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C-4003/DM-0

DEFENSE INTELLIGENCE ORDER OF BATTLE SYSTEM (DIOBS)

PROPOSED DATA ELEMENTS FOR THE
EQUIPMENT INDEX SYSTEM ON-LINE & BATCH FILES (U)
(EISF)

1 JANUARY 1980

PREPARED BY
DEFENSE INTELLIGENCE AGENCY
MANAGEMENT OPERATIONS DIVISION

DRAFT

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downgrading and
declassification

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DIA review completed.

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PREFACE

1. This document contains the draft data elements for the proposed batch and on-line (DIAOLS/ISS) DIOBS Equipment Index System File (EISF) 1/.
2. Data elements herein described should not be used for programming purposes, but are provided for general planning purposes only.
3. This document represents, therefore, a draft users manual for the proposed EISF file.
4. For more information on this project, please contact DIA, ATTN: Mr. Bob Cole, DM-01A, ext 692-9736.

1/ Formerly the Order of Battle Equipment Codes and Nomenclature File (OBEQPT).

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SECTION I
GENERAL INFORMATION

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GENERAL INFORMATION

1. (U) The Defense Intelligence Order of Battle System (DIOBS) Equipment Index System File (EISF) provides a collateral-all-source systematic listing of equipments and objects designed to support Order of Battle and other applicable disciplines such as first and second phase imagery reporting, intelligence applications, military planning, war gaming and military operations. This system represents an attempt to develop a standardized, usable, universal equipment list that is NATO compatible.

2. (U) This file codifies equipment systems, types, models, variants and applicable individual objects to produce a unique equipment control code entry, five characters in length and alphanumeric in composition, utilizing a coding methodology which is heirarchical in nature.

3. (U) In addition to the 'Equipment Records' contained in the file, the file also contains 'Abbreviation Records', 'Introductory Records' and 'Methodology Records' to provide users/consumers with additional information. (A coded input into the RECORD-TYPE (O125/RCTYP) field indicates the type of record.)

4. (U) The coding methodology used to assign equipment codes for the equipment nomenclatures contained in the file was initially developed during 1976/1977 in consultation with analysts from DIA/DB, USAREUR, and OASD(PA&E), and has been further refined based on comments received from U&S Command analysts, DA/ACSI, and the Naval Intelligence Processing Systems Support Command, and other users:

a. The first level of the heirarchical coding methodology separates/categorizes equipment into 25 groups (called Equipment Families) as follows:

<u>FIRST LEVEL</u> <u>HEIRARCHIAL CODE</u>	<u>EQUIPMENT FAMILY NAME</u>
A	AIRCRAFT, FIXED WING
B	AIRCRAFT, ROTARY WING
C	VESSELS, COMBATANT SHIP CATEGORY
D	VESSELS, COMBATANT CRAFT CATEGORY
E	VESSELS, AUXILIARY SHIP CATEGORY
F	VESSELS, SUPPORT CRAFT CATEGORY
G	VESSELS, MERCHANT FISHING RESEARCH, SPECIAL PURPOSE AND OTHER NON- MILITARY TYPES
H	VESSELS, MILITAY IN NON-MILITARY SERVICE AND/OR CIVIL SERVICE MANNED NAVAL AUXILIARIES

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<u>FIRST LEVEL HEIRARCHIAL CODE</u>	<u>EQUIPMENT FAMILY NAME</u>
J	ENGINES AND PROPULSION SYSTEMS
K	SPACE OBJECTS/EQUIPMENT
L	ASSOCIATED/MISCELLANEOUS EQUIPMENT
M	ANTI-TANK WEAPONS
N	ARMORED VEHICLES
O	MORTARS
P	TANKS
Q	GENERAL PURPOSE VEHICLES
R	SPECIAL PURPOSE VEHICLES
S	ENGINEERING EQUIPMENT
T	AIR DEFENSE WEAPONS
U	FIELD ARTILLERY/SURFACE BOMBARDMENT WEAPONS/TORPEDOES
V	SURFACE-TO-SURFACE MISSILES/ROCKET LAUNCHERS
W	SMALL ARMS
X	RADARS, ELECTRONIC WARFARE EQUIPMENT AND OTHER REMOTE DETECTION DEVICES
Y	COMMUNICATIONS AND ADP EQUIPMENT
Z	MISSILES/ROCKETS/AMMUNITION (RELOAD)

b. Within each equipment family there is provision for one or two further levels of methodological categorization as applicable.

c. The other two (or three) alphanumeric character positions are codified in an intermittent sequential manner to perfect, in conjunction with the first, three (two) character positions, a unique record control designation for the nomenclature of equipment described in the file.

d. The coding methodology is described in detail in DIA document DDM-2600-1721-YR (DIOBS Order of Battle Equipment Codes and Nomenclature). This detailed methodology may be obtained by on-line query to the EISF file as follows:

if 0125 = :m:.

The user may then output the 0010 and 1000 fields (sorted by 0010) to obtain the latest updated methodology.

5. (U) The equipment/object nomenclatures/designations/functional names which are represented by the unique equipment control code are contained in a 25 character alphanumeric field (EQ-WEAPON-NOMEN/0710/EQDSG). Entries consist of an abbreviated category/sub-category

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of equipment (e.g. DDG, ADA, APC, SATL, SHPG CNTR etc.) followed by the most generally used/accepted and/or standardized designation/name for the equipment or object described. Secondary, additional or native designations may be included in parenthesis where applicable if necessary to further assist in identifying some equipments. Equipments built/assembled in several countries which use the same designation/name for the equipment are identified as to the producer country when applicable by the appropriate DoD standard country code in parenthesis.

6. (U) Sources of actual equipment entries in the file has been developed through research of the following:

- Automated imagery sources
- The European Special Activities Facility (USAFE) Equipment Coding Index
- The Foreign Science and Technology Center's Foreign Material Catalog (FOMCAT)
- The Nomenclature List of Soviet Bloc and Chinese Ground Forces Equipments as agreed at the 29th annual Land Warfare Technical Intelligence Conference in May 1978
- DIA's Glossary of Naval Ship Types (GNST)
- The NISC Ships Characteristics Manuals
- The extensive array of NISC, FSTD, FTD and MIA Technical Manuals
- Jane's yearbooks and other open source material

DIA analysts, Delegated Production elements, CCTC, and NAVELEC and other organizations may also daily request various specific codes when the need arises.

7. (C/NOFORN) The EISF coding structure contained in this file is presently utilized to input equipment data into the DIOBS Ground Order of Battle (DGOBA) and Air Order of Battle (DAOBA) files by DIA, FICEURLANT, IPAC, SAC, TAC, USCINCSO and GIPD. Other applications, current and projected include:

a. The EISF is provided regularly via automatic modes to GIPD, EUCOM, SOUTHCOM, SAC, TAC, FICEURLANT, TFC, FICPAC, IPAC, CCTC, NSA/COINS-PMO, NAVELEC, OASD(PA&E) and 497RTG.

b. The EISF equipment codes are utilized for input to the DIA Military Production File (MILPRO).

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c. The EISF equipment codes are input to the Command and Control (CCTC) Standard Equipment File, used by OASD(PA&E).

d. Discussion has been underway with Assistant Vice Directorate for Collection Management (DC) since early 1977 to revise the imagery IPIR/SUPIR format to accept this coding structure as part of the community standardized imagery reporting format. Feasibility of use of this coding system in the DIA Advanced Imagery Requirements and Exploitation System (AIRES) is being considered.

e. Inclusion of this coding system in the Navy's NIPS-3 Data Base System by NIPSSA is being studied.

f. This file has been released to the Ministry of Defence/UK and the Royal Netherlands Navy, and release to the Government of Canada is underway.

8. (U) Classification of the EISF is SECRET/NOT RELEASABLE TO FOREIGN NATIONALS.

9. (U) DIA point-of-contact for EISF is Mr. Bob Cole (alternate: Mrs. Jacqueline Miller), DIA/DM-01, local extension 692-9736; AUTOVON: 222-9736.

