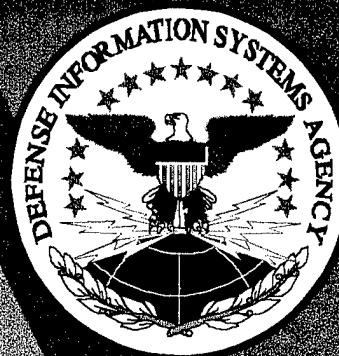




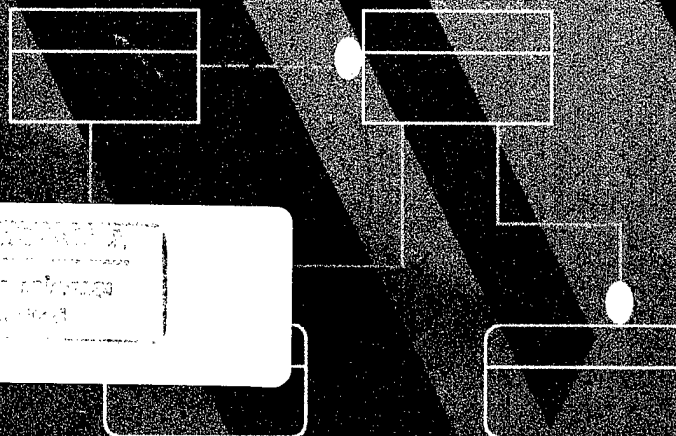
# Department of Defense Data Model

VERSION 1

FY 1999

Volume 4

30 November 1998



DEFENSE INFORMATION AGENCY  
Approved for public release  
Distribution unlimited

19990203 005

Defense Information Systems Agency

*FAX TO: Jeanette Kingery 767-9089 (V: 767-9090)*  
attention MS. Pat Mawby 767-8019

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2. Report Date: 01/29/1999
3. Report Type and Dates Covered:  
Final for dates through 30 Nov 1998
4. Title and Subtitle:

**DOD Data Model Version 1-99 Volume 1**

Executive Summary

Introduction

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By Entity.

SECTION 2: Entity To View To Subject Area Cross Reference Sorted  
By View.

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SECTION 3.2 ACTION

SECTION 3.3 AGREEMENT

SECTION 3.4 CAPABILITY

SECTION 3.5 DOCUMENT

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DTIC QUALITY INSPECTED 4

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 SECTION 8: DoD Data Model Enhancements Report.  
 SECTION 9: Functional Area Using Model Report  
 Appendix A. IDEF1x Modeling Conventions.  
 Appendix B. Acronyms  
 Appendix C. Reference Documents  
 Appendix D. Obtaining a Softcopy and Hardcopy availability of the  
 DOD Data Model

5. Funding Numbers: C
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13. Abstract:

2 of 3

The DOD Data Model is an integrated view of data requirements for the Functional Areas and Components in the Department of Defense (DOD). It represents, in accordance with the DOD Data Administration 8320 series standards, a view of each data requirement.

Standard data items are represented as entities (prime words), attributes (data elements), and relationships. These objects are represented in graphical format on entity relationship diagrams (Volumes 2-5). The details of these objects are found in the entity report (Volume 6), the attribute report (Volume 7). Enhancements since the 1-98 DDM are located in Volume 8.

Version 1-99 of the DOD Data Model represents the first update in fiscal year 1999 with a cut-off date of 30 Nov 1998 for all DOD Data Dictionary System (DDDS) information.

The DOD Data Model is an integrated view of logical data models from the functional areas.

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3 of 3

# Section 3.15

## Materiel

## Section 3.15 Materiel Subject Area

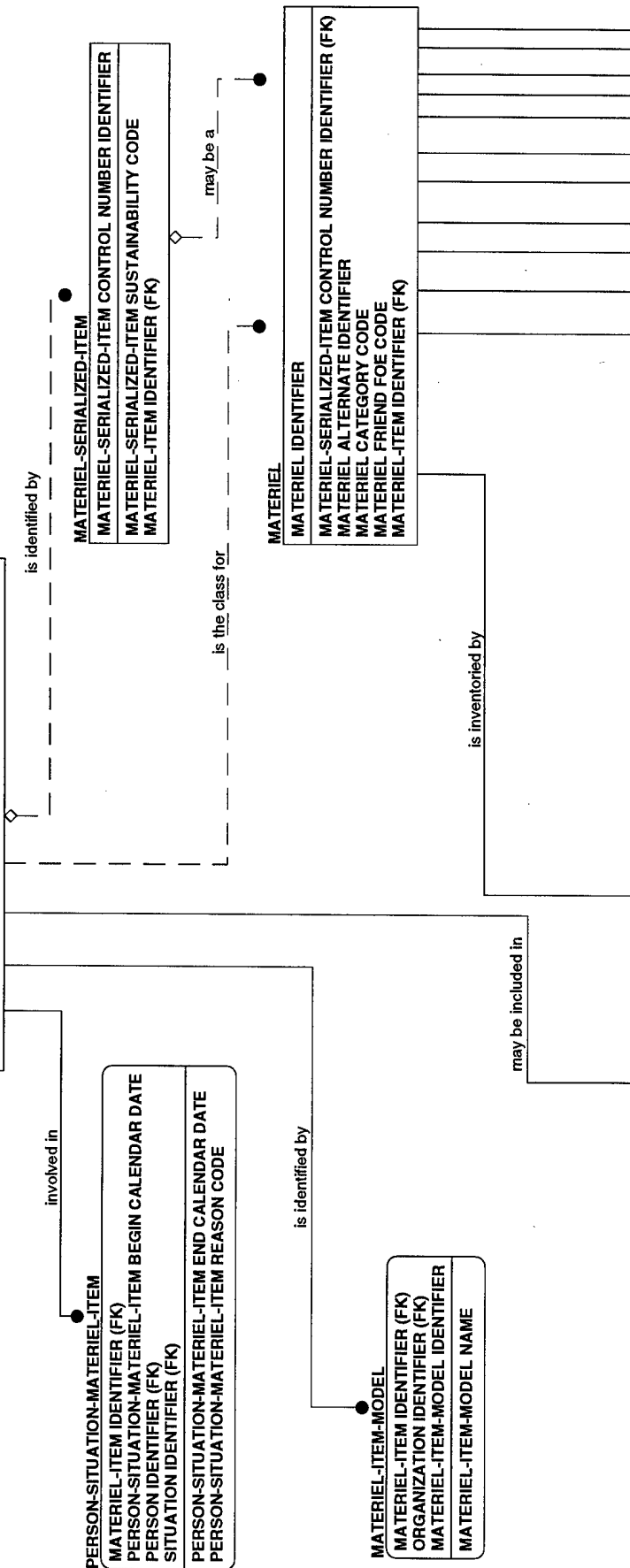
**Purpose:** The MATERIEL Subject Area View identifies the data relative to equipment and supply items used by an organization or required by some enterprise without distinction as to their application for administrative or combat purposes, and which are important to the accomplishment of the DoD mission.

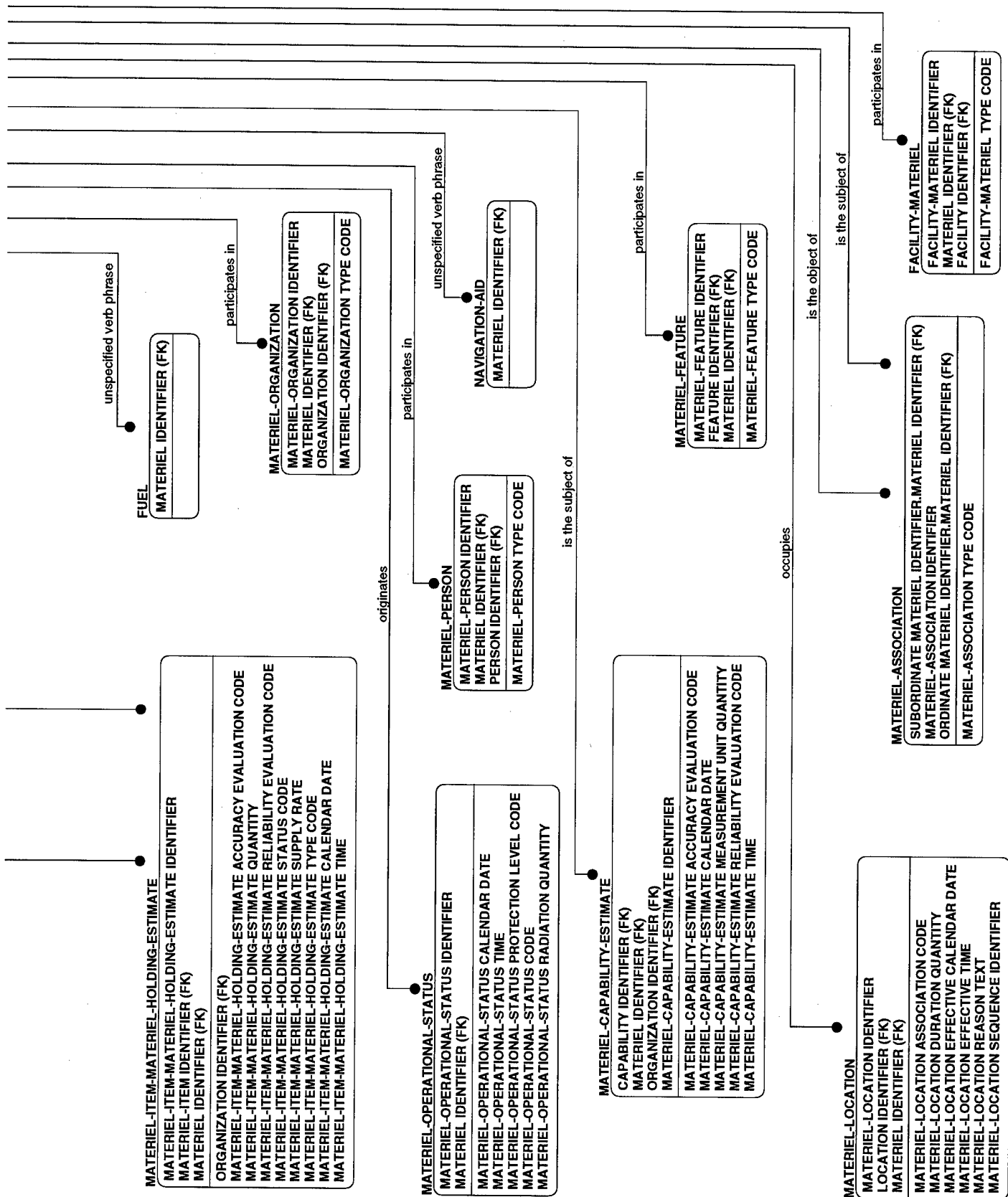
**Note:** The following subsections contain the View data maps which comprise this Subject Area. Every data requirement within this Subject Area will be represented in at least one of the Views. The View data maps are in numeric order.

