T=2;
DCL	N='PAGE14'	P=714	L=1	T=2;
DCL	N='RTNEC14'	P=715	L=7	T=6;
DCL	N='BASDY14'	P=722	L=1	T=2;
DCL	N='BASDM14'	P=723	L=1	T=2;
DCL	N='BASDD14'	P=724	L=1	T=2;
DCL	N='DOPGY14'	P=725	L=1	T=2;
DCL	N='DOPGM14'	P=726	L=1	T=2;
DCL	N='DOLEY14'	P=727	L=1	T=2;
DCL	N='DOLEM14'	P=728	L=1	T=2;
DCL	N='REGRS14'	P=729	L=1	T=2;
DCL	N='YADTY14'	P=730	L=1	T=2;
DCL	N='TIG14'	P=731	L=1	T=2;
DCL	N='VRBM14'	P=732	L=1	T=2;
DCL	N='PROPY14'	P=733	L=1	T=2;
DCL	N='SCGRP14'	P=734	L=1	T=2;
DCL	N='REST14'	P=735	L=16	T=6;
DCL	N='ETSY15'	P=751	L=1	T=2;
DCL	N='ETSM15'	P=752	L=1	T=2;
DCL	N='HYEC15'	P=753	L=1	T=2;
DCL	N='AFQT15'	P=754	L=1	T=2;
DCL	N='PG15'	P=755	L=1	T=2;
DCL	N='DOBY15'	P=756	L=1	T=2;
DCL	N='DOBM15'	P=757	L=1	T=2;
DCL	N='DOB15'	P=758	L=1	T=2;
DCL	N='MS15'	P=759	L=1	T=2;
DCL	N='DEPS15'	P=760	L=1	T=2;
DCL	N='SEX15'	P=761	L=1	T=2;
DCL	N='AFQTG15'	P=762	L=1	T=2;
DCL	N='EAGE15'	P=763	L=1	T=2;
DCL	N='PAGE15'	P=764	L=1	T=2;
DCL	N='RTNEC15'	P=765	L=7	T=6;
DCL	N='BASDY15'	P=772	L=1	T=2;
DCL	N='BASDM15'	P=773	L=1	T=2;
DCL	N='BASDD15'	P=774	L=1	T=2;
DCL	N='DOPGY15'	P=775	L=1	T=2;
DCL	N='DOPGM15'	P=776	L=1	T=2;
DCL	N='DOLEY15'	P=777	L=1	T=2;

EXFECODE CNA

DCL	N='DOLEM15'	P=778	L=1	T=2
DCL	N='REGRS15'	P=779	L=1	T=2
DCL	N='YAOTY15'	P=780	L=1	T=2
DCL	N='TIG15'	P=781	L=1	T=2
DCL	N='VRRM15'	P=782	L=1	T=2
DCL	N='PROPY15'	P=783	L=1	T=2
DCL	N='SCGRP15'	P=784	L=1	T=2
DCL	N='REST15'	P=785	L=16	T=6
DCL	N='ETSY16'	P=801	L=1	T=2
DCL	N='ETSM16'	P=802	L=1	T=2
DCL	N='HYEC16'	P=803	L=1	T=2
DCL	N='AFQT16'	P=804	L=1	T=2
DCL	N='PG16'	P=805	L=1	T=2
DCL	N='DOBY16'	P=806	L=1	T=2
DCL	N='DOBM16'	P=807	L=1	T=2
DCL	N='DOBD16'	P=808	L=1	T=2
DCL	N='MS16'	P=809	L=1	T=2
DCL	N='DEPS16'	P=810	L=1	T=2
DCL	N='SEX16'	P=811	L=1	T=2
DCL	N='AFQTG16'	P=812	L=1	T=2
DCL	N='EAGE16'	P=813	L=1	T=2
DCL	N='PAGE16'	P=814	L=1	T=2
DCL	N='RTNEC16'	P=815	L=7	T=6
DCL	N='BASDY16'	P=822	L=1	T=2
DCL	N='BASOM16'	P=823	L=1	T=2
DCL	N='BASOD16'	P=824	L=1	T=2
DCL	N='DOPGY16'	P=825	L=1	T=2
DCL	N='DOPGM16'	P=826	L=1	T=2
DCL	N='DOLEY16'	P=827	L=1	T=2
DCL	N='DOLEM16'	P=828	L=1	T=2
DCL	N='REGRS16'	P=829	L=1	T=2
DCL	N='YAOTY16'	P=830	L=1	T=2
DCL	N='TIG16'	P=831	L=1	T=2
DCL	N='VRRM16'	P=832	L=1	T=2
DCL	N='PROPY16'	P=833	L=1	T=2
DCL	N='SCGRP16'	P=834	L=1	T=2
DCL	N='REST16'	P=835	L=16	T=6
DCL	N='ETSY17'	P=851	L=1	T=2
DCL	N='ETSM17'	P=852	L=1	T=2
DCL	N='HYEC17'	P=853	L=1	T=2
DCL	N='AFQT17'	P=854	L=1	T=2
DCL	N='PG17'	P=855	L=1	T=2
DCL	N='DOBY17'	P=856	L=1	T=2
DCL	N='DOBM17'	P=857	L=1	T=2
DCL	N='DOBD17'	P=858	L=1	T=2
DCL	N='MS17'	P=859	L=1	T=2
DCL	N='DEPS17'	P=860	L=1	T=2
DCL	N='SEX17'	P=861	L=1	T=2
DCL	N='AFQTG17'	P=862	L=1	T=2
DCL	N='EAGE17'	P=863	L=1	T=2
DCL	N='PAGE17'	P=864	L=1	T=2
DCL	N='RTNEC17'	P=865	L=7	T=6
DCL	N='BASDY17'	P=872	L=1	T=2
DCL	N='BASOM17'	P=873	L=1	T=2
DCL	N='BASOD17'	P=874	L=1	T=2
DCL	N='DOPGY17'	P=875	L=1	T=2
DCL	N='DOPGM17'	P=876	L=1	T=2
DCL	N='DOLEY17'	P=877	L=1	T=2
DCL	N='DOLEM17'	P=878	L=1	T=2
DCL	N='REGRS17'	P=879	L=1	T=2
DCL	N='YAOTY17'	P=880	L=1	T=2
DCL	N='TIG17'	P=881	L=1	T=2
DCL	N='VRRM17'	P=882	L=1	T=2
DCL	N='PROPY17'	P=883	L=1	T=2
DCL	N='SCGRP17'	P=884	L=1	T=2
DCL	N='REST17'	P=885	L=16	T=6
DCL	N='ETSY18'	P=901	L=1	T=2
DCL	N='ETSM18'	P=902	L=1	T=2
DCL	N='HYEC18'	P=903	L=1	T=2
DCL	N='AFQT18'	P=904	L=1	T=2
DCL	N='PG18'	P=905	L=1	T=2
DCL	N='DOBY18'	P=906	L=1	T=2
DCL	N='DOBM18'	P=907	L=1	T=2
DCL	N='DOBD18'	P=908	L=1	T=2
DCL	N='MS18'	P=909	L=1	T=2
DCL	N='DEPS18'	P=910	L=1	T=2
DCL	N='SEX18'	P=911	L=1	T=2
DCL	N='AFQTG18'	P=912	L=1	T=2