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Initial input to the file is to be accomplished as follows:

<u>FIELD(S)</u>	<u>SOURCE OF INITIAL INPUT</u>
ABREV, EERDB, ESAFI, FOMCT, MARKN, OTLID, PBRMK, RCLAS, SCNAM, SGRUP, SHPDS.	Manual input by DM-01A
CNMNF, EQGEN, NOMS1, NOMS2, SHPTY.	Logical Maintenance and manual input by DM-01A
EQCDE	Machine input from old OBEQPT file EQCDE field.
EQDSG	Machine input from old OBEQPT file EQDSG field.
CLASF, NCLAS.	Machine input from old OBEQPT file CLASF field.
CHGDT	Machine input on day of Record Creation.
DNGRD, PASSN, SASSN.	Logical Maintenance
MNSEQ	Logical Maintenance during file creation to input entry of 000 for all.
RCTYP	Logical Maintenance during file creation to input entry E for all.
NFPDM	Machine input utilizing tape from CCTC.
POWER, NEEON.	Machine input utilizing tape from NAVELEC.
OLDEQ, ORIGN, RECMT, RELCD, RSORT, NOMS3.	Not required for input at time of file creation (to be input later as applicable).

1/ This page represents the sequence of file input during the file creation/test period.

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SECTION II
LISTS OF DATA ELEMENTS

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BATCH ELEMENTS LIST

<u>MNEMONIC</u>	<u>FIELD GROUP</u>	<u>SIZE</u>	<u>FIELD DESCRIPTION</u>	<u>ON-LINE SHORT NAME</u>
ABREV		020	Abbreviation	0075
BLNK1	COMRX	001	Blank Field #1	1110
BLNK2	OTLID	001	Blank Field #2	n/a
CHGDT		006	Date of Change	0001
CLASF		001	Security Classification of Record	0170
CNMNF		002	Country of Manufacture	0760
COMRX	OTLID	010	COMIREX Number	1110
DASHF	COMRX	001	Object Target List Dash	1110
DNGRD		001	Downgrading Instructions	0175
EERDB		006	Electronic Equipment Registry Data Base (EERDB) Catalog Number	1100
ELECN	EERDB	005	Electronic Equipment Number	1100
ELECT	EERDB	001	Electronic Equipment Type	1100
EQCDE		005	Equipment Control	0010
EQDSG		025	Equipment-Weapon Nomenclature	0710
EQFAM	EQCDE	001	Equipment Family	0010
EQGEN		010	Equipment Generic	0750
EQNUM	EQCDE	004	Equipment Number	0010
ESAFI		003	European Special Activities Facility (ESAF) Equipment Code Index	1120

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<u>MNEMONIC</u>	<u>FIELD GROUP</u>	<u>SIZE</u>	<u>FIELD DESCRIPTION</u>	<u>ON-LINE SHORT NAME</u>
FOMAC	FOMCT	001	FOM Acronym	1140
FOMCN	FOMCT	012	FOM Component Number	1140
FOMCT		022	FOMCAT Number	1140
FOMD1	FOMCT	001	FOM Dash #1	1140
FOMD2	FOMCT	001	FOM Dash #2	1140
FOMGC	FOMCT	004	FOM Group Class Code	1140
IOISC	SGRUP	002	Ship Type Grouping (IOISC) Number	0805
MARKN		002	Control and Release Marking	0180
MNSEQ		003	Maintenance Sequence	0090
NCLAS		001	Security Classification of Equipment-Weapon Nomenclature	0715
NEEON		005	NAVELEC Identification Number	1150
NFPDB		007	NATO Force Planning Data Base Code	1130
NOMS1		020	Nomenclature Source, Primary	1200
NOMS2		020	Nomenclature Source, Secondary	1210
NOMS3		020	Nomenclature Source, Additional	1220
OLDEQ		005	Old Equipment Control Number	0770
ORIGN		002	Record Originator	0110
OTLCC	OTLID	005	Object Target List Category Code	1115

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<u>MNEMONIC</u>	<u>FIELD GROUP</u>	<u>SIZE</u>	<u>FIELD DESCRIPTION</u>	<u>ON-LINE SHORT NAME</u>
OTLID		016	Object Target List Identification	n/a
OTLNR	OTLID	004	Object Target List Number	1110
OTLOC	OTLID	002	Object Target List Object Code	1110
OTLSF	OTLID	002	Object Target List Suffix	1110
PASSN		001	Order of Battle Association, Primary	0790
PBRMK		060	Remarks	1000
POWER		001	Aircraft Power	0615
RCLAS		001	Security Classification of Remarks Field Data	1010
RCTYP		001	Record Type	0125
RECMT		001	Record Maintenance Function	0095
RELCD		001	Nomenclature Release Code	0190
RSORT		001	Record Sort	0780
SASSN		001	Order of Battle Association, Secondary	0795
SCNAM		020	Ship Class Name	0820
SGRUP		006	Ship Type Sorting Group	0805
SHPDS		060	Ship Type Description	0830
SHPTY		006	Ship Type	0800
SRTTY	SGRUP	004	Ship Type Sorting Number	0805

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ON-LINE ELEMENTS LIST

<u>ON-LINE SHORT NAME</u>	<u>ON-LINE LONG/SYNONYM NAME</u>	<u>SIZE</u>	<u>TYPE</u>	<u>FORMAT</u>
0001*	DATE-OF-CHANGE	008	F	Alphanumeric
0010*	EQUIP-CONTROL	005	I-M	Alphanumeric
0010*	EQUIP-FAMILY	001	S	Alphanumeric
0010*	EQUIP-NUMBER	004	S	Alphanumeric
0075*	ABBREV	020	F	Alphanumeric
0090*	MAINT-SEQ	003	F	Numeric
0095*	RECORD-MAINT	001	F	Alpha
0110*	RECORD-ORIG	002	F	Alpha
0125**	RECORD-TYPE	001	F	Alpha
0170**	SEC-CLASS	001	F	Alpha
0175*	SEC-DOWNGRADE	001	F	Alpha
0180*	SEC-MARKINGS	002	F	Alpha
0190**	RESTRICTED-CODE	001	F	Alpha
0615*	POWER	001	F	Alpha
0710*	EQ-WEAPON-NOMEN	025	F	Alphanumeric
0715*	EQUIP-CLASS	001	F	Alpha
0750*	EQUIP-GENERIC	010	F	Alphanumeric
0760*	CNTRY-MANUFAC	002	F	Alpha
0770*	OLD-EQUIP-CONTROL	003	F	Alphanumeric

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<u>SHORT NAME</u>	<u>LONG/SYNONYM NAME</u>	<u>SIZE</u>	<u>TYPE</u>	<u>FORMAT</u>
0780*	RECORD-SORT	001	F	Alphanumeric
0790*	PRIMARY-ASSN	001	F	Alpha
0795*	SECOND-ASSN	001	F	Alpha
0800*	SHIP-TYPE	006	F	Alpha
0830	SHIP-TYPE-DESCF	060	F	Alphanumeric
0805*	SHIP-TYPE-SRT-GP	006	F	Numeric
0805*	SHIP-TYPE-GROUP	002	S	Numeric
0805*	SHIP-TYPE-SORT	004	S	Numeric
0820*	SHIP-CLASS-NAME	020	F	Alphanumeric
1000	REMARKS	060	F	Alphanumeric
1010*	REMARKS-CLASS	001	F	Alpha
1100*	ELEC-CAT-NUM	006	F	Alphanumeric
1110*	COMIREX-NR	010	F	Alphanumeric
1110*	OTL-OBJ-CD	002	S	Numeric
1110*	OTL-DASH	001	S	Alphanumeric
1110*	OTL-NR	004	S	Numeric
1110*	OTL-BLANK	001	S	Alphanumeric
1110*	OTL-SUFFIX	002	S	Numeric
1110*	OTL-CLASS-CD	005	F	Numeric
1120*	ESAF-NR	003	F	Alpha
1130*	NATO-FORCE-CD	007	F	Alphanumeric
1140*	FOMCAT-NR	022	F	Alphanumeric

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<u>SHORT NAME</u>	<u>LONG/SYNONYM NAME</u>	<u>SIZE</u>	<u>TYPE</u>	<u>FORMAT</u>
1140*	FOM-ACRYM	003	S	Alpha
1140*	FOM-DH1	001	S	Alphanumeric
1140*	FOM-GP-CLAS	004	S	Numeric
1140*	FOM-DH2	001	S	Alphanumeric
1140*	FOM-COM	013	S	Alphanumeric
1150*	NEEO-NUMBER	005	F	Alphanumeric
1200	SOURCE-ONE	020	F	Alphanumeric
1210	SOURCE-TWO	020	F	Alphanumeric
1220	SOURCE-THREE	020	F	Alphanumeric

*Denotes retrievable element

**Denotes retrievable element with permanent value list

Element Types:

F = Fixed

I = Identifier

M = Minimum Data Element

S = Synonym

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SECTION III
COMPLETE DESCRIPTION OF DATA ELEMENTS

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ON-LINE LONG NAME: DATE-OF-CHANGE

ON-LINE SHORT NAME: 0001

BATCH MNEMONIC: CHGDT

FIELD LENGTH: 008 Alphanumeric

DESCRIPTION: Date of Change. Indicates the latest machine generated maintenance date for the record in YY/MM/DD order.