MA-01

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

|                                                      |
|------------------------------------------------------|
| <b>MATERIEL-ITEM</b>                                 |
| <b>MATERIEL-ITEM IDENTIFIER</b>                      |
| COST-ALLOCATION-TYPE CODE (FK)                       |
| MATERIEL-ITEM CONTROL NUMBER TYPE CODE               |
| MATERIEL-ITEM CRITICAL APPLICATION CODE              |
| MATERIEL-ITEM DEMILITARIZATION CODE                  |
| MATERIEL-ITEM ESSENTIALITY CODE                      |
| MATERIEL-ITEM FEDERAL SUPPLY SCHEDULE IDENTIFIER     |
| MATERIEL-ITEM FIRST ARTICLE TEST CODE                |
| MATERIEL-ITEM FREIGHT INTEGRITY CODE                 |
| MATERIEL-ITEM NET CONTRACT DUEIN UNIT QUANTITY       |
| MATERIEL-ITEM NET PURCHASE ORDER DUEIN UNIT QUANTITY |
| MATERIEL-ITEM PACKAGING DATA AVAILABILITY CODE       |
| MATERIEL-ITEM PREFERRED INSPECTION PLACE CODE        |
| MATERIEL-ITEM PREFERRED INSPECTION TYPE CODE         |
| MATERIEL-ITEM PRODUCTION LEADTIME DAYS QUANTITY      |
| MATERIEL-ITEM PURCHASE DESCRIPTION TEXT              |
| MATERIEL-ITEM REFERENCE NUMBER IDENTIFIER            |
| MATERIEL-ITEM SPECIAL ACTION IDENTIFIER              |
| MATERIEL-ITEM TYPE CODE                              |
| MATERIEL-ITEM HIGH DOLLAR CODE                       |
| MATERIEL-ITEM SELECTIVELY MANAGED CODE               |
| MATERIEL-ITEM PROMPT PAY DAY QUANTITY                |
| MATERIEL-ITEM NAME                                   |
| MATERIEL-ITEM COMMODITY TYPE CODE                    |
| <i>MATERIEL-ITEM DESCRIPTION TEXT</i>                |
| MATERIEL-ITEM SHELF LIFE QUANTITY                    |
| MATERIEL-ITEM STORAGE REQUIREMENT TEXT               |
| MATERIEL-ITEM END INDICATOR CODE                     |
| MATERIEL-ITEM PRODUCTION INDICATOR CODE              |
| HAZARD-CHARACTERISTIC-CLASSIFICATION CODE (FK)       |
| MEASURE-UNIT CODE (FK)                               |





MA-02

## LOGISTICS-EVENT

LOGISTICS-EVENT DOCUMENT IDENTIFIER  
LOGISTICS-EVENT DISTRIBUTION IDENTIFIER  
LOGISTICS-EVENT MULTIPLIER FACTOR CODE  
LOGISTICS-EVENT OWNERSHIP CODE  
LOGISTICS-EVENT PROJECT IDENTIFIER  
LOGISTICS-EVENT PURPOSE IDENTIFIER  
LOGISTICS-EVENT SIGNAL CODE  
LOGISTICS-EVENT SOURCE METHOD CODE  
LOGISTICS-EVENT IDENTIFIER (FK)  
LOGISTICS-PRIORITY CODE (FK)

unspecified verb phrase

results in

unspecified verb phrase

unspecified verb phrase

## LOGISTICS-REQUISITION

LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)  
LOGISTICS-REQUISITION DEFENSE PROGRAM FOR REDISTRIBUTION ACTIVITY SCREEN CODE  
LOGISTICS-REQUISITION DEMAND CODE  
LOGISTICS-REQUISITION DAY IDENTIFIER  
LOGISTICS-REQUISITION IDENTIFICATION REFERENCE TEXT  
LOGISTICS-REQUISITION IDENTIFICATION REFERENCE TEXT  
LOGISTICS-REQUISITION OWNERSHIP CODE  
LOGISTICS-REQUISITION PREPARED DAY IDENTIFIER  
LOGISTICS-REQUISITION PREPARED YEAR IDENTIFIER  
LOGISTICS-REQUISITION PURPOSE CODE  
LOGISTICS-REQUISITION SCREENING CODE  
LOGISTICS-REQUISITION SUPPLY CONDITION CODE  
LOGISTICS-REQUISITION UNIT QUANTITY  
LOGISTICS-REQUISITION USAGE CODE  
LOGISTICS-REQUISITION SUPPLEMENTARY DESTINATION TEXT  
LOGISTICS-REQUISITION REMARKS TEXT  
LOGISTICS-REQUISITION CASH CUSTOMER REMARKS TEXT

Z

## MATERIEL-RETURN

LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)  
MATERIEL-RETURN MEDIA STATUS IDENTIFIER  
MATERIEL-RETURN QUALIFIER CODE  
MATERIEL-RETURN SUPPLY CONDITION CODE  
MATERIEL-RETURN UNIT QUANTITY

unspecified verb phrase

applies to

results in

## GOVERNMENT-FURNISHED-MATERIEL-REQUISITION

LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)  
GOVERNMENT-FURNISHED-MATERIEL-REQUISITION MANUFACTURER DIRECTIVE IDENTIFIER  
GOVERNMENT-FURNISHED-MATERIEL-REQUISITION PART NUMBER DESIGNATOR CODE

## FOREIGN-MILITARY-SALE-GRANT-AID-REQUISITION

LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)  
FOREIGN-MILITARY-SALE-GRANT-AID-REQUISITION CASE IDENTIFIER  
FOREIGN-MILITARY-SALE-GRANT-AID-REQUISITION COOPERATIVE LOGISTICS PROGRAM SUPPORT CODE  
FOREIGN-MILITARY-SALE-GRANT-AID-REQUISITION FREIGHT FORWARDER CODE  
FOREIGN-MILITARY-SALE-GRANT-AID-REQUISITION INTERNATIONAL LOGISTICS PROGRAM YEAR IDENTIFIER  
FOREIGN-MILITARY-SALE-GRANT-AID-REQUISITION OFFER RELEASE OPTION CODE  
FOREIGN-MILITARY-SALE-GRANT-AID-REQUISITION PROGRAM LINE ITEM IDENTIFIER

## MATERIEL-DISPOSAL

LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)  
MATERIEL-DISPOSAL AUTHORITY CODE  
MATERIEL-DISPOSAL DENIAL DAY IDENTIFIER  
MATERIEL-DISPOSAL DENIED UNIT QUANTITY  
MATERIEL-DISPOSAL EXCESS STATUS CODE  
MATERIEL-DISPOSAL MEDIA STATUS IDENTIFIER  
MATERIEL-DISPOSAL RECLAMATION CODE  
MATERIEL-DISPOSAL RETENTION UNIT QUANTITY  
MATERIEL-DISPOSAL SHIPPING DAY IDENTIFIER  
MATERIEL-DISPOSAL SUPPLY CONDITION CODE  
MATERIEL-DISPOSAL UNIT QUANTITY

Z

may result in

## PICK-REQUEST

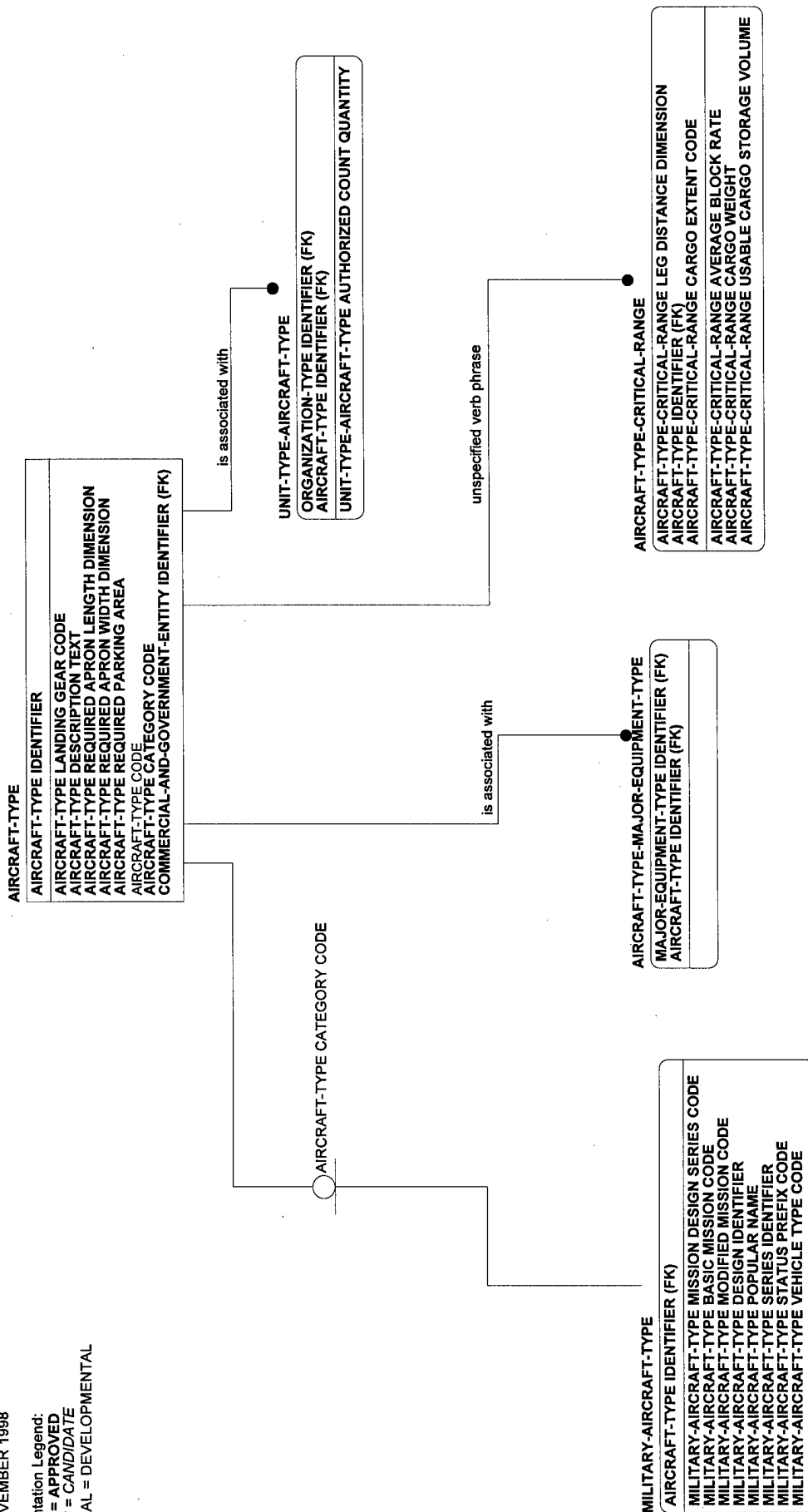
PICK-REQUEST CONTROL IDENTIFIER  
REQUISITION-DETAIL SEQUENCE IDENTIFIER (FK)  
LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)  
WORK-CENTER IDENTIFIER (FK)  
PICK-CYCLE IDENTIFIER (FK)  
PICK-CYCLE CALENDAR DATE (FK)  
PICK-REQUEST QUANTITY  
PICK-REQUEST STORAGE TARGET CALENDAR DATE  
PICK-REQUEST COMPLETION DATE  
PICK-REQUEST COMPLETION TIME