EXFCODE CNA

DCL	N='EAGE18'	P=913	L=1	T=2
DCL	N='PAGE18'	P=914	L=1	T=2
DCL	N='RTNEC18'	P=915	L=7	T=6
DCL	N='BASDY18'	P=922	L=1	T=2
DCL	N='BASDM18'	P=923	L=1	T=2
DCL	N='BASDD18'	P=924	L=1	T=2
JCL	N='DOPGY18'	P=925	L=1	T=2
DCL	N='DOPGM18'	P=926	L=1	T=2
DCL	N='DOLEY18'	P=927	L=1	T=2
DCL	N='DOLEM18'	P=928	L=1	T=2
DCL	N='REGRS18'	P=929	L=1	T=2
DCL	N='YADTY18'	P=930	L=1	T=2
DCL	N='TIG18'	P=931	L=1	T=2
DCL	N='VRBM18'	P=932	L=1	T=2
DCL	N='PROPY18'	P=933	L=1	T=2
DCL	N='SCGRP18'	P=934	L=1	T=2
DCL	N='REST18'	P=935	L=16	T=6
DCL	N='ETSY19'	P=951	L=1	T=2
DCL	N='ETSM19'	P=952	L=1	T=2
DCL	N='HYEC19'	P=953	L=1	T=2
DCL	N='AFQT19'	P=954	L=1	T=2
DCL	N='PG19'	P=955	L=1	T=2
DCL	N='DOBY19'	P=956	L=1	T=2
DCL	N='DOBM19'	P=957	L=1	T=2
DCL	N='DOBD19'	P=958	L=1	T=2
DCL	N='MS19'	P=959	L=1	T=2
DCL	N='DEPS19'	P=960	L=1	T=2
DCL	N='SEX19'	P=961	L=1	T=2
DCL	N='AFQTG19'	P=962	L=1	T=2
DCL	N='EAGE19'	P=963	L=1	T=2
DCL	N='PAGE19'	P=964	L=1	T=2
DCL	N='RTNEC19'	P=965	L=7	T=6
DCL	N='BASDY19'	P=972	L=1	T=2
DCL	N='BASDM19'	P=973	L=1	T=2
DCL	N='BASDD19'	P=974	L=1	T=2
DCL	N='DOPGY19'	P=975	L=1	T=2
DCL	N='DOPGM19'	P=976	L=1	T=2
DCL	N='DOLEY19'	P=977	L=1	T=2
DCL	N='DOLEM19'	P=978	L=1	T=2
DCL	N='REGRS19'	P=979	L=1	T=2
DCL	N='YADTY19'	P=980	L=1	T=2
DCL	N='TIG19'	P=981	L=1	T=2
DCL	N='VRBM19'	P=982	L=1	T=2
DCL	N='PROPY19'	P=983	L=1	T=2
DCL	N='SCGRP19'	P=984	L=1	T=2
DCL	N='REST19'	P=985	L=16	T=6
DCL	N='ETSY20'	P=1001	L=1	T=2
DCL	N='ETSM20'	P=1002	L=1	T=2
DCL	N='HYEC20'	P=1003	L=1	T=2
DCL	N='AFQT20'	P=1004	L=1	T=2
DCL	N='PG20'	P=1005	L=1	T=2
DCL	N='DOBY20'	P=1006	L=1	T=2
DCL	N='DOBM20'	P=1007	L=1	T=2
DCL	N='DOBD20'	P=1008	L=1	T=2
DCL	N='MS20'	P=1009	L=1	T=2
DCL	N='DEPS20'	P=1010	L=1	T=2
DCL	N='SEX20'	P=1011	L=1	T=2
DCL	N='AFQTG20'	P=1012	L=1	T=2
DCL	N='EAGE20'	P=1013	L=1	T=2
DCL	N='PAGE20'	P=1014	L=1	T=2
DCL	N='RTNEC20'	P=1015	L=7	T=6
DCL	N='BASDY20'	P=1022	L=1	T=2
DCL	N='BASDM20'	P=1023	L=1	T=2
DCL	N='BASDD20'	P=1024	L=1	T=2
DCL	N='DOPGY20'	P=1025	L=1	T=2
DCL	N='DOPGM20'	P=1026	L=1	T=2
DCL	N='DOLEY20'	P=1027	L=1	T=2
DCL	N='DOLEM20'	P=1028	L=1	T=2
DCL	N='REGRS20'	P=1029	L=1	T=2
DCL	N='YADTY20'	P=1030	L=1	T=2
DCL	N='TIG20'	P=1031	L=1	T=2
DCL	N='VRBM20'	P=1032	L=1	T=2
DCL	N='PROPY20'	P=1033	L=1	T=2
DCL	N='SCGRP20'	P=1034	L=1	T=2
DCL	N='REST20'	P=1035	L=16	T=6
DCL	N='ETSY21'	P=1051	L=1	T=2
DCL	N='ETSM21'	P=1052	L=1	T=2
DCL	N='HYEC21'	P=1053	L=1	T=2

EXFECODE CNA

DCL	N='AFQT21'	P=1054	L=1	T=2
DCL	N='PG21'	P=1055	L=1	T=2
DCL	N='DOB3Y21'	P=1056	L=1	T=2
DCL	N='DOB3M21'	P=1057	L=1	T=2
DCL	N='DOB3D21'	P=1058	L=1	T=2
DCL	N='MS21'	P=1059	L=1	T=2
DCL	N='DOPPS21'	P=1060	L=1	T=2
DCL	N='SEX21'	P=1061	L=1	T=2
DCL	N='AFQTG21'	P=1062	L=1	T=2
DCL	N='EAGE21'	P=1063	L=1	T=2
DCL	N='PAGE21'	P=1064	L=1	T=2
DCL	N='RTNEC21'	P=1065	L=7	T=6
DCL	N='BASDY21'	P=1072	L=1	T=2
DCL	N='BASOM21'	P=1073	L=1	T=2
DCL	N='BASOD21'	P=1074	L=1	T=2
DCL	N='JOPGY21'	P=1075	L=1	T=2
DCL	N='DOPGM21'	P=1076	L=1	T=2
DCL	N='DOLLY21'	P=1077	L=1	T=2
DCL	N='DOLLE21'	P=1078	L=1	T=2
DCL	N='REGRS21'	P=1079	L=1	T=2
DCL	N='YADTY21'	P=1080	L=1	T=2
DCL	N='TIG21'	P=1081	L=1	T=2
DCL	N='VR3M21'	P=1082	L=1	T=2
DCL	N='PROPY21'	P=1083	L=1	T=2
DCL	N='SCGRP21'	P=1084	L=1	T=2
DCL	N='REST21'	P=1085	L=1	T=2
DCL	N='TYS22'	P=1101	L=1	T=2
DCL	N='ETSM22'	P=1102	L=1	T=2
DCL	N='HYEC22'	P=1103	L=1	T=2
DCL	N='AFQT22'	P=1104	L=1	T=2
DCL	N='PG22'	P=1105	L=1	T=2
DCL	N='DOB3Y22'	P=1106	L=1	T=2
DCL	N='DOB3M22'	P=1107	L=1	T=2
DCL	N='DOB3D22'	P=1108	L=1	T=2
DCL	N='MS22'	P=1109	L=1	T=2
DCL	N='DOPPS22'	P=1110	L=1	T=2
DCL	N='SEX22'	P=1111	L=1	T=2
DCL	N='AFQTG22'	P=1112	L=1	T=2
DCL	N='EAGE22'	P=1113	L=1	T=2
DCL	N='PAGE22'	P=1114	L=1	T=2
DCL	N='RTNEC22'	P=1115	L=7	T=6
DCL	N='BASDY22'	P=1122	L=1	T=2
DCL	N='BASOM22'	P=1123	L=1	T=2
DCL	N='BASOD22'	P=1124	L=1	T=2
DCL	N='JOPGY22'	P=1125	L=1	T=2
DCL	N='DOPGM22'	P=1126	L=1	T=2
DCL	N='DOLLY22'	P=1127	L=1	T=2
DCL	N='DOLLE22'	P=1128	L=1	T=2
DCL	N='REGRS22'	P=1129	L=1	T=2
DCL	N='YADTY22'	P=1130	L=1	T=2
DCL	N='TIG22'	P=1131	L=1	T=2
DCL	N='VR3M22'	P=1132	L=1	T=2
DCL	N='PROPY22'	P=1133	L=1	T=2
DCL	N='SCGRP22'	P=1134	L=1	T=2
DCL	N='REST22'	P=1135	L=1	T=2
DCL	N='TYS23'	P=1151	L=1	T=2
DCL	N='ETSM23'	P=1152	L=1	T=2
DCL	N='HYEC23'	P=1153	L=1	T=2
DCL	N='AFQT23'	P=1154	L=1	T=2
DCL	N='PG23'	P=1155	L=1	T=2
DCL	N='DOB3Y23'	P=1156	L=1	T=2
DCL	N='DOB3M23'	P=1157	L=1	T=2
DCL	N='DOB3D23'	P=1158	L=1	T=2
DCL	N='MS23'	P=1159	L=1	T=2
DCL	N='DOPPS23'	P=1160	L=1	T=2
DCL	N='SEX23'	P=1161	L=1	T=2
DCL	N='AFQTG23'	P=1162	L=1	T=2
DCL	N='EAGE23'	P=1163	L=1	T=2
DCL	N='PAGE23'	P=1164	L=1	T=2
DCL	N='RTNEC23'	P=1165	L=7	T=6
DCL	N='BASDY23'	P=1172	L=1	T=2
DCL	N='BASOM23'	P=1173	L=1	T=2
DCL	N='BASOD23'	P=1174	L=1	T=2
DCL	N='JOPGY23'	P=1175	L=1	T=2
DCL	N='DOPGM23'	P=1176	L=1	T=2
DCL	N='DOLLY23'	P=1177	L=1	T=2
DCL	N='DOLLE23'	P=1178	L=1	T=2
DCL	N='REGRS23'	P=1179	L=1	T=2