EXPLANATION: Coded as follows:

Character-position 1-2: Year
Character-position 3: /
Character-position 4-5: Month
Character-position 6: /
Character-position 7-8: Day

NOTE: For on-line queries against this field, and on-line output, the slashes do not appear and the field operates like all standard date fields. i.e., to query on-line:

If 0001 = :781215:.. etc..

When outputting this field in standard R.P.G. reports, however, all 8 character positions must be allowed for in the DATA section of the report.

Standardization Reference: STID C00004 (Date).

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ON-LINE LONG NAME: EQUIP-CONTROL

ON-LINE SHORT NAME: 0010

BATCH MNEMONIC: EQCDE

FIELD LENGTH: 005 Alphanumeric

DESCRIPTION: Equipment Control. Contains the record control field. (For Equipment Records this entry equates to the 'Equipment Code'.) This field is divided into two synomys:

<u>POSITIONS</u>	<u>ON-LINE LONG NAME</u>	<u>BATCH MNEMONIC</u>	<u>DESCRIPTION</u>
1	EQUIP-FAMILY	EQFAM	Equipment Family
2-5	EQUIP-NUMBER	EQNUM	Equipment Number

EXPLANATION: Depending on the type of record, the following conventions apply to this field.

<u>ENTRY</u>	<u>RECORD DESCRIPTION</u>
6\$\$\$\$	Equipment Record. Temporarily assigned equipment code. This convention is used for "accelerated command input" of equipment items when such acceleration is required. (Command/user requests for new equipment codes/nomenclature will normally be forwarded to DIA/DM-01 via phone, ATACS, electrical message, letter or AUTODIN.) Character positions 2-3 will contain the applicable originator code equating to the producer codes as indicated in enclosure 4 to DIAM 57-5 (DoD Exploitation of Multi-Sensor Imagery (U)). Character positions 4-5 will be numeric, numbered 'one-up' by the requester (range 01-99). Once DIA/DM-01 has evaluated the accelerated command request, the '6\$\$\$\$' record will be deleted from the file by DIA/DM-01 and an appropriate Equipment Record will be input by DIA/DM-01 as applicable.
7\$\$\$\$	Abbreviation Record. All characters are numeric and will, therefore, range in value 70000 thru 79999.
8\$\$\$\$	Introductory Record. All characters are numeric and will, therefore, range in value 80000 thru 89999.

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EQUIP-CONTROL/0010/EQCDE (cont inued)

<u>ENTRY</u>	<u>RECORD DESCRIPTION</u>
9\$\$\$\$	Methodology Record. Character position 2 will be a Family Code indicating the Equipment Family to which the Methodology record belongs. Character positions 3-5 are numeric, ranging in value from 000 to 999.
A\$\$\$\$	Equipment Record: Aircraft, Fixed Wing Related.
B\$\$\$\$	Equipment Record: Aircraft, Rotary Wing Related.
C\$\$\$\$	Equipment Record: Vessels, Combatant Ship Category.
D\$\$\$\$	Equipment Record: Vessels, Combatant Craft Category.
E\$\$\$\$	Equipment Record: Vessels, Auxiliary Ship Category.
F\$\$\$\$	Equipment Record: Vessels, Support Craft Category.
G\$\$\$\$	Equipment Record: Vessels, Merchant, Fishing, Research, Special Purpose and Other Non-Military Types.
H\$\$\$\$	Equipment Record: Vessels, Military in Non-Military Service and/or Civil Service Manned Naval Auxiliaries.
J\$\$\$\$	Equipment Record: Engines and Propulsion Systems.
K\$\$\$\$	Equipment Record: Space Objects/Equipment and Launch Vehicles.
L\$\$\$\$	Equipment Record: Associated/Miscellaneous Equipment.
M\$\$\$\$	Equipment Record: Anti-Tank Weapons.
N\$\$\$\$	Equipment Record: Armored Vehicles.
O\$\$\$\$	Equipment Record: Mortars.
P\$\$\$\$	Equipment Record: Tanks.

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EQUIP-CONTROL/0010/EQCDE (cont inued)

<u>ENTRY</u>	<u>RECORD DESCRIPTION</u>
Q\$\$\$\$	Equipment Record: General Purpose Vehicles .
R\$\$\$\$	Equipment Record: Special Purpose Vehicles .
S\$\$\$\$	Equipment Record: Engineering Equipment .
T\$\$\$\$	Equipment Record: Air Defense Weapons .
U\$\$\$\$	Equipment Record: Field Artillery/Surface Bombardment Weapons/Torpedoes .
V\$\$\$\$	Equipment Record: Surface-to-Surface Missiles/Rocket Launchers .
W\$\$\$\$	Equipment Record: Small Arms .
X\$\$\$\$	Equipment Record: Radars, Electronic Warfare Equipment and Other Remote Detection Devices .
Y\$\$\$\$	Equipment Record: Communications and Automatic Data Processing Equipment .
Z\$\$\$\$	Equipment Record: Missiles/Rockets/Ammunition (Reload) .

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ON-LINE LONG NAME: ABBREV

ON-LINE SHORT NAME: 0075

BATCH MNEMONIC: ABREV

FIELD LENGTH: 020

DESCRIPTION: Abbreviation. Indicates for Abbreviation Records, abbreviations utilized in the EQ-WEAPON-NOMEN (0710/EQDSG) field.

EXPLANATION: Coded with alpha or alphanumeric abbreviations as applicable. (The corresponding explanation of the abbreviation will be found in the REMARKS (1000/PBRMK) field.)

NOTE: This field is utilized only for Abbreviation Records.

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ON-LINE LONG NAME: MAINT-SEQ

ON-LINE SHORT NAME: 0090

BATCH MNEMONIC: MNSEQ

FIELD LENGTH: 003 Numeric

DESCRIPTION: Maintenance Sequence. Indicates the maintenance cycle during which the Equipment Record was originally created (added to the file) or the maintenance cycle during which the Equipment Record was last changed or updated, or the maintenance cycle during which the Equipment Record has been identified for deletion from the file.

EXPLANATION: Coded numerically 'one-up' beginning with 001. Range of values allowed 000 thru 999. (Entry 000 indicates Equipment Records in existence when the EISF File itself was created.)

NOTE: This field is utilized for Equipment Records only.

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ON-LINE LONG NAME: RECORD-MAINT

ON-LINE SHORT NAME: 0095

BATCH MNEMONIC: FECMT

FIELD LENGTH: 001 Alpha

DESCRIPTION: Record Maintenance Function. Indicates the maintenance function last performed on the Equipment Record during the maintenance cycle indicated in the MAINT-SEQ (0090/MNSEQ) field.

EXPLANATION: Coded as follows:

<u>CODE</u>	<u>ITEM</u>
A	<u>Added</u> . (The Equipment Record was <u>created/added</u> to the file during the maintenance cycle indicated in the MAINT-SEQ (0090/MNSEQ) field.)
C	<u>Changed</u> . (The Equipment Nomenclature as indicated in the EQ-WEAPON-NOMEN field was <u>changed</u> during the maintenance cycle indicated in the MAINT-SEQ (0090/MNSEQ) field.)
M	<u>Record Maintenance</u> . (A field, excepting the EQ-WEAPON-NOMEN field, was changed or input for the first time during the maintenance cycle indicated in the MAINT-SEQ (0090/MNSEQ) field. This code, for example, may signal that Remarks data was changed or input, record classification and/or downgrading was changed, etc..)
D	<u>Deletion</u> . (The Equipment Record was <u>identified</u> for deletion from the file during the maintenance cycle indicated in the MAINT-SEQ (0090/MNSEQ) field.) Actual deletion of the Equipment Record will occur after this deletion indication has been posted for four successive maintenance cycles. For example, an Equipment Record identified for deletion during maintenance cycle 025 would be actually deleted during maintenance cycle 029.* The reason for deletion of the record will be found in the REMARKS (1000/PERMK) field.

NOTE: This field is utilized only for Equipment Records.

+Consumers and/or DIOBS Delegated Producers who see indication of forthcoming deletion of an Equipment Record which they believe should not be deleted or which is required at their site should immediately make such concern known to DIA/DM-01 via AUTOVON 222-9736; Electrical Message, letter or by use of the Analyst-to-Analyst Communications Service (ATACS) file.