may result in

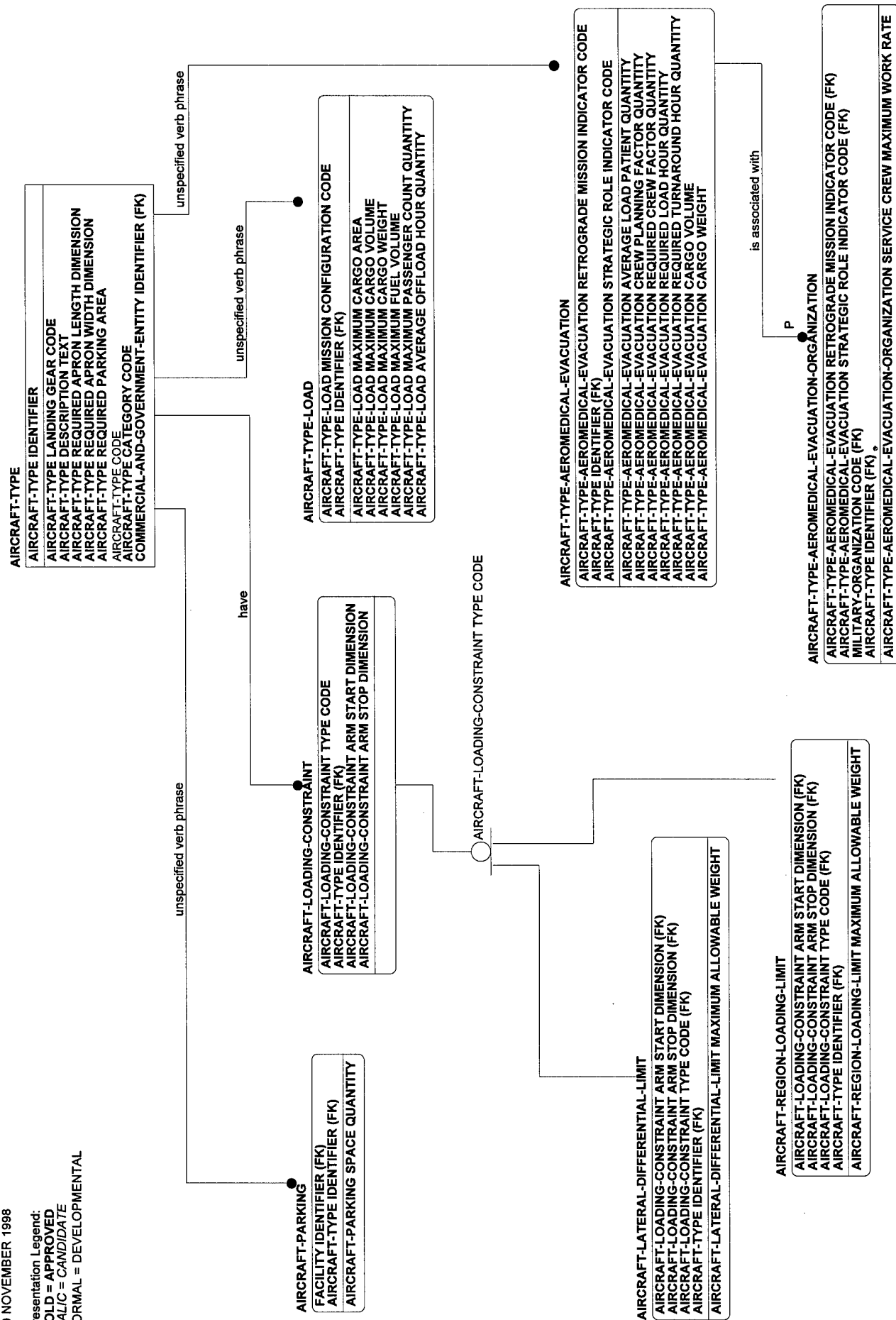


MA-03

Presentation Legend:  
**BOLD** = APPROVED  
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NORMAL = DEVELOPMENTAL



MA-04



MA-05

AIRCRAFT-COMPARTMENT

|                                   |
|-----------------------------------|
| AIRCRAFT-COMPARTMENT IDENTIFIER   |
| AIRCRAFT-DECK IDENTIFIER (FK)     |
| AIRCRAFT-TYPE IDENTIFIER (FK)     |
| AIRCRAFT-COMPARTMENT REMARKS TEXT |

be described by

AIRCRAFT-COMPARTMENT-CHARACTERISTIC

|                                                                      |
|----------------------------------------------------------------------|
| AIRCRAFT-DECK IDENTIFIER (FK)                                        |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION              |
| AIRCRAFT-TYPE IDENTIFIER (FK)                                        |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION               |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION  |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE                        |
| AIRCRAFT-COMPARTMENT IDENTIFIER (FK)                                 |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC REMARKS TEXT                     |

AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE

AIRCRAFT-FLOOR-SQUARE-INCH-LIMIT

|                                                                           |
|---------------------------------------------------------------------------|
| AIRCRAFT-DECK IDENTIFIER (FK)                                             |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)              |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)               |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE (FK)                        |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION (FK) |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)  |
| AIRCRAFT-TYPE IDENTIFIER (FK)                                             |
| AIRCRAFT-FLOOR-SQUARE-INCH-LIMIT MAXIMUM ALLOWABLE WEIGHT                 |

AIRCRAFT-FLOOR-LINEAR-FOOT-LIMIT

|                                                                           |
|---------------------------------------------------------------------------|
| AIRCRAFT-DECK IDENTIFIER (FK)                                             |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)              |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)               |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE (FK)                        |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION (FK) |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)  |
| AIRCRAFT-TYPE IDENTIFIER (FK)                                             |
| AIRCRAFT-FLOOR-LINEAR-FOOT-LIMIT MAXIMUM ALLOWABLE WEIGHT                 |

AIRCRAFT-FLOOR-CONTACT-LIMIT

|                                                                           |
|---------------------------------------------------------------------------|
| AIRCRAFT-DECK IDENTIFIER (FK)                                             |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)              |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)               |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE (FK)                        |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION (FK) |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)  |
| AIRCRAFT-TYPE IDENTIFIER (FK)                                             |
| AIRCRAFT-FLOOR-CONTACT-LIMIT MAXIMUM ALLOWABLE WEIGHT                     |

AIRCRAFT-FLOOR-TOTAL-LIMIT

|                                                                           |
|---------------------------------------------------------------------------|
| AIRCRAFT-DECK IDENTIFIER (FK)                                             |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)              |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)               |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE (FK)                        |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION (FK) |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)  |
| AIRCRAFT-TYPE IDENTIFIER (FK)                                             |
| AIRCRAFT-FLOOR-TOTAL-LIMIT MAXIMUM ALLOWABLE WEIGHT                       |

AIRCRAFT-VENT

|                                                                           |
|---------------------------------------------------------------------------|
| AIRCRAFT-DECK IDENTIFIER (FK)                                             |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)              |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)               |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE (FK)                        |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION (FK) |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)  |
| AIRCRAFT-COMPARTMENT IDENTIFIER (FK)                                      |
| AIRCRAFT-TYPE IDENTIFIER (FK)                                             |
| AIRCRAFT-VENT ACCESS CODE                                                 |

AIRCRAFT-FLOOR-AGGREGATE-AXLE-LIMIT

|                                                                           |
|---------------------------------------------------------------------------|
| AIRCRAFT-DECK IDENTIFIER (FK)                                             |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)              |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)               |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE (FK)                        |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION (FK) |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)  |
| AIRCRAFT-COMPARTMENT IDENTIFIER (FK)                                      |
| AIRCRAFT-TYPE IDENTIFIER (FK)                                             |
| AIRCRAFT-FLOOR-AGGREGATE-AXLE-LIMIT MAXIMUM ALLOWABLE WEIGHT              |

AIRCRAFT-FLOOR-AXLE-LIMIT

|                                                                           |
|---------------------------------------------------------------------------|
| AIRCRAFT-DECK IDENTIFIER (FK)                                             |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)              |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)               |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE (FK)                        |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION (FK) |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)  |
| AIRCRAFT-COMPARTMENT IDENTIFIER (FK)                                      |
| AIRCRAFT-TYPE IDENTIFIER (FK)                                             |
| AIRCRAFT-FLOOR-AXLE-LIMIT MAXIMUM ALLOWABLE WEIGHT                        |

AIRCRAFT-FLOOR-TREADWAY-LIMIT

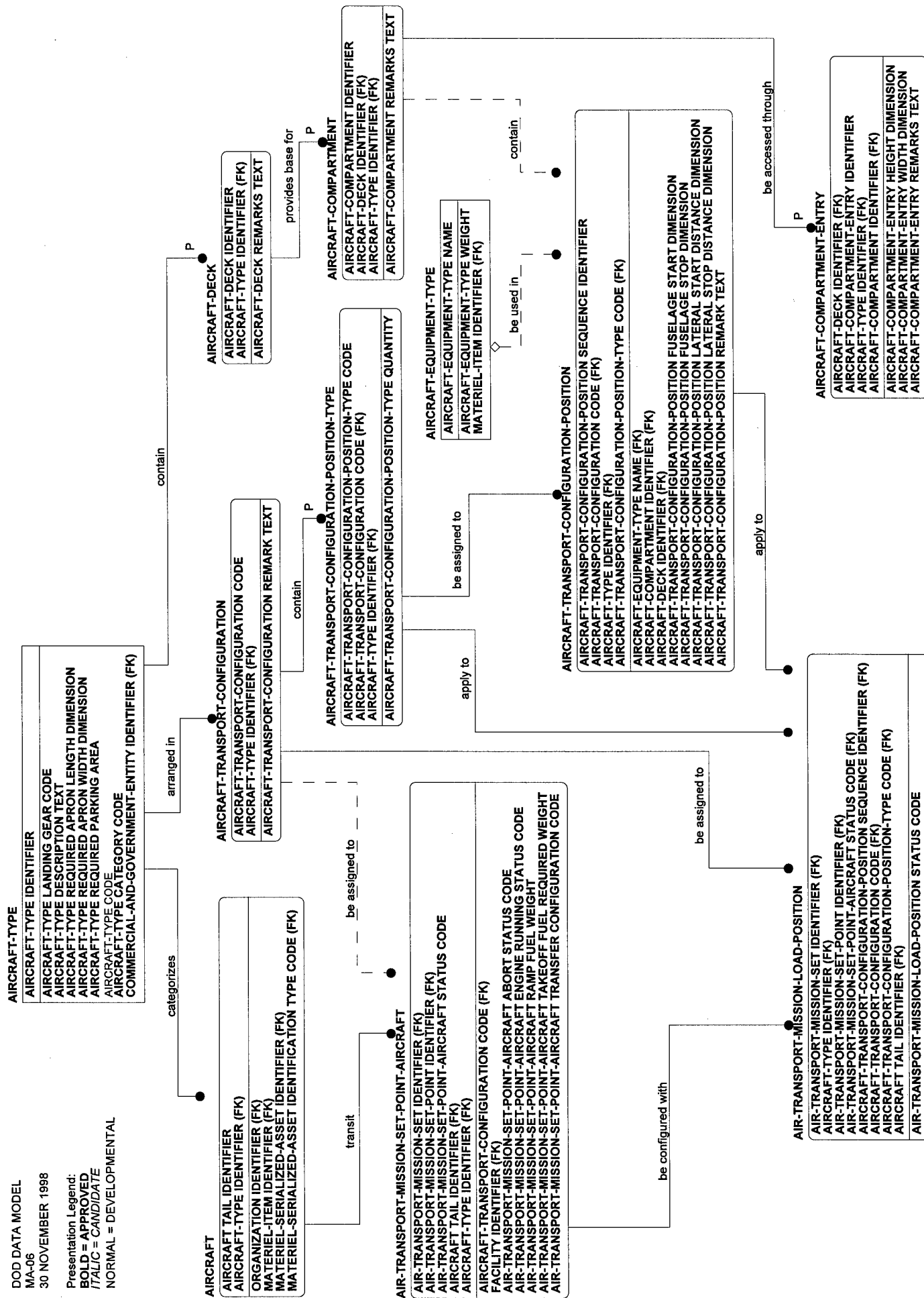
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| AIRCRAFT-DECK IDENTIFIER (FK)                                             |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)              |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)               |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE (FK)                        |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION (FK) |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)  |
| AIRCRAFT-COMPARTMENT IDENTIFIER (FK)                                      |
| AIRCRAFT-TYPE IDENTIFIER (FK)                                             |
| AIRCRAFT-FLOOR-TREADWAY-LIMIT MAXIMUM ALLOWABLE WEIGHT                    |