EXFECODE CNA

OCL	V=YADTY23	P=1180	L=1	T=2
OCL	N=TIG23	P=1181	L=1	T=2
OCL	N=VRBM23	P=1182	L=1	T=2
OCL	N=PROPY23	P=1183	L=1	T=2
OCL	V=SCGRP23	P=1184	L=1	T=2
OCL	N=REST23	P=1185	L=1	T=6
OCL	N=ETSY24	P=1201	L=1	T=2
OCL	N=ETSM24	P=1202	L=1	T=2
OCL	N=HYFC24	P=1203	L=1	T=2
OCL	V=AFQT24	P=1204	L=1	T=2
OCL	V=PG24	P=1205	L=1	T=2
OCL	N=DOBY24	P=1206	L=1	T=2
OCL	N=DOBM24	P=1207	L=1	T=2
OCL	V=DOBD24	P=1208	L=1	T=2
OCL	N=MS24	P=1209	L=1	T=2
OCL	N=DEPS24	P=1210	L=1	T=2
OCL	N=SEX24	P=1211	L=1	T=2
OCL	N=AFQTG24	P=1212	L=1	T=2
OCL	N=PAGE24	P=1213	L=1	T=2
OCL	V=PAGE24	P=1214	L=1	T=2
OCL	N=RTNEC24	P=1215	L=7	T=6
OCL	N=BASDY24	P=1222	L=1	T=2
OCL	N=BASDM24	P=1223	L=1	T=2
OCL	N=BASDD24	P=1224	L=1	T=2
OCL	N=DOPGY24	P=1225	L=1	T=2
OCL	N=DOPGM24	P=1226	L=1	T=2
OCL	N=DOLEY24	P=1227	L=1	T=2
OCL	N=DOLEN24	P=1228	L=1	T=2
OCL	N=REGRS24	P=1229	L=1	T=2
OCL	V=YADTY24	P=1230	L=1	T=2
OCL	N=TIG24	P=1231	L=1	T=2
OCL	N=VRBM24	P=1232	L=1	T=2
OCL	N=PROPY24	P=1233	L=1	T=2
OCL	V=SCGRP24	P=1234	L=1	T=2
OCL	N=REST24	P=1235	L=1	T=6
OCL	N=ETSY25	P=1251	L=1	T=2
OCL	N=ETSM25	P=1252	L=1	T=2
OCL	V=HYFC25	P=1253	L=1	T=2
OCL	N=AFQT25	P=1254	L=1	T=2
OCL	N=PG25	P=1255	L=1	T=2
OCL	N=DOBY25	P=1256	L=1	T=2
OCL	N=DOBM25	P=1257	L=1	T=2
OCL	N=DOBD25	P=1258	L=1	T=2
OCL	N=MS25	P=1259	L=1	T=2
OCL	N=DEPS25	P=1260	L=1	T=2
OCL	N=SEX25	P=1261	L=1	T=2
OCL	N=AFQTG25	P=1262	L=1	T=2
OCL	N=PAGE25	P=1263	L=1	T=2
OCL	N=PAGE25	P=1264	L=1	T=2
OCL	N=RTNEC25	P=1265	L=7	T=6
OCL	V=BASDY25	P=1272	L=1	T=2
OCL	N=BASDM25	P=1273	L=1	T=2
OCL	N=BASDD25	P=1274	L=1	T=2
OCL	N=DOPGY25	P=1275	L=1	T=2
OCL	N=DOPGM25	P=1276	L=1	T=2
OCL	N=DOLEY25	P=1277	L=1	T=2
OCL	N=DOLEN25	P=1278	L=1	T=2
OCL	N=REGRS25	P=1279	L=1	T=2
OCL	V=YADTY25	P=1280	L=1	T=2
OCL	N=TIG25	P=1281	L=1	T=2
OCL	V=VRBM25	P=1282	L=1	T=2
OCL	N=PROPY25	P=1283	L=1	T=2
OCL	V=SCGRP25	P=1284	L=1	T=2
OCL	N=REST25	P=1285	L=1	T=6
OCL	N=ETSY26	P=1301	L=1	T=2
OCL	N=ETSM26	P=1302	L=1	T=2
OCL	N=HYFC26	P=1303	L=1	T=2
OCL	N=AFQT26	P=1304	L=1	T=2
OCL	N=PG26	P=1305	L=1	T=2
OCL	N=DOBY26	P=1306	L=1	T=2
OCL	N=DOBM26	P=1307	L=1	T=2
OCL	N=DOBD26	P=1308	L=1	T=2
OCL	N=MS26	P=1309	L=1	T=2
OCL	N=DEPS26	P=1310	L=1	T=2
OCL	N=SEX26	P=1311	L=1	T=2
OCL	N=AFQTG26	P=1312	L=1	T=2
OCL	N=PAGE26	P=1313	L=1	T=2
OCL	N=PAGE26	P=1314	L=1	T=2

EXRECODE CNA

DCL	N='RTNEC26'	P=1315	L=7	T=6;
DCL	N='BASDY26'	P=1322	L=1	T=2;
DCL	N='BASDM26'	P=1323	L=1	T=2;
DCL	N='BASDD26'	P=1324	L=1	T=2;
DCL	N='DOPGY26'	P=1325	L=1	T=2;
DCL	N='DOPGM26'	P=1326	L=1	T=2;
DCL	N='DOLEY26'	P=1327	L=1	T=2;
DCL	N='DOLEM26'	P=1328	L=1	T=2;
DCL	N='REGRS26'	P=1329	L=1	T=2;
DCL	N='YADTY26'	P=1330	L=1	T=2;
DCL	N='TIG26'	P=1331	L=1	T=2;
DCL	N='VRBM26'	P=1332	L=1	T=2;
DCL	N='PROPY26'	P=1333	L=1	T=2;
DCL	N='SCGRP26'	P=1334	L=1	T=2;
DCL	N='REST26'	P=1335	L=1	T=6;
DCL	N='ETSY27'	P=1351	L=1	T=2;
DCL	N='ETSM27'	P=1352	L=1	T=2;
DCL	N='HYEC27'	P=1353	L=1	T=2;
DCL	N='AFQT27'	P=1354	L=1	T=2;
DCL	N='PG27'	P=1355	L=1	T=2;
DCL	N='DOB Y27'	P=1356	L=1	T=2;
DCL	N='DOB M27'	P=1357	L=1	T=2;
DCL	N='DOB D27'	P=1358	L=1	T=2;
DCL	N='MS27'	P=1359	L=1	T=2;
DCL	N='DEPS27'	P=1360	L=1	T=2;
DCL	N='SEX27'	P=1361	L=1	T=2;
DCL	N='AFQTG27'	P=1362	L=1	T=2;
DCL	N='EAGE27'	P=1363	L=1	T=2;
DCL	N='PAGE27'	P=1364	L=1	T=2;
DCL	N='RTNEC27'	P=1365	L=7	T=6;
DCL	N='BASDY27'	P=1372	L=1	T=2;
DCL	N='BASDM27'	P=1373	L=1	T=2;
DCL	N='BASDD27'	P=1374	L=1	T=2;
DCL	N='DOPGY27'	P=1375	L=1	T=2;
DCL	N='DOPGM27'	P=1376	L=1	T=2;
DCL	N='DOLEY27'	P=1377	L=1	T=2;
DCL	N='DOLEM27'	P=1378	L=1	T=2;
DCL	N='REGRS27'	P=1379	L=1	T=2;
DCL	N='YADTY27'	P=1380	L=1	T=2;
DCL	N='TIG27'	P=1381	L=1	T=2;
DCL	N='VRBM27'	P=1382	L=1	T=2;
DCL	N='PROPY27'	P=1383	L=1	T=2;
DCL	N='SCGRP27'	P=1384	L=1	T=2;
DCL	N='REST27'	P=1385	L=1	T=6;
PARM	LR RECL1=1400, LR RECL2=2125;			
SSN	TO R(0001,9,7,,'999999999999');			
HYEC	TO R(0010,2,7,,'99');			
MSOEPS	TO R(0012,2,7,,'99');			
TFORM	TO R(0014,2,7,,'99');			
AFQT	TO R(0016,2,7,,'99');			
MCAT	TO R(0018,1,7,,'99');			
TSCR1	TO R(0019,3,7,,'999');			
TSCR2	TO R(0022,3,7,,'999');			
TSCR3	TO R(0025,3,7,,'999');			
TSCR4	TO R(0029,3,7,,'999');			
TSCR5	TO R(0031,3,7,,'999');			
TSCR6	TO R(0034,3,7,,'999');			
TSCR7	TO R(0037,3,7,,'999');			
TSCR8	TO R(0040,3,7,,'999');			
TSCR9	TO R(0043,3,7,,'999');			
TSCR10	TO R(0046,3,7,,'999');			
TSCR11	TO R(0049,3,7,,'999');			
TSCR12	TO R(0052,3,7,,'999');			
TSCR13	TO R(0055,3,7,,'999');			
TSCR14	TO R(0058,3,7,,'999');			
TSCR15	TO R(0061,3,7,,'999');			
TSCR16	TO R(0064,3,7,,'999');			
SERVICE	TO R(0067,2,7,,'99');			
PRISVC	TO R(0069,2,7,,'99');			
WAIVER	TO R(0071,2,7,,'99');			
DOEM	TO R(0073,2,7,,'99');			
DOEM	TO R(0075,2,7,,'99');			
DOED	TO R(0077,2,7,,'99');			
TOENL	TO R(0079,2,7,,'99');			
ENLOPT	TO R(0081,5,6,,'');			
BONUS	TO R(0086,2,7,,'99');			
OPTION	TO R(0088,2,7,,'99');			
TRAIN	TO R(0090,5,6,,'');			