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ON-LINE LONG NAME: RECORD-ORIG

ON-LINE SHORT NAME: 0110

BATCH MNEMONIC: ORIGN

FIELD LENGTH: 002 Alpha

DESCRIPTION: Record Originator. A two character alpha code indicating the organization originating the record.

EXPLANATION: Coded with the applicable Producer Code as indicated in enclosure 4 to DIAM 57-5 (DoD Exploitation of Multi-Sensor Imagery (U)).

NOTE: This field is utilized as required to indicate non-DIA originated equipment nomenclature requests. When so utilized, the RECORD-ORIG field will be used only for Equipment Records.

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ON-LINE LONG NAME: RECORD-TYPE

ON-LINE SHORT NAME: 0125

BATCH MNEMONIC: RCTYP

FIELD LENGTH: 001 Alpha

DESCRIPTION: Record Type. Indicates the type of record.

EXPLANATION:

<u>CODE</u>	<u>ITEM</u>	<u>DEFINITION</u>
E	Equipment Record	A record describing a unique piece of equipment or category of equipment. Includes general equipment items and equipment total records. This record type will always contain an entry in the EQ-WEAPON-NOMEN (0710/EQDSG) field.
A	Abbreviation Record	A record describing an abbreviation used in the EQ-WEAPON field. This record type will always contain the abbreviation entry in the ABBREV (075/ABREV) field and the explanation of the abbreviation in the REMARKS (1000/PBRMK) field.
C	Introductory Record	A record utilizing the REMARKS (1000/PBRMK) field to describe general comments or introductory information about the file. The proper sequence of each Introductory Record is indicated by the EQUIP-CONTROL (0010/EQCDE) entry.
M	Methodology Record	A record utilizing the REMARKS (1000/PBRMK) field to describe equipment code assignment methodology. The proper sequence of each Methodology Record is indicated by the EQUIP-CONTROL (0010/EQCDE) entry.

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ON-LINE LONG NAME: SEC-CLASS

ON-LINE SHORT NAME: 0170

BATCH MNEMONIC: CLASF

FIELD LENGTH: 001 Alpha

DESCRIPTION: Security Classification of Record. Indicates the highest security classification of data in the record.

EXPLANATION: Coded as follows:

<u>CODE</u>	<u>ITEM</u>
U	Unclassified
C	Confidential
S	Secret

NOTE: This field is mandatory for all records. Blanks are not allowed.

Standardization Reference: STID E00157 (Security Classification)

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ON-LINE LONG NAME: SEC-DOWNGRADE

ON-LINE SHORT NAME: 0175

BATCH MNEMONIC: DNGRD

FIELD LENGTH: 001 Alpha

DESCRIPTION: Downgrading Instructions. Indicates the downgrading instructions for the total record.

EXPLANATION: Coded as follows:

<u>CODE</u>	<u>ITEM</u>
I	Original Classification not to continue more than six years.
W	Original Classification to continue more than six years but not in excess of 20 years.
V	Derivative Classification.

Standardization Reference: STID E00548 (Declassification Category)

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ON-LINE LONG NAME: SEC-MARKINGS

ON-LINE SHORT NAME: 0180

BATCH MNEMONIC: MARKN

FIELD LENGTH: 002 Alpha

DESCRIPTION: Control and Release Marking. Indicates special notations (caveats) for special handling and/or releasability restrictions or requirements assigned to the data within the record.

EXPLANATION: Codes for input are contained in DIAM 65-19, Standard Security Markings, 22 July 1977, as amended.

Standardization Reference: STID E00355 (Control and Release Marking)

CONFIDENTIAL

ON-LINE LONG NAME: REL-CODE

ON-LINE SHORT NAME: 0190

BATCH MNEMONIC: RELCD

FIELD LENGTH: 001 Alpha

DESCRIPTION: Nomenclature Release Code. Indicates equipment nomenclatures not provided for foreign release.

EXPLANATION: Coded as follows:

<u>CODE</u>	<u>ITEM</u>
blank	Available for release to Australia, Canada, New Zealand, United Kingdom, the Netherlands and the Federal Republic of Germany.
N	Not available for foreign release (specifically, not available for release to NATO).
G	Available for release to Australia, Canada, New Zealand, United Kingdom, and the Netherlands, but not available for release to the Federal Republic of Germany.

NOTE: Consumers/users should note that authority to release the EISF file or portions thereof to foreign governments and international organizations rests with DIA. The EISF file or portions thereof may be released to the proposed recipients only when specifically approved by the DIA Foreign Disclosure Division (DI-4).

CONFIDENTIAL

ON-LINE LONG NAME: POWER

ON-LINE SHORT NAME: 0615

BATCH MNEMONIC: POWER

FIELD LENGTH: 001 Alpha

DESCRIPTION: Aircraft Power: Power identifies the type propulsion used by the aircraft, indicated in the EQ-WEAPON-NOMEN. This field is used only for the A (Aircraft, Fixed Wing Related) and B (Aircraft, Rotary Wing Related) Equipment Records.

EXPLANATION: Coded as follows:

<u>CODE</u>	<u>ITEM</u>
J	Jet
T	Turboprop
P	Prop
B	Turbine
G	Glider/Sailplanes

NOTE: This field is utilized as a look-up table for the DIOBS Air Order of Battle Power (POWER) field.

CONFIDENTIAL

ON-LINE LONG NAME: EQ-WEAPON-NOMEN

ON-LINE SHORT NAME: 0710

BATCH MNEMONIC: EQDSG

FIELD LENGTH: 025 Alphanumeric

DESCRIPTION: Equipment-Weapon Nomenclature.

EXPLANATION: Coded with the alphanumeric equipment name. This field is utilized for Equipment Records only. The first portion (left most) of the Equipment-Weapon Nomenclature field contains a generalized category of equipment, usually abbreviated, such as ACFT, ADA, NGUN, etc., followed by the actual equipment designation such as E-15, GAZ-503MT, F-104 etc. when applicable. For naval vessels (Equipment Families C,D,E&F) the generalized category used is the ship type designator (i.e. SS, DDG, YDT, etc.), followed by the ship class name. The abbreviation records in this file may be consulted for the interpretation of abbreviations used in the Equipment-Weapon Nomenclature field. The designations used in this field consist of the most generally used/accepted and/or standardized designation for the piece of equipment described. Secondary designations in parenthesis are included where necessary to help identify some equipments. Equipments built/assembled in several countries which use the same designation for the equipment are identified as to the producer country when applicable by the DoD standard Country Code in parenthesis.

CONFIDENTIAL

ON-LINE LONG NAME: EQUIP-CLASS

ON-LINE SHORT NAME: 0715

BATCH MNEMONIC: NCLAS

FIELD LENGTH: 001 Alpha

DESCRIPTION: Security Classification of Equipment-Weapon Nomenclature.
Indicates the security classification of the equipment-weapon
nomenclature data in the EQ-WEAPON-NOMEN (0710/EQDSG) field.

EXPLANATION: Codes as follows:

<u>CODE</u>	<u>ITEM</u>
U	Unclassified
C	Confidential
S	Secret

Standardization Reference: STID E00157 (Security Classification)

CONFIDENTIAL

ON-LINE LONG NAME: EQUIP-GENERIC

ON-LINE SHORT NAME: 0750

BATCH MNEMONIC: EQGEN

FIELD LENGTH: 010 Alphanumeric

DESCRIPTION: Equipment Generic. A coded field indicating generic groupings of equipment nomenclatures. The purpose of the field is to assist users in making on-line queries to obtain listings of similar equipment types.