AIRCRAFT-COMPARTMENT-HEIGHT

|                                                                           |
|---------------------------------------------------------------------------|
| AIRCRAFT-DECK IDENTIFIER (FK)                                             |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)              |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)               |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE (FK)                        |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION (FK) |
| AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)  |
| AIRCRAFT-COMPARTMENT IDENTIFIER (FK)                                      |
| AIRCRAFT-TYPE IDENTIFIER (FK)                                             |
| AIRCRAFT-COMPARTMENT-HEIGHT DIMENSION                                     |

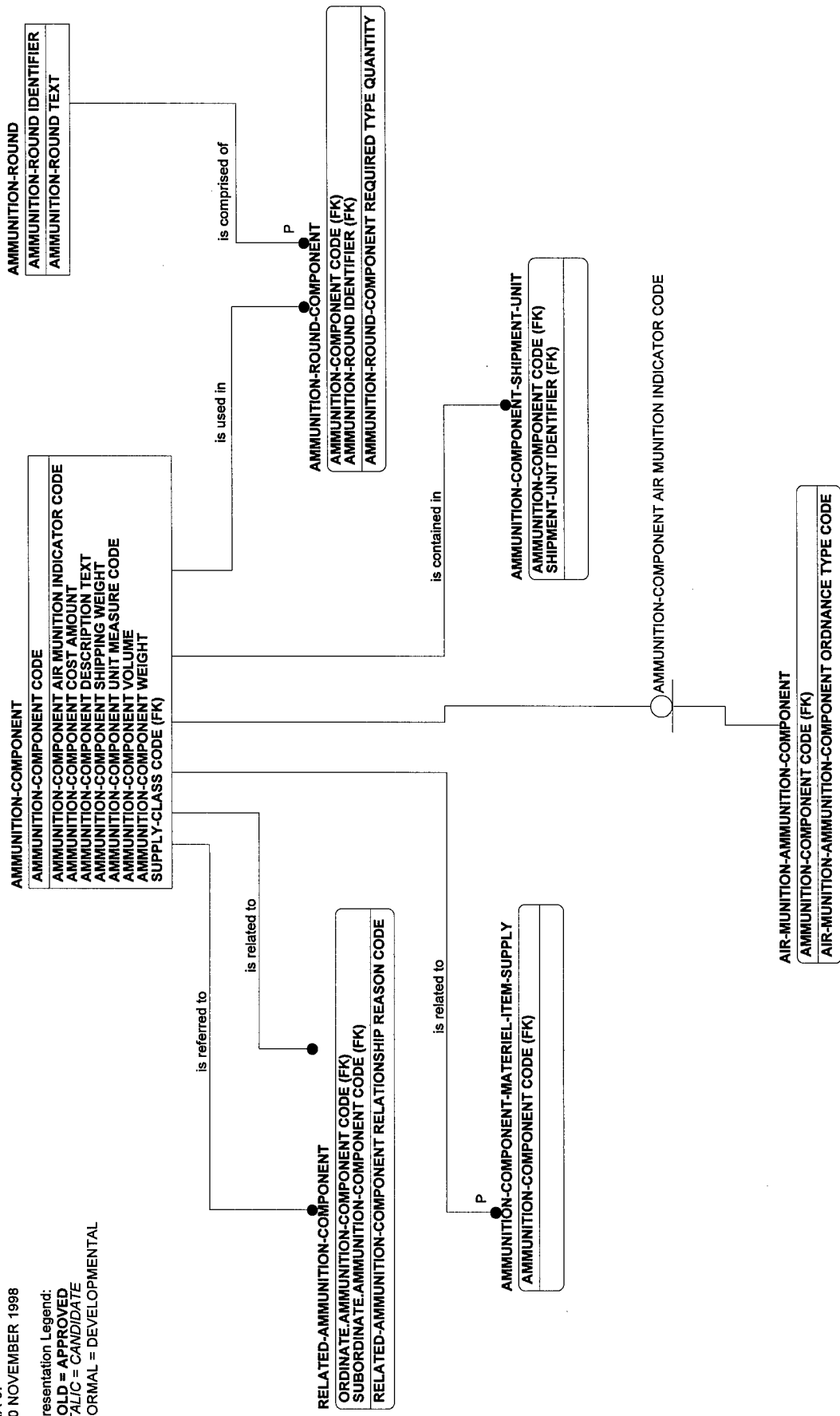
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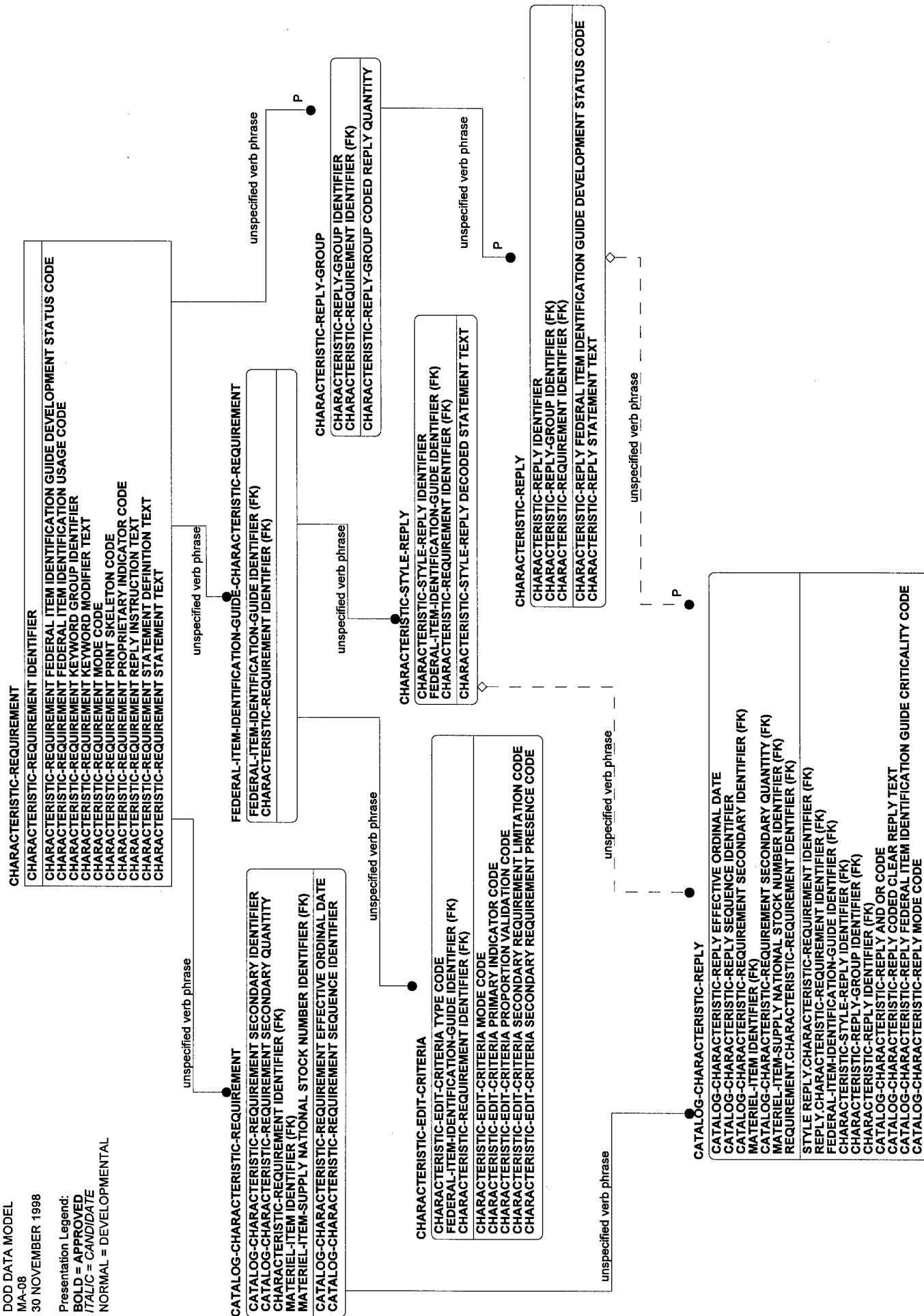
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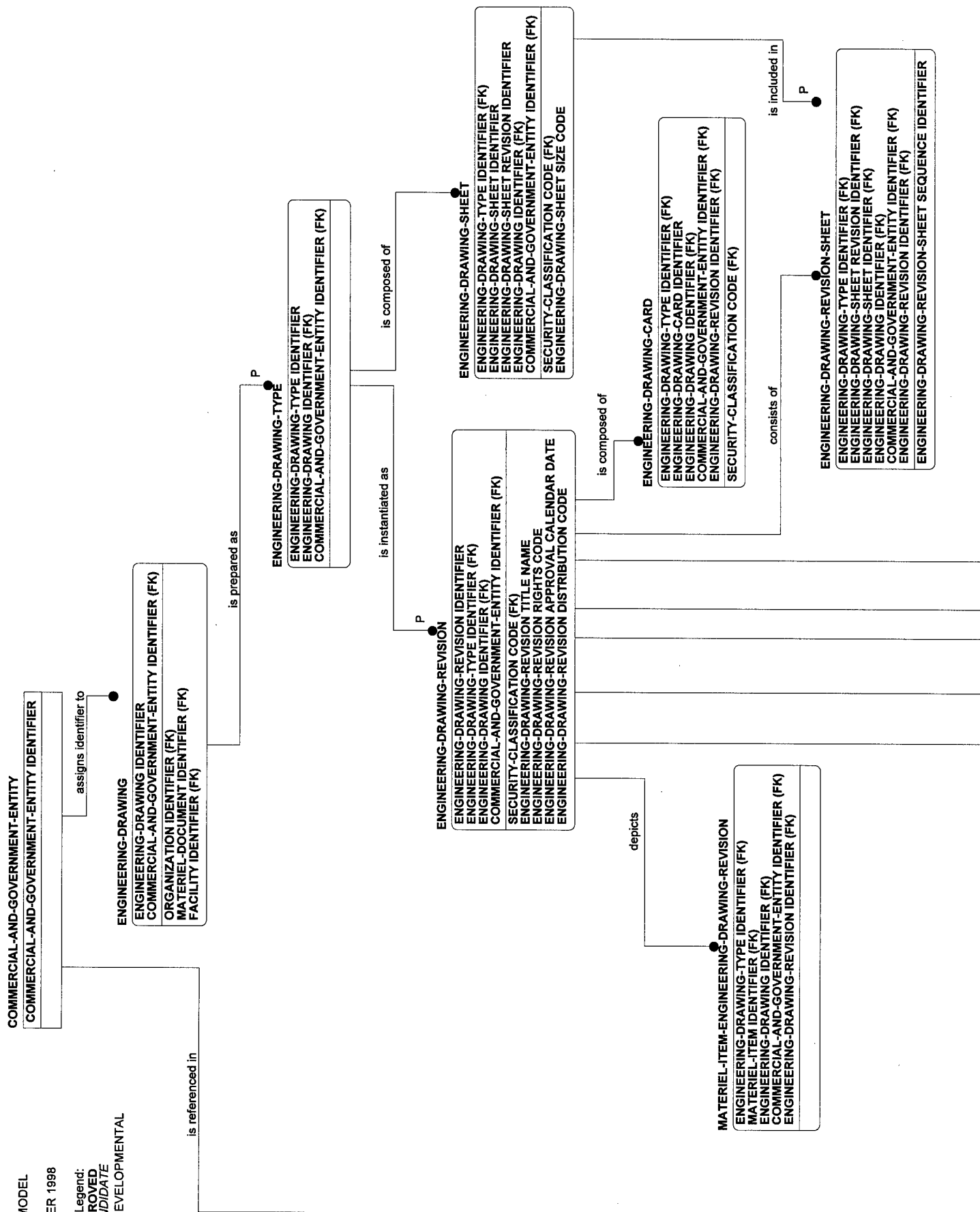
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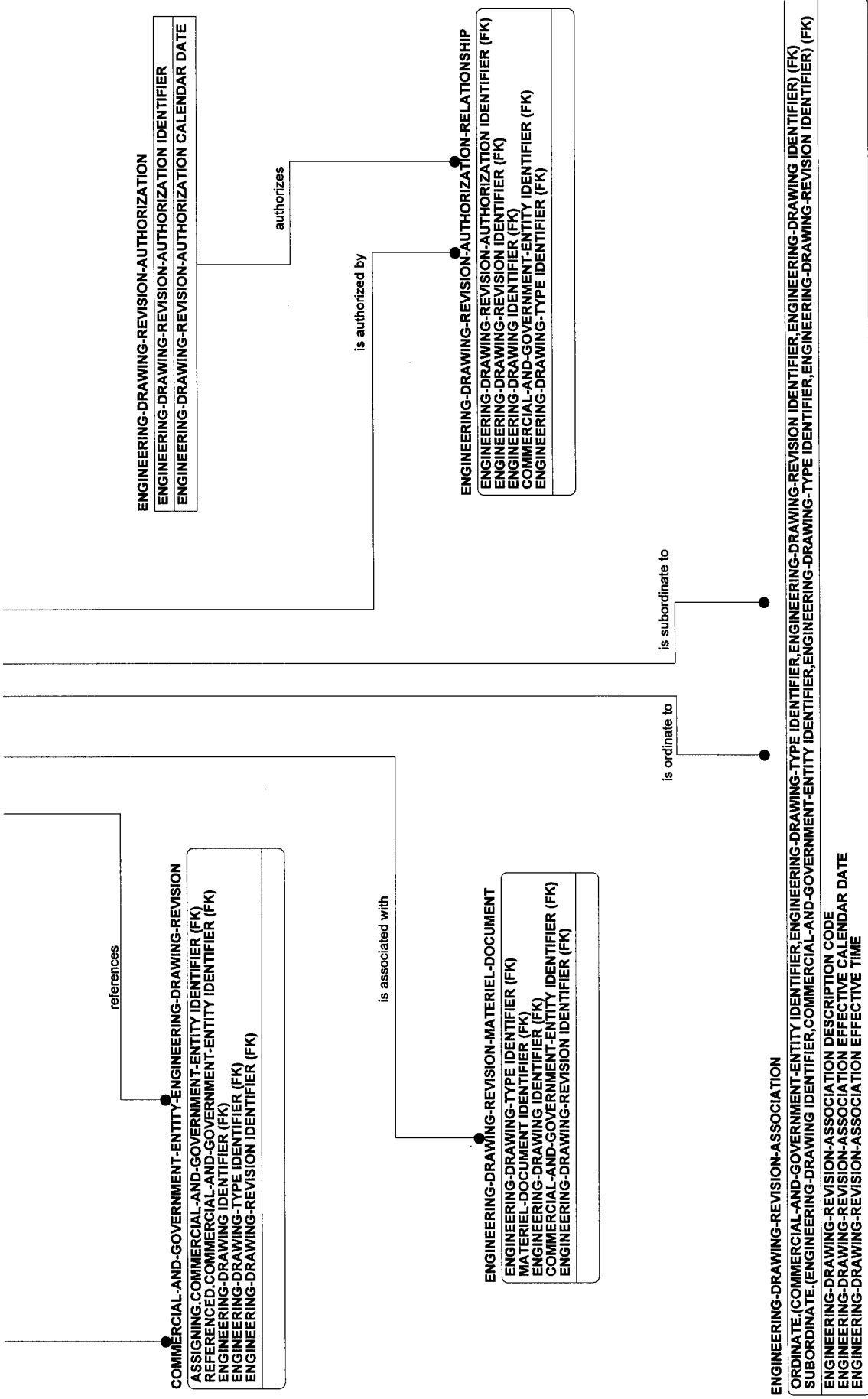
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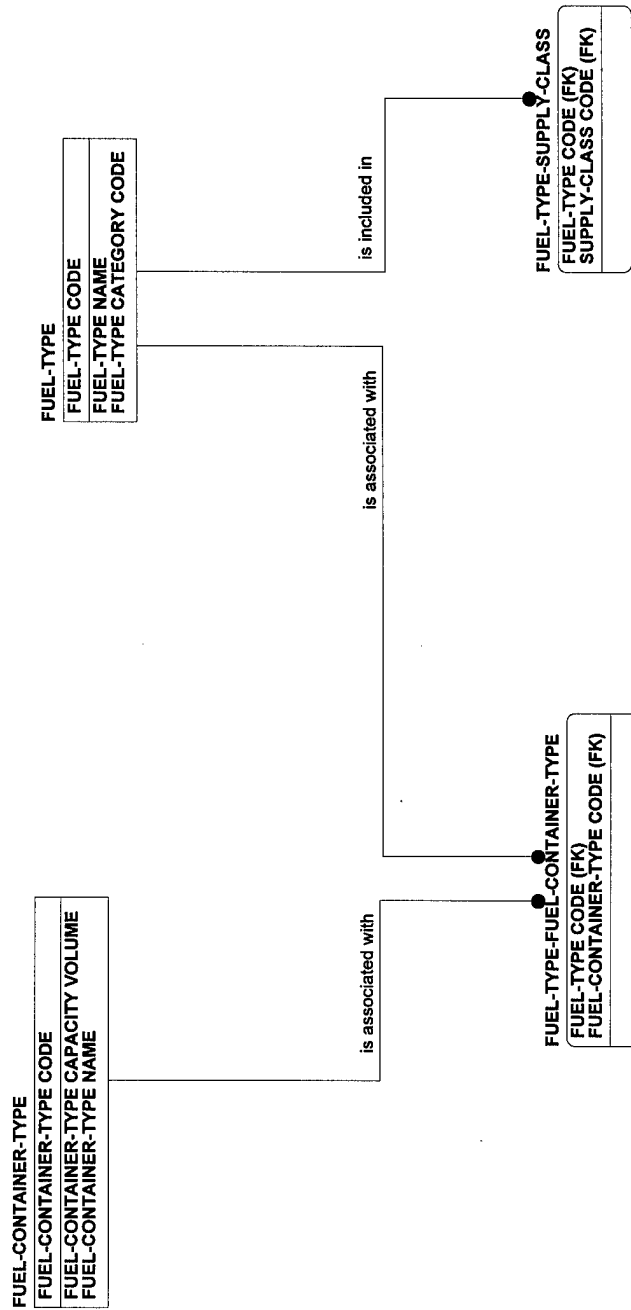
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Presentation Legend:  
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*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL





MA-10



MA-11

|                                   |
|-----------------------------------|
| <b>SHIP-TYPE</b>                  |
| <i>SHIP-TYPE CODE</i>             |
| <i>SHIP-TYPE DESCRIPTION TEXT</i> |

unspecified verb phrase

|                                                         |
|---------------------------------------------------------|
| <b>SHIP</b>                                             |
| <b>SHIP IDENTIFIER</b>                                  |
| ORGANIZATION IDENTIFIER (FK)                            |
| <i>SHIP-TYPE CODE (FK)</i>                              |
| REGISTRY COUNTRY CODE (FK)                              |
| BUILDS COUNTRY CODE (FK)                                |
| MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)               |
| SHIP PRIMARY NAME                                       |
| SHIP BUILDER HULL IDENTIFIER                            |
| SHIP PENDANT IDENTIFIER                                 |
| SHIP MAXIMUM SAFE FORWARD DRAFT DIMENSION               |
| SHIP MAXIMUM SAFE AFT DRAFT DIMENSION                   |
| SHIP LIGHTSHIP FORWARD DRAFT DIMENSION                  |
| SHIP LIGHTSHIP MIDSHIP DRAFT DIMENSION                  |
| SHIP LIGHTSHIP AFT DRAFT DIMENSION                      |
| SHIP LENGTH DIMENSION                                   |
| SHIP BEAM DIMENSION                                     |
| SHIP MAXIMUM CARGO DEADWEIGHT WEIGHT                    |
| SHIP LIGHTSHIP WEIGHT                                   |
| SHIP MAST HEIGHT DIMENSION                              |
| SHIP FLEET TEXT                                         |
| SHIP FUEL CAPACITY WEIGHT                               |
| SHIP FUEL CAPACITY VOLUME                               |
| SHIP STOWABLE AREA                                      |
| SHIP IRCS IDENTIFIER                                    |
| SHIP LLOYDS IDENTIFIER                                  |
| SHIP NATIONAL REGISTRY IDENTIFIER                       |
| SHIP INTERNATIONAL MARITIME ORGANIZATION IDENTIFIER     |
| MATERIEL IDENTIFIER (FK)                                |
| MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK) |
| MATERIEL-ITEM IDENTIFIER (FK)                           |

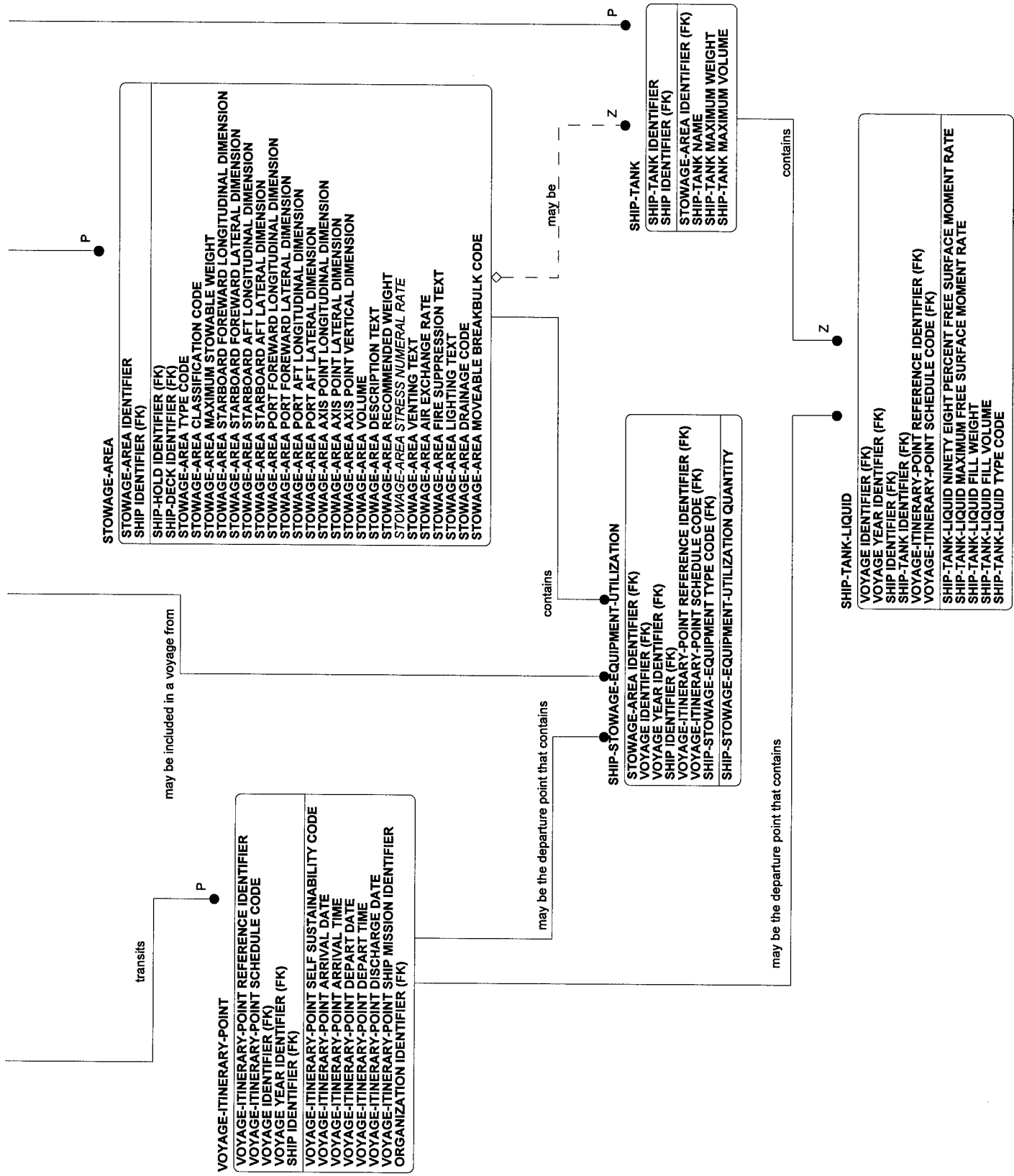
sails

|                        |
|------------------------|
| <b>VOYAGE</b>          |
| VOYAGE IDENTIFIER      |
| VOYAGE YEAR IDENTIFIER |
| SHIP IDENTIFIER (FK)   |