EXFECODE CNA

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RAFQT TO R(0095,2,7,,99);
RMNTCAT TO R(0197,2,7,,99);
RENORMF TO R(0098,3,7,,99);
ETSY01 TO R(0101,2,7,,99);
ETSM01 TO R(0103,2,7,,99);
HYEC01 TO R(0105,2,7,,99);
AFQT01 TO R(0107,2,7,,99);
PG01 TO R(0109,2,7,,99);
DOBY01 TO R(0111,2,7,,99);
DOBM01 TO R(0113,2,7,,99);
DOBD01 TO R(0115,2,7,,99);
MS01 TO R(0117,2,7,,99);
DEPS01 TO R(0119,2,7,,99);
SEX01 TO R(0121,1,7,,99);
AFQTG01 TO R(0122,2,7,,99);
EAGE01 TO R(0124,2,7,,99);
PAGE01 TO R(0126,2,7,,99);
RTNEC01 TO R(0128,7,6);
BASDY01 TO R(0135,2,7,,99);
BASDM01 TO R(0137,2,7,,99);
BASDD01 TO R(0139,2,7,,99);
DOPGY01 TO R(0141,2,7,,99);
DOPGM01 TO R(0143,2,7,,99);
DOLEY01 TO R(0145,2,7,,99);
DOLEM01 TO R(0147,2,7,,99);
REGRS01 TO R(0149,1,7,,99);
YAOTY01 TO R(0150,2,7,,99);
TIG01 TO R(0152,2,7,,99);
VRBM01 TO R(0154,2,7,,99);
PROPY01 TO R(0156,2,7,,99);
SCGRP01 TO R(0158,2,7,,99);
REST01 TO R(0160,16,6);
ETSY02 TO R(0176,2,7,,99);
ETSM02 TO R(0178,2,7,,99);
HYEC02 TO R(0180,2,7,,99);
AFQT02 TO R(0182,2,7,,99);
PG02 TO R(0184,2,7,,99);
DOBY02 TO R(0186,2,7,,99);
DOBM02 TO R(0188,2,7,,99);
DOBD02 TO R(0190,2,7,,99);
MS02 TO R(0192,2,7,,99);
DEPS02 TO R(0194,2,7,,99);
SEX02 TO R(0196,1,7,,99);
AFQTG02 TO R(0197,2,7,,99);
EAGE02 TO R(0199,2,7,,99);
PAGE02 TO R(0201,2,7,,99);
RTNEC02 TO R(0203,7,6);
BASDY02 TO R(0211,2,7,,99);
BASDM02 TO R(0212,2,7,,99);
BASDD02 TO R(0214,2,7,,99);
DOPGY02 TO R(0216,2,7,,99);
DOPGM02 TO R(0218,2,7,,99);
DOLEY02 TO R(0220,2,7,,99);
DOLEM02 TO R(0222,2,7,,99);
REGRS02 TO R(0224,1,7,,99);
YAOTY02 TO R(0225,2,7,,99);
TIG02 TO R(0227,2,7,,99);
VRBM02 TO R(0229,2,7,,99);
PROPY02 TO R(0231,2,7,,99);
SCGRP02 TO R(0233,2,7,,99);
REST02 TO R(0235,16,6);
ETSY03 TO R(0251,2,7,,99);
ETSM03 TO R(0253,2,7,,99);
HYEC03 TO R(0255,2,7,,99);
AFQT03 TO R(0257,2,7,,99);
PG03 TO R(0259,2,7,,99);
DOBY03 TO R(0261,2,7,,99);
DOBM03 TO R(0263,2,7,,99);
DOBD03 TO R(0265,2,7,,99);
MS03 TO R(0267,2,7,,99);
DEPS03 TO R(0269,2,7,,99);
SEX03 TO R(0271,1,7,,99);
AFQTG03 TO R(0272,2,7,,99);
EAGE03 TO R(0274,2,7,,99);
PAGE03 TO R(0276,2,7,,99);
RTNEC03 TO R(0278,7,6);
BASDY03 TO R(0285,2,7,,99);
BASDM03 TO R(0287,2,7,,99);

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EXFECODE CNA

BASD003 TO R(0289,2,7,,59):;
 DOPGY03 TO R(0291,2,7,,99):;
 DOPGM03 TO R(0293,2,7,,99):;
 DOLEY03 TO R(0295,2,7,,99):;
 DOLEM03 TO R(0297,2,7,,99):;
 REGRS03 TO R(0299,1,7,,5):;
 YADTY03 TO R(0301,2,7,,99):;
 TIG03 TO R(0302,2,7,,99):;
 VRBM03 TO R(0304,2,7,,99):;
 PROPY03 TO R(0306,2,7,,99):;
 SCGRP03 TO R(0309,2,7,,99):;
 REST03 TO R(0310,16,6):;
 ETSY04 TO R(0326,2,7,,99):;
 EYSM04 TO R(0328,2,7,,99):;
 HYEC04 TO R(0330,2,7,,99):;
 AFQT04 TO R(0332,2,7,,99):;
 PG04 TO R(0334,2,7,,99):;
 DOBY04 TO R(0336,2,7,,99):;
 DOBM04 TO R(0338,2,7,,99):;
 DOBD04 TO R(0340,2,7,,99):;
 MS04 TO R(0342,2,7,,99):;
 DEPS04 TO R(0344,2,7,,99):;
 SEX04 TO R(0346,1,7,,99):;
 AFQTG04 TO R(0347,2,7,,99):;
 EAGE04 TO R(0349,2,7,,99):;
 PAGE04 TO R(0351,2,7,,99):;
 RTNEC04 TO R(0353,7,6):;
 BASDY04 TO R(0361,2,7,,99):;
 BASDM04 TO R(0362,2,7,,99):;
 BASDD04 TO R(0364,2,7,,99):;
 DOPGY04 TO R(0366,2,7,,99):;
 DOPGM04 TO R(0368,2,7,,99):;
 DOLEY04 TO R(0370,2,7,,99):;
 DOLEM04 TO R(0372,2,7,,99):;
 REGRS04 TO R(0374,1,7,,99):;
 YADTY04 TO R(0375,2,7,,99):;
 TIG04 TO R(0377,2,7,,99):;
 VRBM04 TO R(0379,2,7,,99):;
 PROPY04 TO R(0381,2,7,,99):;
 SCGRP04 TO R(0383,2,7,,99):;
 REST04 TO R(0385,16,6):;
 ETSY05 TO R(0401,2,7,,99):;
 EYSM05 TO R(0403,2,7,,99):;
 HYEC05 TO R(0405,2,7,,99):;
 AFQT05 TO R(0407,2,7,,99):;
 PG05 TO R(0409,2,7,,99):;
 DOBY05 TO R(0411,2,7,,99):;
 DOBM05 TO R(0413,2,7,,99):;
 DOBD05 TO R(0415,2,7,,99):;
 MS05 TO R(0417,2,7,,99):;
 DEPS05 TO R(0419,2,7,,99):;
 SEX05 TO R(0421,1,7,,99):;
 AFQTG05 TO R(0422,2,7,,99):;
 EAGE05 TO R(0424,2,7,,99):;
 PAGE05 TO R(0426,2,7,,99):;
 RTNEC05 TO R(0428,7,6):;
 BASDY05 TO R(0435,2,7,,99):;
 BASDM05 TO R(0437,2,7,,99):;
 BASDD05 TO R(0439,2,7,,99):;
 DOPGY05 TO R(0441,2,7,,99):;
 DOPGM05 TO R(0443,2,7,,99):;
 DOLEY05 TO R(0445,2,7,,99):;
 DOLEM05 TO R(0447,2,7,,99):;
 REGRS05 TO R(0449,1,7,,99):;
 YADTY05 TO R(0450,2,7,,99):;
 TIG05 TO R(0452,2,7,,99):;
 VRBM05 TO R(0454,2,7,,99):;
 PROPY05 TO R(0456,2,7,,99):;
 SCGRP05 TO R(0458,2,7,,99):;
 REST05 TO R(0460,16,6):;
 ETSY06 TO R(0476,2,7,,99):;
 EYSM06 TO R(0478,2,7,,99):;
 HYEC06 TO R(0480,2,7,,99):;
 AFQT06 TO R(0482,2,7,,99):;
 PG06 TO R(0484,2,7,,99):;
 DOBY06 TO R(0486,2,7,,99):;
 DOBM06 TO R(0488,2,7,,99):;
 DOBD06 TO R(0490,2,7,,99):;