EXPLANATION: Common codes are as follows (NOTE: Some items have been included under several groups when applicable):

a. AIRCRAFT

ACFT-ASW	Anti-Submarine Warfare Aircraft
ACFT-BMR	Bomber Aircraft
ACFT-FTR	Fighter, Attack and Fighter-Bomber Aircraft
ACFT-MROLE	Multi-Role Aircraft
ACFT-RECON	Reconnaissance Aircraft
ACFT-TNG	Trainer Aircraft
ACFT-TNK	Tanker Aircraft
ACFT-TRNSP	Transport Aircraft
ACFT-UTIL	Utility Aircraft
HEL-ASW	Anti-Submarine Warfare Helicopter
HEL-ATK	Attack Helicopter
HEL-SPT	Support/Lift Helicopter
HEL-TNG	Trainer Helicopter
HEL-UTIL	Utility Helicopter
LT-AIR	Lighter-Than-Air Devices/Aircraft
RPH	Remotely Piloted Helicopters
RPV	Remotely Piloted Vehicles/Drones (Fixed Wing)

b. NAVAL/MERCHANT VESSELS:

AMF	Amphibious Warfare Ships
AUX	Auxiliary Ships and Craft (other auxiliaries)
BLK	Bulk Cargo
CFT	Small Boats/Craft
CGF	Cargo (fishing)
CGO	Dry Cargo, Break Bulk
FAC	Factory (fishing)
FSH	Fish Catcher
HVR	Hovercraft

CONFIDENTIAL

EQUIP-GENERIC/0750/EQGEN (continued)

<u>CODE</u>	<u>ITEM/CATEGORY</u>
ICE	Ice Breakers (Non-Naval)
LNC	Amphibious Warfare Craft
MAT	Material Support Ships (Naval)
MER	Other Merchant Vessels
MIN	Mine Warfare Ships
MIS	Uncategorized (Merchant) Ships
MJC	Principal Surface Combatants
MMA	Miscellaneous Military Auxiliary (in Merchant Service)
MWC	Mine Warfare Craft
PAS	Passenger
PCM	Patrol Combatants
PCS	Coastal Patrol-River/Roadstead Craft
REF	Refrigerator (Fishing)
RES	Research
RIV	River-Sea Military Auxiliary (in Merchant Service)
SPA	Space Event Support
SUB	Submarines
SUP	Fleet Support Ships (Naval)
SVC	Service Craft (Non-Naval)
TKR	Liquid Cargo
TRN	Training (Non-Naval)
TUG	Tug (Non-Naval)
URS	Underway Replenishment Craft (Naval)
VAC	Aircraft Carriers
YRD	Yard/Service Craft (Naval)

c. VEHICULAR:

ACRV	Army Command and Reconnaissance Vehicle
ACV	Armored Command Vehicle
AEV	Armored Engineer Vehicle
AFV	Armored Fighting Vehicle
AIFV	Armored Infantry Fighting Vehicle
AMB	Ambulance
APC	Armored Personnel Carrier
ARC	Armored Reconnaissance Carrier
ARV	Armored Recovery Carrier
ASV	Armored Support Vehicle
AV	Armored Vehicle
AVLB	Armored Vehicle Launched Bridge

CONFIDENTIAL

CONFIDENTIAL

EQUIP-GENERIC/0750/EQGEN (continued)

<u>CODE</u>	<u>ITEM/CATEGORY</u>
BRIDGE	Vehicle Lunched Bridges (excluding AVLB)
BUS	Bus
CHASSIS	Vehicle/Truck/Trailer Chassis
ENG-EQUIP	Engineer Equipment (Vehicular-Specialized)
ENG-TRTR	Engineer Tractors
ENG-VEH	Engineer Vehicles
FORKLIFT	Forklifts and Other Material Handling Equipment
HET	Heavy Equipment/Tank Transporter
MTRCYCL	Motorcycle
SEDAN	Cars/Autos/Sedans
TANK	Tanks
TRK	Trucks and Other Vehicles
TRLR	Trailers and Vehicles
TRTR	Truck Tractors

d. MISSILE AND MISSILE ASSOCIATED (Except Radars and FCS):

AA	Air-to-Air Missile
ALBM	Air Launched Ballistic Missile
AS	Air-to-Surface Missile
ATGM	Anti-Tank Guided Missile
GMLS	Guided Missile Launcher Systems
ICBM	Inter-Continental Ballistic Missile
IRBM	Intermediate Range Ballistic Missile
MRBM	Medium Range Ballistic Missile
MSL-LCHR	Missile Launcher
SAM	Surface-to-Air Missile
SLBM	Submarine Launched Ballistic Missile
SSC	Surface-to-Surface Cruise Missile
SSN	Surface-to-Surface (Naval) Missile
SRBM	Short Range Ballistic Missile

e. WEAPONS/AMMO (Except Nuclear, Missile, Armored
Vehicles & Tanks):

AAMG	Anti-Aircraft Machine Gun
ADA	Air Defense Artillery
AMMO	Small Arms Ammunition
ASSLT	Assault Gun
ATGN	Anti-Tank Gun
ATRCTL	Anti-Tank Rocket Launcher
BOMB	Conventional Bombs (less Nuclear)
CDARTY	Coastal Defense Artillery
FA	Field Artillery Guns

CONFIDENTIAL

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EQUIP-GENERIC/0750/EQGEN (continued)

<u>CODE</u>	<u>ITEM/CATEGORY</u>
FLAME	Flame Throwers
FROG	Free-Rocket-Over-Ground
GREN	Grenade
GRLCHR	Grenade Launcher
HOW	Howitzer
MG	Machine Guns (includes Sub-Machine Guns)
MORT	Mortars, Mortar Carriers, Mortar Ammunition
NUCLEAR	All Nuclear Weapons, Warheads, Bombs, Torpedoes, Rockets & Depth Charges
PSTL	Pistols/Revolvers
RCLS	Recoilless Rifles
RFL	Rifles and Shotguns

f. NAVAL ASSOCIATED WEAPONS/EQUIPMENT:

GUN-MT	Naval Gun Mount
MINE	Mine Warfare Equipment (excluding Ships and Craft)
NMINE	Naval/Sea Mine
OUTBOARD	Outboards
SLBM	Submarine Launched Ballistic Missile
SONAR	Sonar/Sonobuoy
SSN	Surface-to-Surface (Naval) Missile
TAC-DATA	Tactical Data Systems/Equipment
TGT-DESIG	Target Designation Equipment
TORPEDO	Torpedoes/Torpedo Tubes
WPN-DIR	Weapons Direction Systems/Equipment

g. RADARS/ELECTRONICS:

ECM	Electronic Countermeasures Equipment/ Receivers
EW-EQP	Electronic Warfare Equipment
RADIOSONDE	Radiosonde
IONOSONDE	Ionosondes
RDR-ASR	Airport Surveillance Radar
RDR-ATC	Air Traffic Control Radar
RDR-CBRTY	Counter Battery Radar
RDR-CMORT	Counter Mortar Radar
RDR-CSR	Coastal Surveillance Radar
RDR-DC	Drone Control Radar
RDR-EW	Early Warning Radar
RDR-EW/ACQ	Early Warning/Acquisition Radar
RDR-EW/GCI	Early Warning/Ground Control Intercept Radar
RDR-EW/TRK	Early Warning/Tracking Radar

CONFIDENTIAL

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EQUIP-GENERIC/0750/EQGEN (continued)

<u>CODE</u>	<u>ITEM/CATEGORY</u>
RDR-FC	Fire Control Radar
RDR-GCA	Ground Controlled Approach Radar
RDR-HBRS	Harbor Surveillance Radar
RDR-HF	Height Finder Radar
RDR-IFF	Identification-Friend-or-Foe Radar
RDR-MET	Meteorological Radar
RDR-MSL	Missile Guidance and/or Tracking Radar
RDR-PAR	Precision Approach Radar
RDR-SATL	Satellite Tracking Radar
RDR-SCI	Scientific/Research Radar
RDR-SP	Space Radars
RDR-SURV	Surveillance Radar
RDR-X	Other/Unknown/Mixed Radars
RMT-DET	Remote Detection Devices

h. COMMUNICATIONS/ADP (Except Satellites):

ADP	Automatic Data Processing Equipment/ Computers/Display Devices
FACSIMILE	Facsimile Equipment
INTCP	Communications Intercept Equipment
INTERCOM	Intercom Equipment
MICROWAVE	Microwave Equipment
MULTIPLX	Multiplexer Equipment
RADIO	Radios
RCVR	Communications Receivers
RD-FREQ	Radio Frequency Amplifiers
RD-REL	Radio Relay Equipment
TEL	Telephone Equipment
TELEGPH	Telegraph Equipment
TELEPTR	Teletypewriter Equipment
TRNMTR	Communications Transmitters
TRNSCVR	Communications Transceivers
TROP-SCTR	Tropospheric Scatter Equipment

i. OTHER EQUIPMENT:

AER-CMRA	Aerial Cameras
AIM-CIR	Aiming Circles
ANIMAL	Animals
CAMOUFLAGE	Camouflage Equipment
CEILOMETER	Ceilometers
CHEM	Chemical Warfare Equipment (except Vehicular)

CONFIDENTIAL

CONFIDENTIAL

EQUIP-GENERIC/0750/EQGEN (continued)