|                                                           |
|-----------------------------------------------------------|
| <b>SHIP-STOWAGE-EQUIPMENT</b>                             |
| SHIP-STOWAGE-EQUIPMENT TYPE CODE                          |
| SHIP-STOWAGE-EQUIPMENT INTERNAL HEIGHT DIMENSION          |
| SHIP-STOWAGE-EQUIPMENT EXTENDED INTERNAL HEIGHT DIMENSION |
| SHIP-STOWAGE-EQUIPMENT EXTENDED HEIGHT DIMENSION          |
| SHIP-STOWAGE-EQUIPMENT EXTENDED EXTERNAL HEIGHT DIMENSION |
| SHIP-STOWAGE-EQUIPMENT INTERNAL LENGTH DIMENSION          |
| SHIP-STOWAGE-EQUIPMENT EXTERNAL LENGTH DIMENSION          |
| SHIP-STOWAGE-EQUIPMENT INTERNAL WIDTH DIMENSION           |
| SHIP-STOWAGE-EQUIPMENT EXTERNAL WIDTH DIMENSION           |
| SHIP-STOWAGE-EQUIPMENT NAME                               |
| SHIP-STOWAGE-EQUIPMENT WEIGHT                             |
| SHIP-STOWAGE-EQUIPMENT LIFTING WEIGHT                     |
| SHIP-STOWAGE-EQUIPMENT MAXIMUM WEIGHT                     |

provides

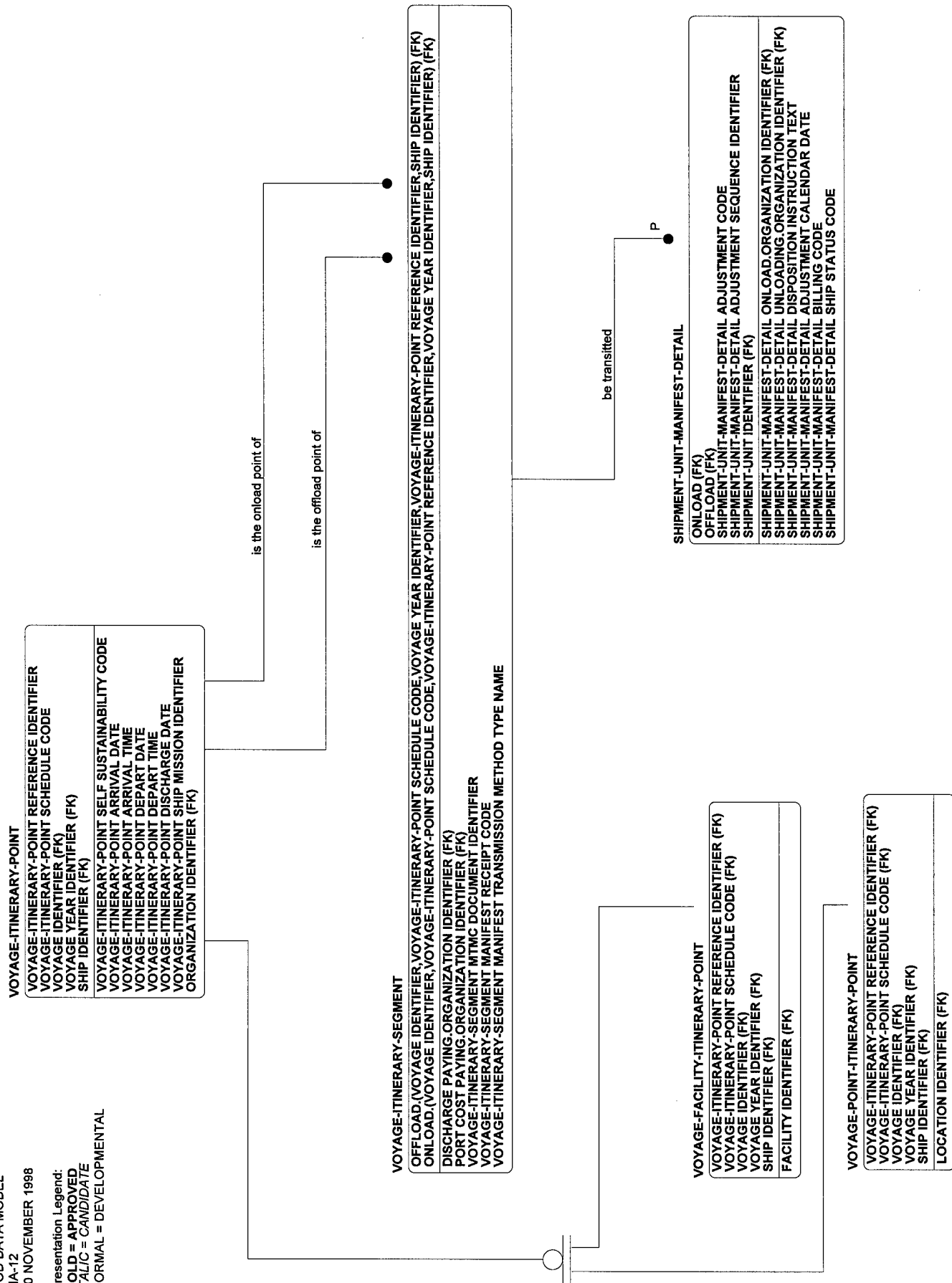
contains



MA-12

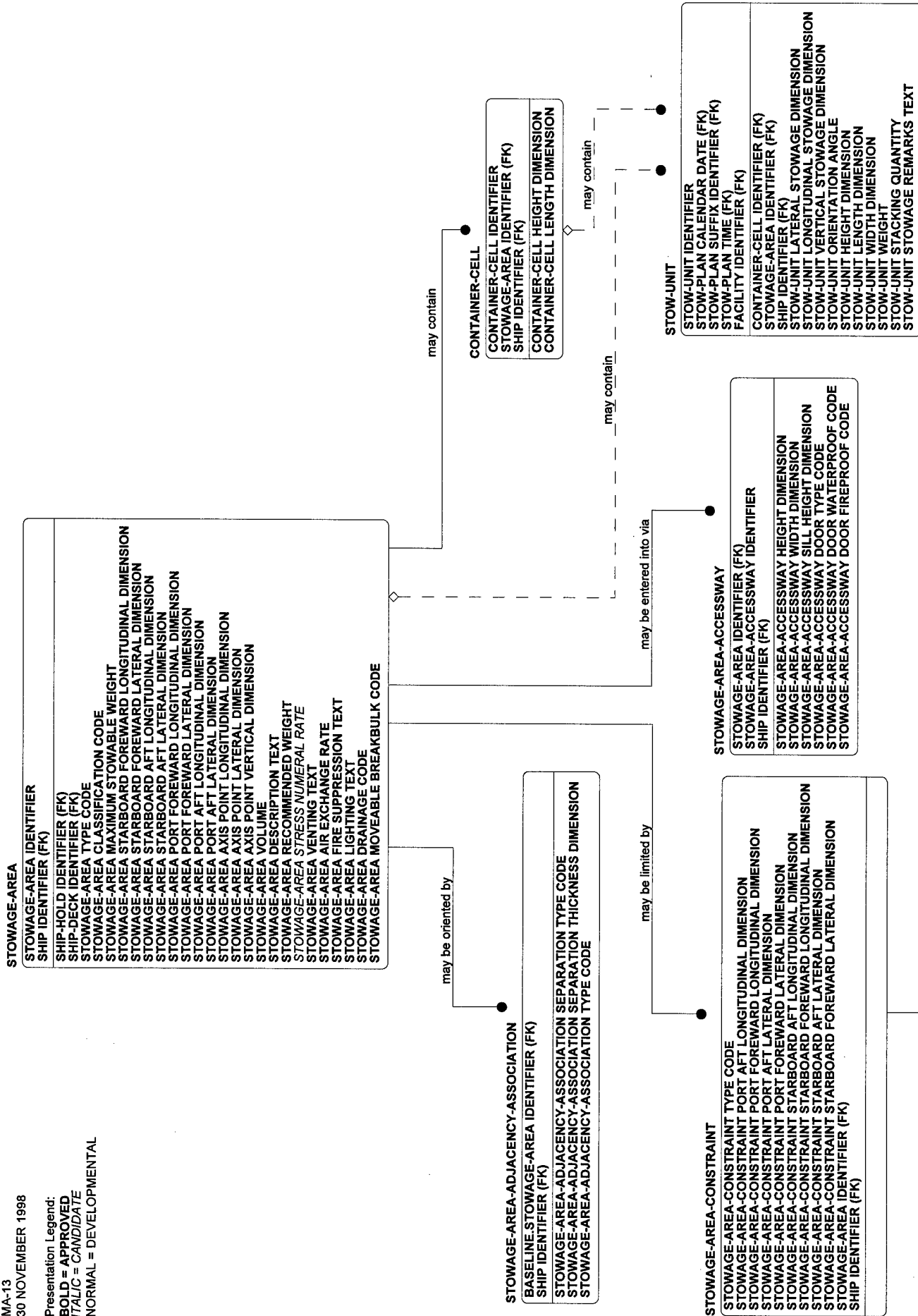
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MA-13

Presentation Legend:  
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NORMAL = DEVELOPMENTAL



STOWAGE-AREA-CONSTRAINT TYPE CODE

STOWAGE-AREA-DECK-STRESS

|                                                                       |
|-----------------------------------------------------------------------|
| STOWAGE-AREA IDENTIFIER (FK)                                          |
| STOWAGE-AREA-CONSTRAINT TYPE CODE (FK)                                |
| STOWAGE-AREA-CONSTRAINT PORT AFT LONGITUDINAL DIMENSION (FK)          |
| STOWAGE-AREA-CONSTRAINT PORT FORWARD LONGITUDINAL DIMENSION (FK)      |
| STOWAGE-AREA-CONSTRAINT PORT AFT LATERAL DIMENSION (FK)               |
| STOWAGE-AREA-CONSTRAINT PORT FORWARD LATERAL DIMENSION (FK)           |
| STOWAGE-AREA-CONSTRAINT STARBOARD AFT LONGITUDINAL DIMENSION (FK)     |
| STOWAGE-AREA-CONSTRAINT STARBOARD FORWARD LONGITUDINAL DIMENSION (FK) |
| STOWAGE-AREA-CONSTRAINT STARBOARD AFT LATERAL DIMENSION (FK)          |
| STOWAGE-AREA-CONSTRAINT STARBOARD FORWARD LATERAL DIMENSION (FK)      |
| SHIP IDENTIFIER (FK)                                                  |
| STOWAGE-AREA-DECK-STRESS RATE                                         |