EXFECODE CNA

MS06 TO R(0492,2,7,99);
DEPS06 TO R(0494,2,7,99);
SEX06 TO R(0496,1,7,99);
AFQTG06 TO R(0497,2,7,99);
EAGE06 TO R(0499,2,7,99);
PAGE06 TO R(0501,2,7,99);
RTNEC06 TO R(0503,7,6);
BASDY06 TO R(0511,2,7,99);
BASDM06 TO R(0512,2,7,99);
BASDD06 TO R(0514,2,7,99);
DOPGY06 TO R(0516,2,7,99);
DOPGM06 TO R(0518,2,7,99);
DOLEY06 TO R(0520,2,7,99);
DOLEM06 TO R(0522,2,7,99);
REGRS06 TO R(0524,1,7,99);
YADTY06 TO R(0525,2,7,99);
TIG06 TO R(0527,2,7,99);
VRBM06 TO R(0529,2,7,99);
PROPY06 TO R(0531,2,7,99);
SCGRP06 TO R(0533,2,7,99);
REST06 TO R(0535,16,6);
ETSY07 TO R(0551,2,7,99);
ETSM07 TO R(0553,2,7,99);
HYEC07 TO R(0555,2,7,99);
AFQT07 TO R(0557,2,7,99);
PG07 TO R(0559,2,7,99);
DOBY07 TO R(0561,2,7,99);
DOBM07 TO R(0563,2,7,99);
DOBD07 TO R(0565,2,7,99);
MS07 TO R(0567,2,7,99);
DEPS07 TO R(0569,2,7,99);
SEX07 TO R(0571,1,7,99);
AFQTG07 TO R(0572,2,7,99);
EAGE07 TO R(0574,2,7,99);
PAGE07 TO R(0576,2,7,99);
RTNEC07 TO R(0578,7,6);
BASDY07 TO R(0585,2,7,99);
BASDM07 TO R(0587,2,7,99);
BASDD07 TO R(0589,2,7,99);
DOPGY07 TO R(0591,2,7,99);
DOPGM07 TO R(0593,2,7,99);
DOLEY07 TO R(0595,2,7,99);
DOLEM07 TO R(0597,2,7,99);
REGRS07 TO R(0599,1,7,99);
YADTY07 TO R(0600,2,7,99);
TIG07 TO R(0602,2,7,99);
VRBM07 TO R(0604,2,7,99);
PROPY07 TO R(0606,2,7,99);
SCGRP07 TO R(0608,2,7,99);
REST07 TO R(0610,16,6);
ETSY08 TO R(0626,2,7,99);
ETSM08 TO R(0628,2,7,99);
HYEC08 TO R(0630,2,7,99);
AFQT08 TO R(0632,2,7,99);
PG08 TO R(0634,2,7,99);
DOBY08 TO R(0636,2,7,99);
DOBM08 TO R(0638,2,7,99);
DOBD08 TO R(0640,2,7,99);
MS08 TO R(0642,2,7,99);
DEPS08 TO R(0644,2,7,99);
SEX08 TO R(0646,1,7,99);
AFQTG08 TO R(0647,2,7,99);
EAGE08 TO R(0649,2,7,99);
PAGE08 TO R(0651,2,7,99);
RTNEC08 TO R(0653,7,6);
BASDY08 TO R(0660,2,7,99);
BASDM08 TO R(0662,2,7,99);
BASDD08 TO R(0664,2,7,99);
DOPGY08 TO R(0666,2,7,99);
DOPGM08 TO R(0668,2,7,99);
DOLEY08 TO R(0670,2,7,99);
DOLEM08 TO R(0672,2,7,99);
REGRS08 TO R(0674,1,7,99);
YADTY08 TO R(0675,2,7,99);
TIG08 TO R(0677,2,7,99);
VRBM08 TO R(0679,2,7,99);
PROPY08 TO R(0681,2,7,99);
SCGRP08 TO R(0683,2,7,99);

EXFECODE CNA

REST08 TO R(0685,16,6);
 ETSY09 TO R(0701,2,7,99);
 ETSM09 TO R(0703,2,7,99);
 HYEC09 TO R(0705,2,7,99);
 AFQT09 TO R(0707,2,7,99);
 PG09 TO R(0709,2,7,99);
 DOBY09 TO R(0711,2,7,99);
 DOBM09 TO R(0713,2,7,99);
 DOBJ09 TO R(0715,2,7,99);
 MS09 TO R(0717,2,7,99);
 DEPS09 TO R(0719,2,7,99);
 SEX09 TO R(0721,1,7,99);
 AFQTG09 TO R(0722,2,7,99);
 EAGE09 TO R(0724,2,7,99);
 PAGE09 TO R(0726,2,7,99);
 RTNEC09 TO R(0728,7,6);
 BASDY09 TO R(0735,2,7,99);
 BASDM09 TO R(0737,2,7,99);
 BASDD09 TO R(0739,2,7,99);
 DOPGY09 TO R(0741,2,7,99);
 DOPGM09 TO R(0743,2,7,99);
 DOLEY09 TO R(0745,2,7,99);
 DOLEM09 TO R(0747,2,7,99);
 REGRS09 TO R(0749,1,7,99);
 YADTY09 TO R(0750,2,7,99);
 TIG09 TO R(0752,2,7,99);
 VRBM09 TO R(0754,2,7,99);
 PROPY09 TO R(0756,2,7,99);
 SCGRF09 TO R(0758,2,7,99);
 REST09 TO R(0760,16,6);
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DOLEM22 TO R(1722,2,7,,'99')
REGRS22 TO R(1724,1,7,,'99')
YADTY22 TO R(1725,2,7,,'99')
TIG22 TO R(1727,2,7,,'99')
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 TIG25 TO R(1952,2,7,,99')
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 PROPY25 TO R(1956,2,7,,99')
 SCGRP25 TO R(1958,2,7,,99')
 REST25 TO R(1960,16,6,)
 ETSY26 TO R(1976,2,7,,99')
 ETSM26 TO R(1979,2,7,,99')
 HYEC26 TO R(1980,2,7,,99')
 AFQT26 TO R(1982,2,7,,99')
 PG26 TO R(1984,2,7,,99')
 DOBY26 TO R(1986,2,7,,99')
 DOBM26 TO R(1988,2,7,,99')
 DOBD26 TO R(1990,2,7,,99')
 MS26 TO R(1992,2,7,,99')
 DEPS26 TO R(1994,2,7,,99')
 SEX26 TO R(1996,1,7,,99')
 AFQTG26 TO R(1997,2,7,,99')
 EAGE26 TO R(1999,2,7,,99')
 PAGE26 TO R(2001,2,7,,99')
 RTNEC26 TO R(2003,7,6,)
 BASDY26 TO R(2010,2,7,,99')
 BASDM26 TO R(2012,2,7,,99')
 BASDD26 TO R(2014,2,7,,99')
 DOPGY26 TO R(2016,2,7,,99')
 DOPGM26 TO R(2018,2,7,,99')
 DOLEY26 TO R(2020,2,7,,99')
 DOLEM26 TO R(2022,2,7,,99')
 REGRS26 TO R(2024,1,7,,99')
 YADTY26 TO R(2025,2,7,,99')
 TIG26 TO R(2027,2,7,,99')
 VRBM26 TO R(2029,2,7,,99')
 PROPY26 TO R(2031,2,7,,99')
 SCGRP26 TO R(2033,2,7,,99')
 REST26 TO R(2035,16,6,)
 ETSY27 TO R(2051,2,7,,99')
 ETSM27 TO R(2053,2,7,,99')
 HYEC27 TO R(2055,2,7,,99')
 AFQT27 TO R(2057,2,7,,99')
 PG27 TO R(2059,2,7,,99')
 DOBY27 TO R(2061,2,7,,99')
 DOBM27 TO R(2063,2,7,,99')
 DOBD27 TO R(2065,2,7,,99')
 MS27 TO R(2067,2,7,,99')
 DEPS27 TO R(2069,2,7,,99')
 SEX27 TO R(2071,1,7,,99')
 AFQTG27 TO R(2072,2,7,,99')
 EAGE27 TO R(2074,2,7,,99')
 PAGE27 TO R(2076,2,7,,99')
 RTNEC27 TO R(2078,7,6,)
 BASDY27 TO R(2085,2,7,,99')
 BASDM27 TO R(2087,2,7,,99')
 BASDD27 TO R(2089,2,7,,99')
 DOPGY27 TO R(2091,2,7,,99')
 DOPGM27 TO R(2093,2,7,,99')
 DOLEY27 TO R(2095,2,7,,99')
 DOLEM27 TO R(2097,2,7,,99')
 REGRS27 TO R(2099,1,7,,99')