<u>CODE</u>	<u>ITEM/CATEGORY</u>
CHAFF	Chaff Rocket Launchers/Equipment
CNTR	Containers (Aerial, Shipping, Storage, POL), Drums, Cans, Dracones, Crates, etc.
COLL	Collimators
ECHO	Echographs
FCS	Fire Control Equipment/Systems
FUZE	Weapon/Mine/Bomb/Torpedo Fuzes
GEN	Generators
GYROCOM	Gyrocompass
GYROTH	Gyrotheodolites
ISOCON	Isocons
LCS	Launcher Control Systems
LOCO	Railroad Locomotives
LSR-ILL	Laser Illuminator
OD-RIG	Off Shore Drilling Rigs
ORTHICON	Orthicons
OXY-EQ	Oxygen Equipment
PARACHUTE	Parachutes
PROF	Profilographs
PUMP	POL/Oil/Water Pumps
RADOME	Radomes
RNG-FNDR	Range Finder Equipment
RR	Railroad Rolling Stock
SATL	Satellites
SHELTER	Field Shelters
SIGHT	Weapon Sights/Predictors
SLV	Space Launch Vehicles
SND-RNG	Sound Ranging Equipment
SP	Space Probes
TEL-MTR	Tellurometers
THEODL	Theodolites
TRAINSET	Trainsets and Rail Cars
VIDICON	Vidicons
WTR-EQ	Water Filtration, Purification and Desalination Equipment (excluding Vehicles)

CONFIDENTIAL

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ON-LINE LONG NAME: CNTRY-MANUFAC

ON-LINE SHORT NAME: 0760

BATCH MNEMONIC: CNMNF

FIELD LENGTH: 002 Alpha

DESCRIPTION: Country of Manufacture. Indicates the primary country of manufacture for the equipment described in the EQ-WEAPON-NOMEN (0710/EQDSG) field.

EXPLANATION: Coded with the Standard DoD (DIAM 65-18) Country Codes or entry U for 'Unknown' or blank if not applicable.

NOTE: This field is used only for Equipment Records.

Standardization Reference: STID E00048 (Countries of the World), DUI 010 (Country Where Manufactured/Constructed).

CONFIDENTIAL

ON-LINE LONG NAME: OLD-EQUIP-CONTROL

ON-LINE SHORT NAME: 0770

BATCH MNEMONIC: OLDEG

FIELD LENGTH: 005 Alphanumeric

DESCRIPTION: Old Equipment Control Number. Contains the former equipment control number for those nomenclatures which have been changed/transferred from one hierarchical grouping to another. Such transfers are required from time to time as additional intelligence information becomes available for a piece of equipment or as a result of continued analysis.

EXPLANATION: Input as required using the same conventions as indicated for the EQUIP-CONTROL (0010/EQCDE) field.

CONFIDENTIAL

ON-LINE LONG NAME: RECORD-SORT

ON-LINE SHORT NAME: 0780

BATCH MNEMONIC: RSORT

FIELD LENGTH: 001 Alphanumeric

DESCRIPTION: Record Sort. This is a DIA administrative field to be used to pre-sort certain records for R.P.G. output in the on-line file.

EXPLANATION: Allowable values: blank, 0 thru 9 and A thru Z.

CONFIDENTIAL

ON-LINE LONG NAME: PRIMARY-ASSN

ON-LINE SHORT NAME: 0790

BATCH MNEMONIC: PASSN

FIELD LENGTH: 001 Alpha

DESCRIPTION: Order of Battle Association, Primary. Indicates the order of battle type that the piece of equipment is normally associated with.

EXPLANATION: Coded as follows:

<u>CODE</u>	<u>ITEM</u>
A	Primarily Air Order of Battle (AOB) related.
E	Primarily Electronic Order of Battle (EOB) related. (Including communications equipment).
G	Primarily Ground Order of Battle (GOB) related. (Including equipment associated with ground logistics, ground transport and marine/paraamphibious forces).
M	Primarily Missile Order of Battle (MOB) related.
N	Primarily Naval Order of Battle (NOB) related. (Including merchant shipping).
S	Primarily Space Order of Battle (SOB) related.
V	Primarily variously related. Equipments primarily related to two or more types of order of battle disciplines.
U	Primary order of battle type association is unknown.

NOTE: This field is utilized for equipment records only.

CONFIDENTIAL

ON-LINE LONG NAME: SECOND-ASSN

ON-LINE SHORT NAME: 0795

BATCH MNEMONIC: SASSN

FIELD LENGTH: 001 Alpha

DESCRIPTION: Order of Battle Association, Secondary. Indicates the order of battle type that the piece of equipment is secondarily associated with.

EXPLANATION: Coded as follows:

<u>CODE</u>	<u>ITEM</u>
A	Secondarily Air Order of Battle (AOB) related.
E	Secondarily Electronic Order of Battle (EOB) related.
G	Secondarily Ground Order of Battle (GOB) related.
M	Secondarily Missile Order of Battle (MOB) related.
N	Secondarily Naval Order of Battle (NOB) related.
S	Secondarily Space Order of Battle (SOB) related.
V	Secondarily various related to two or more types of order of battle disciplines.

Secondary order of battle type association is not known, not applicable, or not assigned.

NOTE: This field is utilized for equipment records only.

CONFIDENTIAL

ON-LINE LONG NAME: SHIP-TYPE

ON-LINE SHORT NAME: 0800

BATCH MNEMONIC: SHPTY

FIELD LENGTH: 006 Alpha

DESCRIPTION: Ship Type. Indicates an extracted portion of the EQ-WEAPON-NOMEN (0710/EQDSG) field for Equipment Families C (Vessels, Combatant Ship Category), D (Vessels, Combatant Craft Category), E (Vessels, Auxiliary Ship Category), F (Vessels, Support Craft Category) and H (Vessels, Military in Non-Military Service and/or Civil Service Manned Naval Auxiliaries) to consist of the Naval Ship Type for Equipment Families B, C, D, and F and the Ship Type, Military, in Non-Military Service for Equipment Family H. The Naval Ship Type (Families C, D, E, and F) corresponds to the entries for the Ship Type (SHPTY) field in the DIOBS Naval Order of Battle file¹, and serves as a look-up table for that file. Ship Type may be defined as the primary mission and function of the vessel. Ship Type is coded with the alpha character Ship Type Designator. For descriptions of and further information on Ship Type Designators please consult the following:

- a. DIA document DDB-1200-47-YR, "Glossary of Naval Ship Types (GNST)".
- b. DIA document DDM-2600-1721-YR, "Order of Battle Equipment Codes and Nomenclature, Appendix IV".
- c. Department of the Navy document SECNAVINST 5030.1H OP-902, "Classification of Naval Ships and Craft," 11 January 1978.

EXPLANATION: The extracted ship type portion of Equipment Families C, D, E, F, and H represent the acceptable values for this field.

1/ Except for some ship types unique only to the U.S. Navy.

Standardization References: STID E00660 (Ship Type, Naval) and STID E00959 (Ship Type, Military, in Non-Military Service).

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ON-LINE LONG NAME: SHIP-TYPE-SRT-GP

ON-LINE SHORT NAME: 0805

BATCH MNEMONIC: SGRUP

FIELD LENGTH: 006 Numeric

DESCRIPTION: Ship Type Sorting Group. A sequential numerical entry to all ship records to indicate the Major Ship Type Group and the Ship Type Sorting Number which has been assigned to the Ship Type as utilized in the DIOBS Naval Order of Battle file. This field applies only to Equipment Families C (Vessels, Combatant Ship Category), D (Vessels, Combatant Craft Category), E (Vessels, Auxiliary Ship Category), and F (Vessels, Support Craft Category). This field serves as a look-up table for the SGRUP field utilized in the DIOBS-NOB file.

EXPLANATION: This field is divided into two sub-fields/synonyms as follows:

- a. Positions: 1, 2
 On-Line Long Name: SHIP-TYPE-GROUP
 Batch Mnemonic: IOISC

Ship Type Grouping (IOISC) Number. Indicates the major grouping of ship types to which the ship type is assigned as follows:

<u>CODE</u>	<u>ITEM</u>
01	Submarines
02	Aircraft Carriers
03	Principal Surface Combatants
04	Patrol Combatants
05	Amphibious Warfare Ships
06	Mine Warfare Ships
07	Coastal Patrol-River/Roadstead Craft
08	Amphibious Warfare Craft
09	Mine Warfare Craft
10	Underway Replenishment Ships
11	Material Support Ships
12	Fleet Support Ships
13	Other Auxiliaries
14	Yard and Service Craft

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SHIP-TYPE-SRT-GP/0805/SGRUP (continued)

b. Positions: 3-6
On-Line Name: SHIP-TYPE-SORT
Batch Mnemonic: SRTTY

Ship Type Sorting Number. A four digit numerical entry indicating the sequence in which each ship type falls within each Ship Type Grouping.