STOWAGE-AREA-HEIGHT

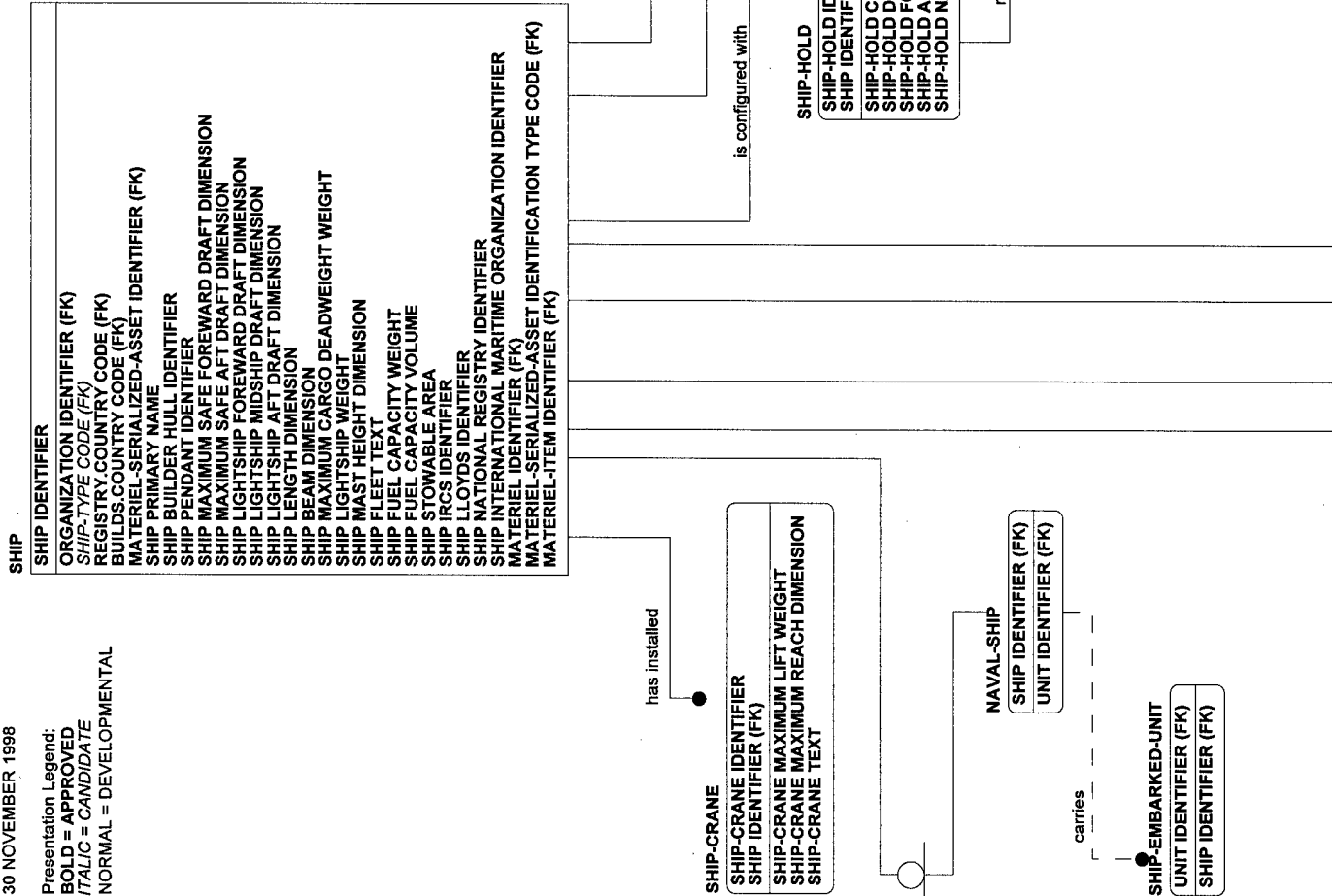
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|-----------------------------------------------------------------------|
| STOWAGE-AREA IDENTIFIER (FK)                                          |
| STOWAGE-AREA-CONSTRAINT TYPE CODE (FK)                                |
| STOWAGE-AREA-CONSTRAINT PORT AFT LONGITUDINAL DIMENSION (FK)          |
| STOWAGE-AREA-CONSTRAINT PORT FORWARD LONGITUDINAL DIMENSION (FK)      |
| STOWAGE-AREA-CONSTRAINT PORT AFT LATERAL DIMENSION (FK)               |
| STOWAGE-AREA-CONSTRAINT PORT FORWARD LATERAL DIMENSION (FK)           |
| STOWAGE-AREA-CONSTRAINT STARBOARD AFT LONGITUDINAL DIMENSION (FK)     |
| STOWAGE-AREA-CONSTRAINT STARBOARD FORWARD LONGITUDINAL DIMENSION (FK) |
| STOWAGE-AREA-CONSTRAINT STARBOARD AFT LATERAL DIMENSION (FK)          |
| STOWAGE-AREA-CONSTRAINT STARBOARD FORWARD LATERAL DIMENSION (FK)      |
| SHIP IDENTIFIER (FK)                                                  |
| STOWAGE-AREA-HEIGHT DIMENSION                                         |

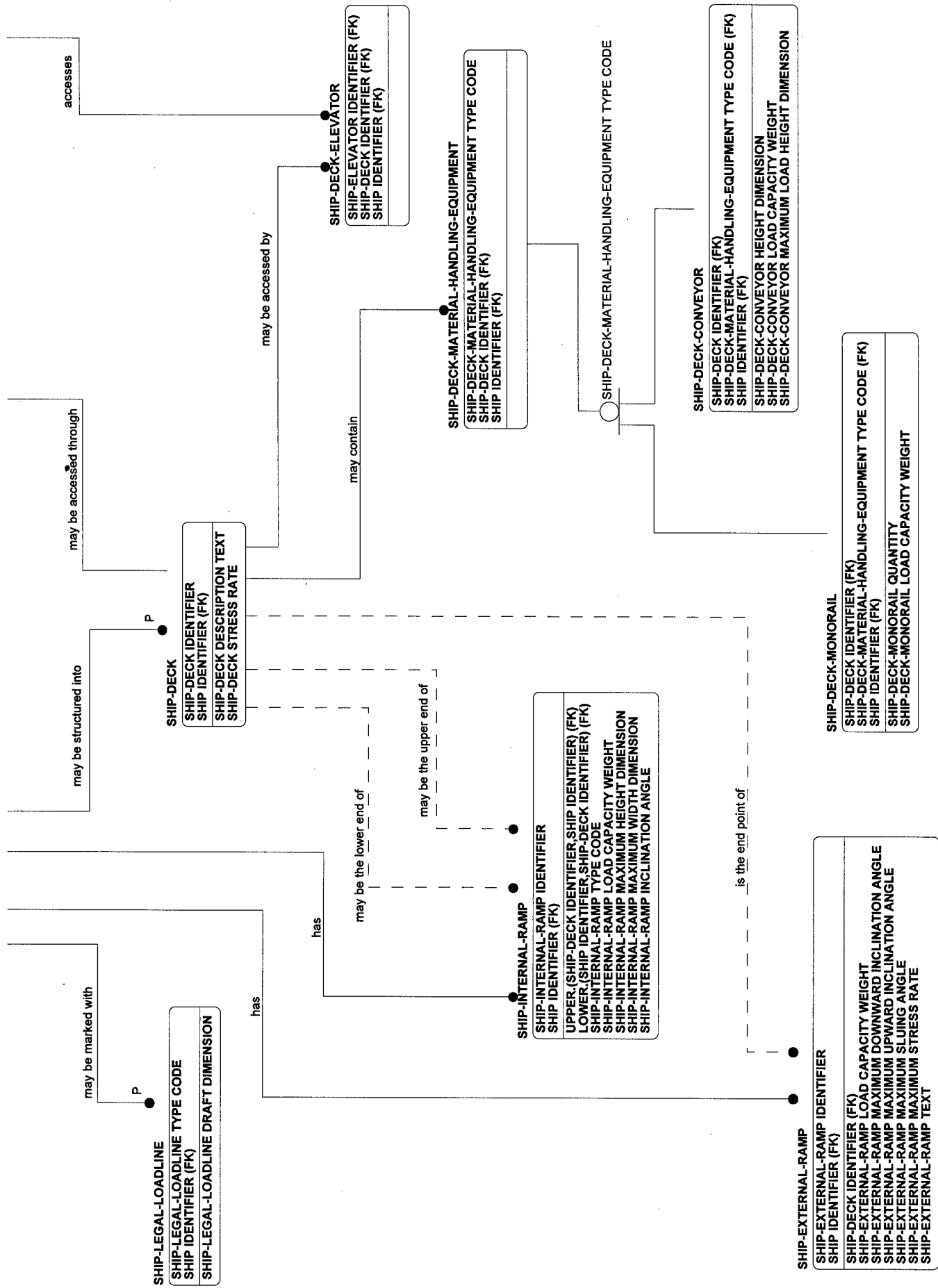
STOWAGE-AREA-NO-LOAD

|                                                                       |
|-----------------------------------------------------------------------|
| STOWAGE-AREA IDENTIFIER (FK)                                          |
| STOWAGE-AREA-CONSTRAINT TYPE CODE (FK)                                |
| STOWAGE-AREA-CONSTRAINT PORT AFT LONGITUDINAL DIMENSION (FK)          |
| STOWAGE-AREA-CONSTRAINT PORT FORWARD LONGITUDINAL DIMENSION (FK)      |
| STOWAGE-AREA-CONSTRAINT PORT AFT LATERAL DIMENSION (FK)               |
| STOWAGE-AREA-CONSTRAINT PORT FORWARD LATERAL DIMENSION (FK)           |
| STOWAGE-AREA-CONSTRAINT STARBOARD AFT LONGITUDINAL DIMENSION (FK)     |
| STOWAGE-AREA-CONSTRAINT STARBOARD FORWARD LONGITUDINAL DIMENSION (FK) |
| STOWAGE-AREA-CONSTRAINT STARBOARD AFT LATERAL DIMENSION (FK)          |
| STOWAGE-AREA-CONSTRAINT STARBOARD FORWARD LATERAL DIMENSION (FK)      |
| SHIP IDENTIFIER (FK)                                                  |
| STOWAGE-AREA-NO-LOAD REASON TEXT                                      |