EXFECODE CNA

```
YADTY27 TO R(2100,2,7,,*99*);  
TT627 TO R(2102,2,7,,*99*);  
VRBM27 TO R(2104,2,7,,*99*);  
PROPY27 TO R(2106,2,7,,*99*);  
SCG1P27 TO R(2109,2,7,,*99*);  
REST27 TO R(2110,16,6);  
//PLI.SYSPRINT DD DUMMY  
//GO.FILE1 DD DSN=DD963.EN.P7605.P8303,UNIT=3400-5,DISP=OLD,  
// VOL=SER=K05256  
//GO.FILE2 DD DSN=DD963.P7609.P8303,UNIT=3400-5,DISP=(NEW,KEEP),  
// DCB=(LRECL=2125,BLKSIZE=2125(,RECFM=FB),VOL=SER=K07620
```


BDM SHIPS

```

//MWS$SHPS JOB (3404,3F7333),CUNNINGHAM,CLASS=G
//*FORMAT PR,DDNAME=,DEST=RMT01
//*MAIN PROC=20,3INGCHK=NO,ORG=FMT01,LINES=(46)
// EXEC PLIXCLG,PARM.PLI=A(F),LC(80),MAR(2,72),MI(''|''),NEST,X(F)',
// PARM.LKED=NOLIST,NOMAP,NOXFEF',REGION=1500K
//* EXEC PLIXC
//*PLI.SYSPRINT DD DUMMY
//PLI.SYSIN DD *
SHIPS: PROC OPTIONS (MAIN) REOFDER;
/*****
* TAB FOR BDM-COUNTS BY UIC,DATE,RATING,GRADE. OUTPUT TAPE.
*****/

DCL IN1 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (1400) BLKSIZE (14000) BUFFERS(2));
OUT RECORD SEQUENTIAL BUFFERED OUTPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (54) BLKSIZE (13014) BUFFERS(2));
SYSPRINT FILE OUTPUT PRINT;

/*****
* I N P U T F O R M A T S
*****/
DCL (I1,I2) POINTER;
DCL 1 IN_REC BASED (I1),
2 F1 CHAR(50), /* 1 - 50 */
2 Y(27),
3 F2 CHAR(04), /* 51 - 54 */
3 PG_IN CHAR(01), /* 55 */
3 F3 CHAR(09), /* 56 - 64 */
3 RT_IN CHAR(03), /* 65 - 67 */
3 F4 CHAR(17), /* 68 - 84 */
3 UIC_IN CHAR(03), /* 85 - 87 */
3 F5 CHAR(13); /* 88 - 100 */

DCL A( 17, 27, 73, 10 ) FIXED BIN(31);
/* UIC, DATE, RATING, PAYGRADE */

DCL (SUM,SUBSTR) BUILTIN;
DCL (IN_CTR,OUT_CTR) FIXED BIN(31) INIT(0B);
DCL BPG FIXED BIN(15) INIT(0B);
CPG CHAR(1) DEF BPG POS(2);

DCL (I,UIC,PG,RT,YR) FIXED BIN(15) INIT(0B);

DCL DATE (27) FIXED BIN(31) INIT(7609,7612,
7703,7706,7709,7712,7803,7806,7809,7812,7903,7906,7909,7912,
8003,8106,8009,8012,8103,8106,8109,8112,8203,8206,8209,8212,
8303);

DCL UIC_A(17) CHAR(03) INIT('574','575','576','586',
'588','589','590','591',
'598','599','600','601','602','603','604','611');

DCL RATING_A(73) CHAR(3) INIT('AA ',
'ABE ',
'ABH ',
'AD ',
'AE ',
'AK ',
'AN ',
'AR ',
'ASH ',
'BM ',
'BT ',
'BU ',
'CM ',
'CR ',
'CTH ',
'CTO ',
'CTR ',
'CTT ',
'DK ',
'DM ',
'DP ',
'DS ',
'EH ',
'EN ',
'ETN ');

```

BDM SHIPS

```
'ETR'
'W'
'FA'
'FN'
'FR'
'FT'
'FTG'
'FTM'
'GM'
'GMG'
'GMM'
'GMT'
'GS'
'GSE'
'GSM'
'HA'
'HM'
'HN'
'HR'
'HT'
'IC'
'JO'
'MA'
'MM'
'MR'
'MS'
'MT'
'NC'
'OS'
'OT'
'PC'
'PN'
'QH'
'RH'
'RP'
'SA'
'SH'
'SK'
'SM'
'SN'
'SR'
'STG'
'STS'
'TM'
'UT'
'YN'
'TOT');
```

```
DCL L(6) CHAR(33) INIT('.....
                        * DD943 CLASS SHIPS PERSONNEL *
                        * BY *
                        * UIC, DATE, RATING & PAYGRADE *
                        .....');
```

```
DCL OUT_STR CHAR(54);
DCL BIN_FIELD FIXED BIN(15) INIT(0B);
CBIN_CHAR(2) DEF BIN_FIELD;
```

```
ON ENDFILE(IN1) BEGIN; GO TO SUMMARY; END;
ON ENDPAGE CALL HDG;
OPEN FILE(IN1), FILE(SYSPRINT) LINESIZE(132) PAGESIZE(80);
```

```
/****** BEGIN INPUT PROCESSING *****/
```

```
A=0;
```

```
READ_NEXT_RECORD:
```

```
READ FILE(IN1) SET(I1); IN_CTF = IN_CTR + 1;
```

```
DO I = 1 TO 27;
DO UIC = 1 TO 17; /* CHECK UIC */
IF SUBSTR(Y(I),UIC,IN,1,2) = CBIN THEN GO TO NEXT1;
IF Y(I).UIC_IN = UIC_A(I) THEN LEAVE;
END;
IF UIC > 17 THEN GO TO NEXT1; /* CHECK PAYGRADE */
```

BDM SHIPS

```

CPG=Y(I).PG IN;
IF BPG = 0 THEN LEAVE;
DO PG = 1 TO 9;
IF PG = 3PG THEN LEAVE;
END;
IF PG > 9 THEN GO TO NEXT1;

/* CHECK RATINGS */
IF SUBSTR(Y(I).RT_IN,1,2) = CBIN THEN GO TO NEXT1;
DO RT = 1 TO 72;
IF Y(I).RT_IN = RATING_A(RT) THEN LEAVE;
END;
IF RT > 72 THEN GO TO NEXT1;

A(UIC,I,RT,PG) = A(UIC,I,RT,PG) + 1;
/* PUT DATA(A(UIC,I,RT,PG));IF IN_CTR > 25 THEN GO TO
SUMMARY; */

NEXT1:
END;
GO TO READ_NEXT_RECORD;
/***** SUMMARY *****/

SUMMARY:
DO UIC = 1 TO 17;
DO YR = 1 TO 27;
DO RT = 1 TO 72;
A(UIC,YR,RT,10) = A(UIC,YR,RT,10) + SUM(A(UIC,YR,RT,*));
END;
END;

DO UIC = 1 TO 17;
DO YR = 1 TO 27;
DO PG = 1 TO 10;
A(UIC,YR,73,PG) = A(UIC,YR,73,PG) + SUM(A(UIC,YR,*,PG));
END;
END;

/***** PRINT OUTPUT *****/
DO UIC = 1 TO 17;
DO YR = 1 TO 27;
DO RT = 1 TO 73;
IF RT=1 & A(UIC,YR,73,10) > 0 THEN
CALL HDG;
IF A(UIC,YR,RT,10) < 1 THEN GO TO NEXT2;
IF RT = 73 THEN PUT EDIT('TOTAL',A(UIC,YR,RT,1) DO I= 1 TO 10))
(SKIP(1),COL(3),A,COL(11),10(X(5),P'Z,ZZ9'));
ELSE PUT EDIT('RATING A(RT),A(UIC,YR,RT,1) DO I= 1 TO 10))
(SKIP(1),COL(3),A,COL(11),10(X(5),P'Z,ZZ9'));
PUT STRING(OUT_STR) EDIT(UIC A(UIC), DATE(YR),
RATING A(RT),A(UIC,YR,RT,1),
A(UIC,YR,RT,2),
A(UIC,YR,RT,3),
A(UIC,YR,RT,4),
A(UIC,YR,RT,5),
A(UIC,YR,RT,6),
A(UIC,YR,RT,7),
A(UIC,YR,RT,8),
A(UIC,YR,RT,9),
A(UIC,YR,RT,10))
(A,P'9999',A,10(P'9999'));/* 3+4+3+40=50 */
WRITE FILE(OUT) FROM(OUT_STR);
OUT_CTR= OUT_CTR + 1;

NEXT2:
END;
END;

DCL PG_CTR FIXED BIN(31)INIT(0E);
HDG: PROC;
PG_CTR = PG_CTR + 1;
PUT PAGE;PUT EDIT('PAGE- ',PG_CTR,'DMDC-83F73333')
(COL(98),A,P'ZZ9');
PUT EDIT((L(I) DO I=1 TO 4))(SKIP(1),COL(40),A);
PUT EDIT('SHIP - N20',UI(A(UIC))
(SKIP(2),COL(45),A,P'999')
('DATE - ',DATE(YF))(SKIP(2),COL(50),A,P'9999'))