See DIA document DDM-2600-1721-YR, "Order of Battle Equipment Codes and Nomenclature, Appendix IV", for the acceptable values for this field.

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ON-LINE LONG NAME: SHIP-CLASS-NAME

ON-LINE SHORT NAME: 0820

BATCH MNEMONIC: SCNAM

FIELD LENGTH: 020 Alphanumeric

DESCRIPTION: Ship Class Name. Identifies the vessel class name given to one or more vessels because of a similarity in configuration, capability, and construction history. This field contains the extracted Ship Class Name portion of the EQ-WEAPON-NOMEN (0710/EQDSG) Field for Equipment Families C (Vessels, Combatant Ship Category), D (Vessels, Combatant Craft Category), E (Vessels, Auxiliary Ship Category), F (Vessels, Support Craft Category) and H (Vessels, Support Craft Category) and H (Vessels, Military in Non-Military Service and/or Civil Service Manned Naval Auxiliaries). The Ship Class Name for Equipment Families C, D, E, and F corresponds to the entries for the Ship Class Name (SCNAM) field in the DIOBS Naval Order of Battle files, and serves as a look-up table for that file. Ship Class Name may be defined as the name of the naval ship designated as the prototype of all vessels of the same class, i.e., those ships having a marked similarity in configuration, characteristics, and capabilities. A prototype is the first to be identified - usually the first constructed.

EXPLANATION: Acceptable values consist of the extracted Ship Class Name portion of Equipment Families C, D, E, F, and H.

Standardization Reference: STID E00674 (Ship Class, Naval).

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DN-LINE LONG NAME: SHIP-TYPE-DESCP

DN-LINE SHORT NAME: 0830

BATCH MNEMONIC: SHPDS

FIELD LENGTH: 060 Alphanumeric

DESCRIPTION: Ship Type Description. Indicates the long name title/description of the Naval Ship Type. This field serves as a look-up table for the Naval Order of Battle file (NOB).

EXPLANATION: Input only for those entries in Equipment Families C, D, E, and F whose EQ-WEAPON-NOMEN (0710/EQDSG) field entries designated a naval ship type (without corresponding ship class name). The EQUIP-CONTROL (0010/EQCDE) field entry for such entities will always be either \$\$\$A1 or \$\$\$Z1. Only Ship Type Descriptions approved by the DIA Ship Type Coordinator in DIA/DB-1C are allowed for input.

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ON-LINE LONG NAME: REMARKS

ON-LINE SHORT NAME: 1000

BATCH MNEMONIC: PBRMK

FIELD LENGTH: 060 Alphanumeric

DESCRIPTION: Remarks. Provides 60 character spaces for remarks data.

EXPLANATION: Data input as follows:

<u>TYPE OF RECORD</u>	<u>APPLICABLE REMARKS ENTRIES</u>
Equipment Record	Expanded equipment names/nomenclatures when applicable to provide additional definitive information.
Abbreviation Record	Explanation of the abbreviation entry contained in the ABBREV (075/ABBREV) field.
Introductory Record	General comments or introductory information about the file. The sequence of each record line of Remarks is determined by the numerical sequence of the EQUIP-CONTROL (0010/EQCDE) numerical entry.
Methodology Record	Explanative information describing the equipment code assignment methodology. The proper sequence of each remark is determined by the numerical sequence of the EQUIP-CONTROL (0010/EQCDE) numerical entry.

NOTE: All data input to this field must be classified via use of the REMARKS-CLASS (1010/RCLAS) field.

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ON-LINE LONG NAME: REMARKS-CLASS

ON-LINE SHORT NAME: 1010

BATCH MNEMONIC: RCLAS

FIELD LENGTH: 001 Alpha

DESCRIPTION: Security Classification of Remarks Field Data. Indicates the highest security classification of data in the REMARKS (1000/PBRMK) field.

EXPLANATION: Coded as follows:

<u>CODE</u>	<u>ITEM</u>
U	Unclassified
C	Confidential
S	Secret

Standardization Reference: STID E00157 (Security Classification).

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ON-LINE LONG NAME: ELEC-CAT-NUM

ON-LINE SHORT NAME: 1100

BATCH MNEMONIC: EERDB

FIELD LENGTH: 006 Alphanumeric

DESCRIPTION: Electronic Equipment Registry Data Base (EERDB) Catalogue Number. Indicates a specific number identifier associated with each Electronic Order of Battle (EOB) Equipment Nomenclature as contained in the Electronic Equipment Registry Data Base (EERDB), which serves as the standardized, NISC produced, electronic nomenclature for the DIOBS-EOB file. This field is divided into two synomys:

<u>POSITION(S)</u>	<u>ON-LINE LONG NAME</u>	<u>BATCH MNEMONIC</u>	<u>DESCRIPTION</u>
1	ELEC-TYPE	ELECT	Electronic Equip- ment Type
2-6	ELEC-NUM	ELECN	Electronic Equip- ment Type

EXPLANATION: The first position of this field (ELEC-TYPE/ELECT) is coded as follows:

<u>CODE</u>	<u>DESCRIPTION</u>
E	SIGINT and ECM (Electronic Countermeasures) Equip- ment
C	Communications Equipment
0 thru 9	All other tyes of non-communications electronic equipment

Positions 2 thru 6 (ELEC-NUM/ELECN) contains an arbitrary numeric entry indicating the unique electronic equipment as contained in the EERDB. Acceptable values 00001 thru 99999.

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ON-LINE LONG NAME: n/a

ON-LINE SHORT NAME: n/a

BATCH MNEMONIC: OTLID

FIELD LENGTH: 016 Alphanumeric

DESCRIPTION: Object Target List Identification. A Field Group composed of the following fields which in total identify/cross-reference an equipment to the Object Target List (OTL).

<u>ON-LINE SHORT NAME</u>	<u>ON-LINE LONG NAME</u>	<u>SIZE</u>	<u>BATCH MNEMONIC</u>	<u>FIELD DESCRIPTION</u>
1110	COMIREX-NR	010	COMRX	COMIREX Number
n/a	n/a	001	BLNK2	Blank Field #2
1115	OTL-CLASS-CD	005	OTLCC	Object Target List Category Code

EXPLANATION: See the respective fields (1110/COMRX, BLNK2, and 1115/OTLCC) for definitions/acceptable values.

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ON-LINE LONG NAME: COMIREX-NR

ON-LINE SHORT NAME: 1110

BATCH MNEMONIC: COMRX (Batch Field Group: OTLID)

FIELD LENGTH: 010 Alphanumeric

DESCRIPTION: COMIREX Number. Indicates the control number assigned to a photo objective by a National Foreign Intelligence Board Committee. This field provides a cross index to the Object Target List (OTL). This field is divided into five sub-fields/synonyms:

<u>POSITION(S)</u>	<u>ON-LINE LONG NAME</u>	<u>BATCH MNEMONIC</u>	<u>DESCRIPTION</u>
1,2	OTL-OBJ-CD	OTLOC	<u>Object Target List Object Code</u> . The OTL hierarchical object code. These codes are identified in the Object Classification Manual.
3	OTL-DASH	DASHF	<u>Object Target List Dash</u> . The conventional dash utilized to separate the OTL Object Code from the OTL Number.
4-7	OTL-NR	OTLNR	<u>Object Target List Number</u> . The 4 character numeric entry assigned sequentially to objects within each OTL category.
8	OTL-BLANK	BLNK1	<u>Blank Field #1</u> . A conventional blank utilized in the COMIREX number to separate the OTL Number from the OTL Suffix.
9,10	OTL-SUFFIX	OTLSF	<u>Object Target List Suffix</u> . A two digit numerical entry which can be used together with the OTL Object Code and OTL Number to identify a single or individual object within a class or type of objects.

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ON-LINE LONG NAME: n/a

ON-LINE SHORT NAME: n/a

BATCH MNEMONIC: BLNK2 (Batch Field Group: OTLID)

FIELD LENGTH: 001 Blank

DESCRIPTION: Blank Field #2. A conventional blank utilized in the batch (off-line) file to separate the COMIREX Number from the Object Classification Code.

EXPLANATION: Blank only.