```

BOM SHIPS

```

E5          E6 (RATING      E1          E2          E3          E4
              E7 (SKIP(2),COL(3),A);    E8          E9 TOTAL*)
              PUT SKIP;
END; /* HEADING PROC */
EOJ;
PUT PAGE;
PUT EDIT ('TOTAL RECORDS IN = ',IN_CTR,
          'TOTAL RECORDS OUT = ',OUT_CTR)(COL(5),A,P'ZZZ,ZZ9');
END;
/*
//GO.IN1 DD DISP=SHR,DSN=MRDC.ELCXXX.DD963.X100
//GO.IN1 DD UNIT=3400-5,DSN=DD963.P7609.P8303,VOL=SER=K06760,
//DCB=(LRECL=1470,BLKSIZE=1400,RECFM=FB)
//GO.OUT DD UNIT=3400-6,DCB=(LRECL=54,BLKSIZE=13014,RECFM=FB,DEN=3),
//DSN=BOM.SHIPS,DISP=(NEW,KEEP),VOL=SER=003487
//
//GO.OUT DD UNIT=3400-6,DCB=(LRECL=54,BLKSIZE=13014,RECFM=FB,DEN=4),
//DSN=BOM.SHIPS,DISP=(NEW,KEEP),VOL=SER=K07990

```

BDM SHIPSJ7

```
//MWS#FORZ JOB (3420,3F7333),MING,CLASS=C
//*FORMAT PR,DDNAME=,DEST=RMT01
//*MAIN PROC=20,RINGCHK=NO,ORG=FMT01,LINES=(7)
// EXEC PLEXCLG,PARM,PLI='A(F),LC(80),MAP(2,72),MI(''|')',NEST,X(F)',
// PARM,LR=0='NJLIST,NGMAP,NOXREF',REGION=1500K
//*EXEC PLEXC
//PLI.SYSPRINT DD DUMMY
//PLI.SYSIN DD *
SHIPS: PROC OPTIONS (MAIN) REOFOER;
/*****
* TAB FOR BDM-COUNTS AND % OF AUTHORIZED, ASSIGNED & MANNED PERS.
BY UIC,DATE,RATING,GRADE.
*****/
```

```
DCL IN1 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN2 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN3 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN4 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN5 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN6 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN7 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN8 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN9 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN10 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN11 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN12 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN13 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN14 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN15 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN16 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN17 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN18 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN19 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN20 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN21 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN22 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN23 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN24 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN25 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN26 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
IN27 RECORD SEQUENTIAL BUFFERED INPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (150) BLKSIZE (12900) BUFFERS(2)),
OUT RECORD SEQUENTIAL BUFFERED OUTPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (022) BLKSIZE (13024) BUFFERS(2)),
OUT2 RECORD SEQUENTIAL BUFFERED OUTPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (022) BLKSIZE (13024) BUFFERS(2)),
OUT4 RECORD SEQUENTIAL BUFFERED OUTPUT ENV (CONSECUTIVE FBS TOTAL
RECSIZE (022) BLKSIZE (13024) BUFFERS(2)),
SYSPRINT FILE OUTPUT PRINT;
```

```
/*****
* INPUT FORMATS *
*****/
```

BDM SHIPS37

```

*****/
DCL (I1,I2) POINTER;
DCL 1 IN_REC BASED (I1),
      2 FILL1_1 CHAR (33); /* 01 - 33 */
      2 RT_IN CHAR (03); /* 34 - 36 */
      2 FICL1_3 CHAR (35); /* 37 - 71 */
      2 UIC_IN CHAR (03); /* 72 - 74 */
      2 FILL1_4 CHAR (76); /* 75 - 150 */

DCL A( 58, 11, 2 ) FLOAT BIN(31);
/* RATING, UIC, N,X */

DCL RECORD CHAR(22);
DCL (SUM,SUBSTR) BUILTIN;
DCL (IN_CTR,OUT_CTR,REC2) FIXED BIN(31) INIT(08);

DCL (I,UIC,RT,YR) FIXED BIN(15) INIT(08);
DCL (AUTH_CNT)(11) FIXED BIN(31) INIT(08);

DCL DATE (27) FIXED BIN(31) INIT(7609,7612,
7703,7706,7709,7712,7803,7806,7809,7812,7903,7906,7909,7912,
8003,8006,8009,8012,8103,8106,8109,8112,8203,8206,8209,8212,
8303);
DCL UIC_A(11) CHAR(03) INIT('231','232','233','234',
'235','236','683','684','685','686','TOT');

DCL RATING_A(58) CHAR(3) INIT('BM',
'BT',
'BS',
'EM',
'EN',
'ET',
'EW',
'FN',
'FT',
'FTG',
'FTM',
'GM',
'GMG',
'GMM',
'GMT',
'IC',
'HT',
'HM',
'HR',
'HS',
'OS',
'QM',
'RM',
'SH',
'SK',
'SM',
'SN',
'STG',
'TM',
'TH',
'ETR','ETN','STS','DK','HM','HN','HA','HR','JO',
'AD','AG','AO','BU','CH','AMS','AA','AR','AN',
'MA','NC','PC','PN','YN','FA','FR','SA','SR','TOT');

DCL AUTH_NUM(11,58) FLOAT BIN;
DCL AUTH_NUM_CNT(11,58) FIXED BIN(15) INIT(
8,35,9,10,2,13,7,19,0,9,21,0,6,12,4,9,6,38,1,15,34,5,16,7,8,5,50,
12,1,16,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
8,35,9,10,2,13,4,19,0,9,21,0,6,11,4,9,6,38,1,15,37,5,16,7,8,5,50,
12,1,16,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
8,35,9,10,2,13,6,19,0,9,21,0,6,12,4,9,6,38,1,15,37,5,16,7,8,5,48,
12,1,16,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
8,35,9,10,2,13,4,19,0,9,20,0,6,12,4,9,6,38,1,15,37,5,16,7,8,5,53,
12,1,16,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
8,31,9,10,2,12,6,19,0,9,18,1,6,10,4,9,6,38,1,15,37,5,16,6,8,5,55,
12,1,16,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
8,34,9,10,2,13,4,19,0,9,20,0,6,12,4,9,6,38,1,15,37,5,16,7,8,5,50,
12,1,16,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
8,35,9,10,2,13,7,18,0,9,21,0,6,13,4,9,6,38,1,15,34,5,16,7,8,5,50,
12,1,16,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
8,31,9,10,2,13,4,19,0,9,21,0,6,12,4,9,6,38,1,15,35,5,16,7,8,5,50,

```


BOM SHIPS37

```

READ1:
A=0; AUTH_CNT=0; AUTH_NUM=0;
READ_NEXT_RECORD:
SELECT (TAB);
  WHEN(1) DO; READ FILE(IN1) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(2) DO; READ FILE(IN2) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(3) DO; READ FILE(IN3) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(4) DO; READ FILE(IN4) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(5) DO; READ FILE(IN5) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(6) DO; READ FILE(IN6) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(7) DO; READ FILE(IN7) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(8) DO; READ FILE(IN8) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(9) DO; READ FILE(IN9) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(10) DO; READ FILE(IN10) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(11) DO; READ FILE(IN11) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(12) DO; READ FILE(IN12) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(13) DO; READ FILE(IN13) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(14) DO; READ FILE(IN14) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(15) DO; READ FILE(IN15) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(16) DO; READ FILE(IN16) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(17) DO; READ FILE(IN17) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(18) DO; READ FILE(IN18) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(19) DO; READ FILE(IN19) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(20) DO; READ FILE(IN20) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(21) DO; READ FILE(IN21) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(22) DO; READ FILE(IN22) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(23) DO; READ FILE(IN23) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(24) DO; READ FILE(IN24) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(25) DO; READ FILE(IN25) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(26) DO; READ FILE(IN26) SET(I1); IN_CTR = IN_CTR + 1; END;
  WHEN(27) DO; READ FILE(IN27) SET(I1); IN_CTR = IN_CTR + 1; END;
  OTHERWISE STOP;
END; /* SELECT */

DO UIC = 1 TO 10; /* CHECK UIC */
  IF UIC_IN = UIC_A(UIC) THEN LEAVE;
END;
IF UIC > 10 THEN GO TO NEXT1;

DO RT = 1 TO 57; /* CHECK RATINGS */
  IF RT_IN = RATING_A(RT) THEN LEAVE;
END;
IF RT > 57 THEN GO TO NEXT1;

SELECT(RT_IN);
  WHEN('ETR','ETN') DO; RT_IN='ET'; RT=6; END;
  WHEN('STS') DO; RT_IN='ST'; RT=28; END;

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WHEN('FR ','FA ') DO; RT_IN='FN '; RT=8; END;
WHEN('SR ','SA ','AA ','AF ','AN ') DO; RT_IN='SN '; RT=27; END;
WHEN('DK ','HM ','HN ','HF ','HA ','JO ','HA ','
      'AD ','AG ','AO ','BL ','CH ','AMS ','NC ','
      'PC ','PN ','YN ') DO; RT_IN='SN '; RT=30; END;
OTHERWISE RT_IN = RT_IN;
END;

A(RT,UIC,1) = A(RT,UIC,1) + 1;
NEXT1:
GO TO READ NEXT RECORD;
/*****F****F**** SUMMARY *****/
SUMMARY: PROC;
DO UIC = 1 TO 10;
DO RT = 1 TO 58;
AUTH_NUM(11,RT) = AUTH_NUM(11,RT) + AUTH_NUM(UIC,RT);
AUTH_NUM(UIC,RT) = AUTH_NUM(UIC,RT) + AUTH_NUM(11,RT);
AUTH_NUM(11,RT) = AUTH_NUM(11,RT) + AUTH_NUM(UIC,RT);
AUTH_CNT(UIC) = AUTH_CNT(UIC) + AUTH_NUM_CNT(UIC,RT);
AUTH_CNT(11) = AUTH_CNT(11) + AUTH_NUM_CNT(UIC,RT);
END;
END;

/* TOTAL RATING COLUMN */
DO UIC = 1 TO 11;
A(58,UIC,1) = A(58,UIC,1) + SUM(A(*,UIC,1));
END;

/* TOTAL SHIP UIC */
/* TOTAL UIC COLUMN */
DO RT = 1 TO 58;
A(RT,11,1) = A(RT,11,1) + SUM(A(RT,*,1));
END;

/* COMPUTE %S */
DO RT = 1 TO 58;
DO UIC = 1 TO 11;
IF AUTH_NUM(UIC,RT) > 0 THEN
A(RT,UIC,2) = (A(RT,UIC,1) /
              AUTH_NUM(UIC,RT)) * 100 + .05;
END; END;

DO UIC = 1 TO 11;
IF AUTH_CNT(UIC) > 0 THEN
A(58,UIC,2) = (A(58,UIC,1) /
              AUTH_CNT(UIC)) * 100 + .05;
END;

/***** PRINT OUTPUT *****/
N1 = 1; N2 = 6;
CALL HOG;
CALL PRINT_PROC;

N1 = 7; N2 = 11;
CALL HOG;
CALL PRINT_PROC;
/*CALL PLOT_OP; /
END; /* SUMMARY PROC */
/***** END OF FILE PROCESSING *****/

DCL PG_CTR FIXED BIN(31) INIT(0);
HOG: PROC;
PG_CTR = PG_CTR + 1;
PUT PAGE; PUT EDIT('PAGE- ', PG_CTR, 'DMDC-83F73333');
(COL(98), A, P'229');
PUT EDIT((L(I) DO I=1 TO 6)(SKIP(1), COL(49), A);
          PUT EDIT('DATE - ', DATE(1AB))(SKIP(2), COL(61), A, P'9999');
CALL HOG2;
END; /* HEADING PROC */

HOG2: PROC;
DCL DASH CHAR(128) INIT(' ');
FMT1: FORMAT(SKIP(1), COL(2), A) ?
PUT EDIT(DASH)(R(FMT1)); PUT SKIP;
IF N1=1 THEN DO;
PUT EDIT('D0G37 RA TING UIC-52', UIC_A(N1),

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        UIC_A(N1+1),UIC_A(N1+2),UIC_A(N1+3),UIC_A(N1+4),
        UIC_A(N1+5))
        (SKIPT1),COL(2),A,A,5(X(14),A))
        (DASH)(SKIP(1),COL(26),A(104))
        (|',NPC)(SKIP(1),COL(26),A,A)
        (|',AM)(COL(26),A,A)
        (DASH)(SKIP(0),COL(2),A);PUT SKIP;
    END;
ELSE DO; PUT EDIT('DDG37 RATING UIC-52',UIC_A(N1),
        UIC_A(N1+1),UIC_A(N1+2),UIC_A(N1+3),UIC_A(N1+4))
        (SKIP(1),COL(2),A,A,4(X(14),A))
        (DASH)(SKIP(1),COL(26),A(104))
        (|',NPC,' TOT AVGX |')
        (SKIP(1),COL(26),A,A(69),A)
        (|',AM)(COL(26),A,A(86))
        (DASH)(SKIP(0),COL(2),A);PUT SKIP;
    END;
END; /* HDG2 PROC */

PRINT PROC: PROC;
FMT2:FORMAT(SKIP(1),COL(16),A,COL(25),6(X(2),P'ZZZ9',P'ZZZ9',
        X(2),P'ZZ9V.9'));
FMT3:FORMAT(SKIP(1),COL(16),A,COL(27),
        P'ZZZ9',F'ZZZ9',X(2),P'ZZ9V.9',
        5(X(2),P'ZZZ9',F'ZZZ9',X(2),P'ZZ9V.9'));

DO RT= 1 TO 30,58;
IF RT < 58 THEN DO;
PUT EDIT (RATING A(RT), (AUTH_NUM(UIC,RT),
        A(RT,UIC,1),A(RT,UIC,2) DO UIC=N1 TO N2))
        (R(FMT2));PUT SKIP;
CALL CALL1;
END;

ELSE DO;
PUT EDIT(RATING A(RT), (AUTH_CNT(UIC),
        A(RT,UIC,1),A(RT,UIC,2) DO UIC=N1 TO N2))
        (R(FMT2)); PUT SKIP;
CALL CALL2;
END;
END;

END;

CALL1: PROC;
AUTHORIZED = AUTH_NUM(UIC,RT); CALL WRITE1;
END;

CALL2: PROC;
AUTHORIZED = AUTH_CNT(UIC); CALL WRITE1;
END;

WRITE1: PROC;
OCL UIC FIXED BIN(15) INIT(0B);
DO UIC = N1 TO N2;
IF UIC = 11 THEN GO TO END1;
PUT STRING(RECORD) EDIT(UIC,A(UIC))(A(3),X(1))
        (DATE(TAB))('F'9999')
        (RATING A(RT))(A(3))
        (AUTHORIZE(C))(P'999')
        (A(RT,UIC,1))(P'9999')
        (A(RT,UIC,2))(P'999V9');
WRITE FILE(OUT) FROM (RECORD);
WRITE FILE(OUT2) FROM (RECORD);
OUT_CTR = OUT_CTR + 1;
END1;
END;

END; /* WRITE1 */

EOJ:
PUT PAGE;
PUT EDIT ('TOTAL RECORDS IN = ',IN_CTR,
        'TOTAL SMO RECORDS OUT = ',REC2,
        'TOTAL RECORDS OUT= ',OUT_CTR)(COL(5),A,P'ZZZ,ZZ9');
END;
/*
//*60.SYSPRINT DD DUMMY
//*60.IN1 DD DISP=SHR,DSN=MRDC.WPKXXX.DDG37.P7609

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//GO.IN2 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P7612
//GO.IN3 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P7703
//GO.IN4 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P7706
//GO.IN5 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P7709
//GO.IN6 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P7712
//GO.IN7 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P7803
//GO.IN8 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P7806
//GO.IN9 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P7809
//GO.IN10 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P7812
//GO.IN11 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P7903
//GO.IN12 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P7906
//GO.IN13 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P7909
//GO.IN14 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P7912
//GO.IN15 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P8003
//GO.IN16 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P8006
//GO.IN17 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P8009
//GO.IN18 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P8012
//GO.IN19 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P8103
//GO.IN20 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P8106
//GO.IN21 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P8109
//GO.IN22 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P8112
//GO.IN23 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P8203
//GO.IN24 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P8206
//GO.IN25 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P8209
//GO.IN26 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P8212
//GO.IN27 DD DISP=SHR,DSN=MRDC.WFKXXX.DDG37.P8303
//GO.OUT DD DUMMY,DCB=(LRECL=22,BLKSIZE=13024,RECFM=FB,DSN=3)
//GO.OUT DD UNIT=3400-6,DCB=(LRECL=22,BLKSIZE=13024,RECFM=FB,DSN=3),
//DSN=BOM.SHIP14,DISP=(NEW,KEEP),VOL=SER=004641
//GO.OUT2 DD DUMMY,DCB=(LRECL=22,BLKSIZE=13024,RECFM=FB)
//GO.OUT2 DD DISP=SHR,
//DSN=MRDC.BLCXXX.BOM.SHIP23
//GO.OUT3 DD DUMMY,DCB=(LRECL=176,BLKSIZE=13024,RECFM=FB)
//GO.OUT3 DD DISP=SHR,
//DSN=MRDC.BLCXXX.SM023
//GO.OUT4 DD DISP=SHR,DSN=MRDC.ELCXXX.SHIPS4.TEMP
//GO.OUT4 DD UNIT=3330V,DCB=(LRECL=22,BLKSIZE=13420,RECFM=FB),
//DSN=MRDC.BLCXXX.SHIPS4.TEMP,DISP=(NEW,CATLG,DELETE),
//MSVGP=DMOC40,SPACE=(CYL,(5,1),RLSE)
//

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