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ON-LINE LONG NAME: OTL-CLASS-CD

ON-LINE SHORT NAME: 1115

BATCH MNEMONIC: OTLCC (Batch Field Group: OTLID)

FIELD LENGTH: 005 Numeric

DESCRIPTION: Object Target List Category Code. The OTL Object Classification Code/Category.

EXPLANATION: Acceptable values: 10000 thru 72000. Consult the Object Classification Manual for specific value codes/descriptions.

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ON-LINE LONG NAME: ESAF-NR

ON-LINE SHORT NAME: 1120

BATCH MNEMONIC: ESAFI

FIELD LENGTH: 003 Alpha

DESCRIPTION: European Special Activities Facility (ESAF) Equipment Code Index. A cross index to the ESAF equipment code file.

EXPLANATION: Acceptable alpha values in range AAA thru ZZZ and A blank blank thru Z blank blank.

NOTE: This field is utilized for applicable Equipment Records only.

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ON-LINE LONG NAME: NATO-FORCE-CD

ON-LINE SHORT NAME: 1130

BATCH MNEMONIC: NFPDB

FIELD LENGTH: 007 Alphanumeric

DESCRIPTION: NATO Force Planning Data Base Code. Indicates, for U.S. produced equipment only, the NATO code utilized in Command and Control Technical Center's (CCTC) Standard Equipment Codes Data Base.

EXPLANATION: Left-justified.

NOTE: This field is utilized for applicable Equipment Records only.

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ON-LINE LONG NAME: FOMCAT-NR

ON-LINE SHORT NAME: 1140

BATCH MNEMONIC: FOMCT

FIELD LENGTH: 022 Alphanumeric

DESCRIPTION: FOMCAT Cross-Index Number. Indicates the unique equipment number utilized in the Catalog of Foreign Material (FOMCAT). This field is divided into five sub-fields/synonyms as follows:

<u>POSITION(S)</u>	<u>ON-LINE LONG NAME</u>	<u>BATCH MNEMONIC</u>	<u>DESCRIPTION</u>
1-3	FOM-ACRYM	FOMAC	<u>FOM Acronym</u> . All FOMCAT numbers are preceded by the FOM Acronym.
4	FOM-DH1	FOMD1	<u>FOM Dash #1</u> . A conventional dash utilized to separate the FOM Acronym from the FOM Group Class.
5-8	FOM-GP-CLAS	FOMGC	<u>FOM Group Class Code</u> . A 4 digit numerical entry representing the FOM Group Class. The first two digits (positions 5&6) represent the Defense Supply Agency's Federal Supply Classification (FSC) System, and the last two digits (positions 7&8) identify the class division within the group. Only those FSC groups and classes anticipated as being involved in Army intelligence interests are utilized for foreign material, and some group classes have been modified in order to be applicable specifically to foreign material. For definitions of the FOM Group Clas Codes consult the listing provided

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FOMCAT-NR/1140/FOMCT (continued)

<u>POSITION(S)</u>	<u>ON-LINE LONG NAME</u>	<u>BATCH MNEMONIC</u>	<u>DESCRIPTION</u>
			in any of the 24 FOMCAT volumes. This field represents the first component of the FOM number.
9	FOM-DH2	FOMD2	<u>FOM Dash #2.</u> A conventional dash utilized to separate the FOM Group Class Code from the FOM Component Number.
10-22	FOM-COM	FOMCN	<u>FOM Component Number.</u> Thirteen alphanumeric positions identifying the remaining components of the FOM number (Components 2 thru 5). Each component is separated by a dash and can briefly be defined as follows:

FOM Components 2 thru 5

a. The second component represents country of manufacture. "0" indicates materiel of United States origin used by a foreign country or countries, which is not used as standard materiel by US forces. "1" represents materiel for which the country of origin is unidentified. For further differentiation, "1A" signifies that the country is completely unidentified; "1B" denotes the belief that the item was produced in one of the Communist countries; and "1C" indicates the belief that the item is of free world origin. The other numbers are used to identify specific countries.

b. The third component represents the initial subcategorization of the class, or, if there are no subdivisions of the class, the next sequential number assigned to the item of materiel.

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FOMCAT-NR/1140/FOMCT (continued)

c. The remaining components arrange the items of material in a logical order within the subclass and identify the assigned sequential number. Variations occur within the subclass in the number of numerical components required to pinpoint further the specific item. For example, a component may or may not require an indication of caliber, and a component may or may not be required to show a variation of the original design of model.

d. The fourth component, indicates caliber for conventional ordnance materiel such as infantry weapons or artillery. For other items of materiel, the fifth component indicates the sequence of the item.

e. The fifth component, indicates that the item is the first variant of the basic category, or, if the fourth component indicates caliber, the fifth component reports sequence (and a seventh component is added, if necessary, to indicate a variant of a basic category).

For additional information on FOMCAT numbers please consult the introductory material included in each FOMCAT volume.

NOTE: This field is utilized for applicable Equipment Records only.

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ON-LINE LONG NAME: NEE0-NUMBER

ON-LINE SHORT NAME: 1150

BATCH MNEMONIC: NEEON

FIELD LENGTH: 005 Alphanumeric

DESCRIPTION: NAVELEC Number. Control number for the equipment object
as listed by the Naval Electronic Systems Engineering Center
(Portsmouth)

EXPLANATION: Coded alphanumerically as applicable.

NOTE: This field is used for equipment records only.

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ON-LINE LONG NAME: SOURCE-ONE

ON-LINE SHORT NAME: 1200

BATCH MNEMONIC: NOMS1

FIELD LENGTH: 020 Alphanumeric

DESCRIPTION: Nomenclature Source, Primary. Indicates a document number and/or document title/description from which the equipment nomenclature listed in the EQ-WEAPON-NOMEN (0710/EQDSG) field was obtained, and indicates the primary document/source which users may consult for additional technical/characteristical/performance data regarding the specific equipment. All entries are left-justified with trailing blanks as applicable. For full titles of the documents indicated in this field, please consult Appendix V of DIA document DDM-2600-1791-YR, "DIOBS Order of Battle Equipment Codes and Nomenclature (U)".

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ON-LINE LONG NAME: SOURCE-TWO

ON-LINE SHORT NAME: 1210

BATCH MNEMONIC: NOMS2

FIELD LENGTH: 020 Alphanumeric

DESCRIPTION: Nomenclature Source, Secondary. Indicates a secondary document/source which users may consult for additional technical/characteristical/performance data regarding the specific equipment. All entries are left-justified with trailing blanks as applicable. For full titles of the documents indicated in this field, please consult Appendix V of DIA document DDM-2600-1791-YR, "DIOBS Order of Battle Equipment Codes and Nomenclature (U)".

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ON-LINE LONG NAME: SOURCE-THREE

ON-LINE SHORT NAME: 1220

BATCH MNEMONIC: NOMS3

FIELD LENGTH: 020 Alphanumeric

DESCRIPTION: Nomenclature Source, Additional. Indicates a third or additional document/source which users may consult for additional technical/characteristical/performance data regarding the specific equipment. All entries are left-justified with trailing blanks as applicable. For full titles of the documents indicated in this field, please consult Appendix V of DIA document DDM-2600-1791-YR; "DIOBS Order of Battle Equipment Codes and Nomenclature (U)".

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**SECTION IV
FILE FORMAT LAYOUT**

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COLUMNS 1 - 7 (All Cards):

		MAINT	
EQCDE	EQNUM		
	EQFAM		

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EA	Card Type	
	RCTYP	
	EQDSG	
	CHGTD	
	MNSEQ	
	MARKN	
	DNGRD	
	CLASF	
	RELCD	
	NCLAS	

	RECMT	
	ORIGN	
	RSQRT	
	CNMNF	
	POWER	
	EQGEN	
	ELECT	
EERDB	ELECN	
	PASSN	
	SASSN	

EA CARD:

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EC CARD:

Card Type		EC
OTLID		
COMRX	OTLCC	
	OTLNR	
	DASHF	
	OTLNR	
	BLNK1	
	OTLSF	
	BLNK2	
NFPDB		
ESAFI		

FOMCT		
FOMAC		
FOMD1		
FOMGC		
FOMD2		
FOMCN		
NEEON		

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ED CARD:

ED	
Card Type	RCLAS
PBRMK	

OLDEQ	

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EE CARD:

EE	NOMS1	NOMS2
Card Type		

NOMS3

CONFIDENTIAL

CONFIDENTIAL

EF CARD:

Card Type	EF
SHPDS	

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