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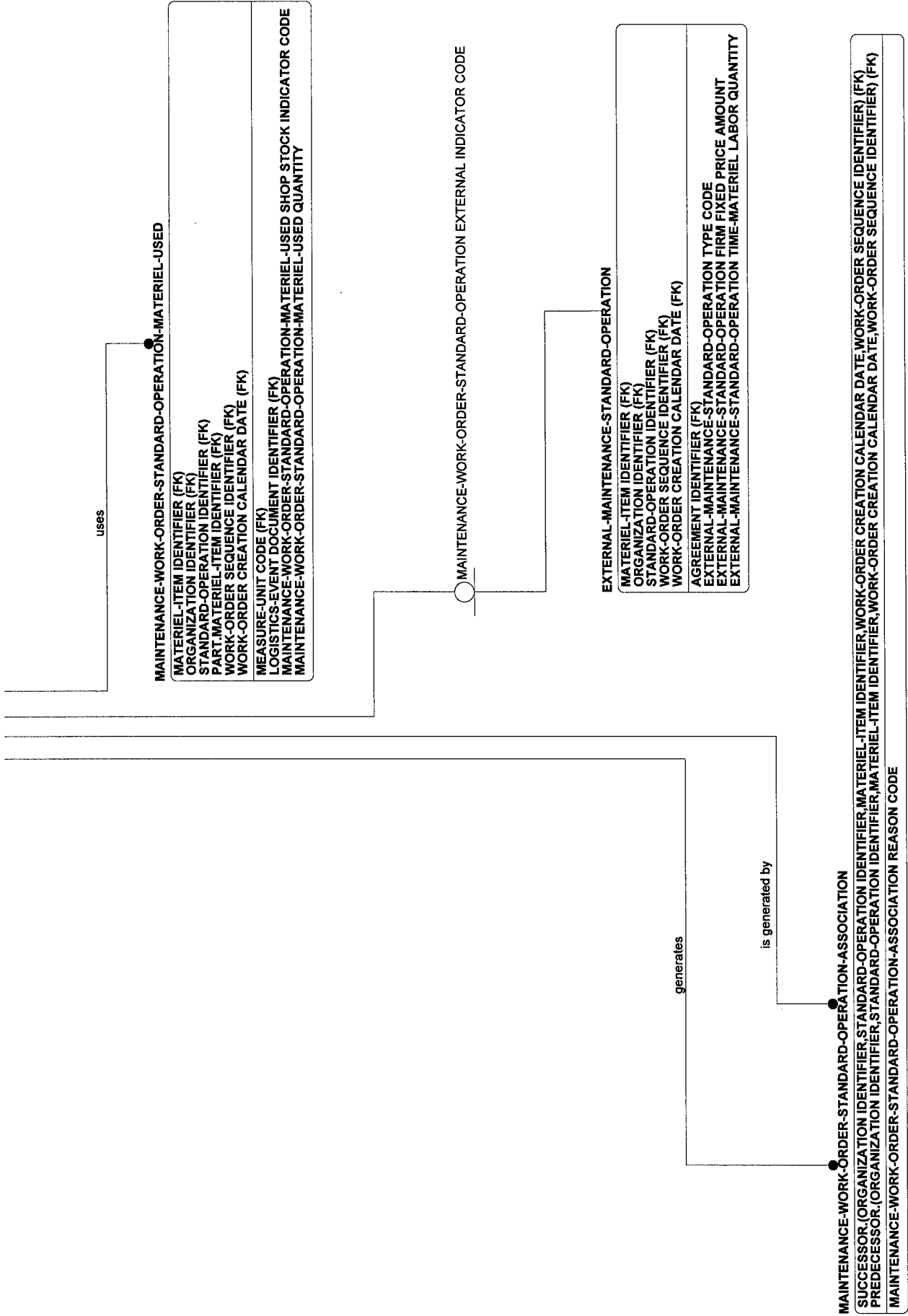
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MA-15





MA-16

Presentation Legend:  
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NORMAL = DEVELOPMENTAL

|                                                                        |
|------------------------------------------------------------------------|
| MATERIEL-ITEM-STANDARD-OPERATION                                       |
| STANDARD-OPERATION IDENTIFIER (FK)                                     |
| MATERIEL-ITEM IDENTIFIER (FK)                                          |
| MATERIEL-ITEM-STANDARD-OPERATION CERTIFICATION INDICATOR CODE          |
| MATERIEL-ITEM-STANDARD-OPERATION NON-MISSION CAPABLE DURATION QUANTITY |
| MATERIEL-ITEM-STANDARD-OPERATION PLANNED DURATION QUANTITY             |
| MATERIEL-ITEM-STANDARD-OPERATION STANDARDIZED INDICATOR CODE           |
| MATERIEL-ITEM-STANDARD-OPERATION TYPE CODE                             |
| MATERIEL-ITEM-STANDARD-OPERATION DESCRIPTION TEXT                      |

is executed to satisfy

|                                                                                   |
|-----------------------------------------------------------------------------------|
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION                                         |
| MATERIEL-ITEM IDENTIFIER (FK)                                                     |
| ORGANIZATION IDENTIFIER (FK)                                                      |
| STANDARD-OPERATION IDENTIFIER (FK)                                                |
| WORK-ORDER SEQUENCE IDENTIFIER (FK)                                               |
| WORK-ORDER CREATION CALENDAR DATE (FK)                                            |
| LOGISTICS-PRIORITY CODE (FK)                                                      |
| WORK-CENTER IDENTIFIER (FK)                                                       |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION COMPLETION CALENDAR DATE                |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION COMPLETION TIME                         |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION CONDEMNED QUANTITY                      |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION ESTIMATED DURATION QUANTITY             |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION ESTIMATED COST AMOUNT                   |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION ESTIMATED LABOR QUANTITY                |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION EXTERNAL INDICATOR CODE                 |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION NON-PRODUCTIVE INDICATOR CODE           |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION PERCENT COMPLETE RATE                   |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION NOT REPAIRABLE THIS STATION REASON CODE |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION ROUTING SEQUENCE IDENTIFIER             |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION START CALENDAR DATE                     |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION START TIME                              |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION TEXT                                    |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION WARRANTY CLAIM INDICATOR CODE           |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION WORK-CENTER ASSIGNMENT CALENDAR DATE    |

uses

|                                                                         |
|-------------------------------------------------------------------------|
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-LABOR                         |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-LABOR START CALENDAR DATE     |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-LABOR START TIME              |
| MATERIEL-ITEM IDENTIFIER (FK)                                           |
| ORGANIZATION IDENTIFIER (FK)                                            |
| STANDARD-OPERATION IDENTIFIER (FK)                                      |
| WORK-ORDER SEQUENCE IDENTIFIER (FK)                                     |
| WORK-ORDER CREATION CALENDAR DATE (FK)                                  |
| PERSON IDENTIFIER (FK)                                                  |
| WORKSTATION SEQUENCE IDENTIFIER (FK)                                    |
| WORK-CENTER IDENTIFIER (FK)                                             |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-LABOR DIRECT CHARGE CODE      |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-LABOR END CALENDAR DATE       |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-LABOR END TIME                |
| FACILITY IDENTIFIER (FK)                                                |
| MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-LABOR OVERTIME INDICATOR CODE |

|                                                                      |
|----------------------------------------------------------------------|
| EXTERNAL-MAINTENANCE-STANDARD-OPERATION                              |
| MATERIEL-ITEM IDENTIFIER (FK)                                        |
| ORGANIZATION IDENTIFIER (FK)                                         |
| STANDARD-OPERATION IDENTIFIER (FK)                                   |
| WORK-ORDER SEQUENCE IDENTIFIER (FK)                                  |
| WORK-ORDER CREATION CALENDAR DATE (FK)                               |
| AGREEMENT IDENTIFIER (FK)                                            |
| EXTERNAL-MAINTENANCE-STANDARD-OPERATION TYPE CODE                    |
| EXTERNAL-MAINTENANCE-STANDARD-OPERATION FIRM FIXED PRICE AMOUNT      |
| EXTERNAL-MAINTENANCE-STANDARD-OPERATION TIME-MATERIEL LABOR QUANTITY |

uses

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-MATERIEL-USED

MATERIEL-ITEM IDENTIFIER (FK)  
ORGANIZATION IDENTIFIER (FK)  
STANDARD-OPERATION IDENTIFIER (FK)  
PART.MATERIEL-ITEM IDENTIFIER (FK)  
WORK-ORDER SEQUENCE IDENTIFIER (FK)  
WORK-ORDER CREATION CALENDAR DATE (FK)

MEASURE-UNIT CODE (FK)

LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-MATERIEL-USED SHOP STOCK INDICATOR CODE

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-MATERIEL-USED QUANTITY

generates

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-ASSOCIATION

SUCCESSOR,(ORGANIZATION IDENTIFIER,STANDARD-OPERATION IDENTIFIER,MATERIEL-ITEM IDENTIFIER,WORK-ORDER CREATION CALENDAR DATE,WORK-ORDER SEQUENCE IDENTIFIER) (FK)  
PREDECESSOR,(ORGANIZATION IDENTIFIER,STANDARD-OPERATION IDENTIFIER,MATERIEL-ITEM IDENTIFIER,WORK-ORDER CREATION CALENDAR DATE,WORK-ORDER SEQUENCE IDENTIFIER) (FK)

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-ASSOCIATION REASON CODE

has condition of

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-STATUS

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-STATUS CALENDAR DATE  
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-STATUS TIME  
MATERIEL-ITEM IDENTIFIER (FK)  
ORGANIZATION IDENTIFIER (FK)  
STANDARD-OPERATION IDENTIFIER (FK)  
WORK-ORDER SEQUENCE IDENTIFIER (FK)  
WORK-ORDER CREATION CALENDAR DATE (FK)

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-STATUS CODE

is generated by

MA-17

# DOD DATA MODEL

MA-17

30 NOVEMBER 1998

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results in

## MAINTENANCE-PROJECT

|                                                          |
|----------------------------------------------------------|
| MAINTENANCE-PROJECT IDENTIFIER                           |
| PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)             |
| MAINTENANCE-REQUEST BEGIN CALENDAR DATE (FK)             |
| MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)             |
| REQUESTER (FK)                                           |
| MAINTENANCE-PROJECT-TYPE IDENTIFIER (FK)                 |
| MAINTENANCE-PROJECT ACTUAL END CALENDAR DATE             |
| MAINTENANCE-PROJECT DESCRIPTION TEXT                     |
| MAINTENANCE-PROJECT IMPACT MEMO TEXT                     |
| MAINTENANCE-PROJECT INITIATION CALENDAR DATE             |
| planning.ORGANIZATION IDENTIFIER (FK)                    |
| PERSON IDENTIFIER (FK)                                   |
| PERSON-ORGANIZATION BEGIN TIME (FK)                      |
| MAINTENANCE-PROJECT ASSIGNED LOCATION IDENTIFIER         |
| MAINTENANCE-PROJECT DIRECT LABOR AVAILABLE HOUR QUANTITY |
| MAINTENANCE-PROJECT FUND REMAINING AMOUNT                |
| MAINTENANCE-PROJECT ISSUE CALENDAR DATE                  |
| MAINTENANCE-PROJECT NAME                                 |
| MAINTENANCE-PROJECT PLANNED END DATE                     |
| MAINTENANCE-PROJECT PLANNED START CALENDAR DATE          |
| MAINTENANCE-PROJECT REVISION CALENDAR DATE               |
| MAINTENANCE-PROJECT TOTAL AUTHORIZED AMOUNT              |

requests work on

requests action on

## MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET

|                                                                               |
|-------------------------------------------------------------------------------|
| PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)                                  |
| MAINTENANCE-REQUEST BEGIN CALENDAR DATE (FK)                                  |
| MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)                                  |
| MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)                                     |
| REQUESTER (FK)                                                                |
| MATERIEL-ITEM IDENTIFIER (FK)                                                 |
| ORGANIZATION IDENTIFIER (FK)                                                  |
| MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)                       |
| MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET REQUIRED DELIVERY CALENDAR DATE |

enters

records

## WORKSTATION-MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET

|                                                                        |
|------------------------------------------------------------------------|
| ORGANIZATION IDENTIFIER (FK)                                           |
| MAINTENANCE-REQUEST BEGIN CALENDAR DATE (FK)                           |
| FACILITY IDENTIFIER (FK)                                               |
| MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)                           |
| MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)                              |
| MATERIEL-ITEM IDENTIFIER (FK)                                          |
| WORK-CENTER IDENTIFIER (FK)                                            |
| WORKSTATION SEQUENCE IDENTIFIER (FK)                                   |
| MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)                |
| REQUESTER (FK)                                                         |
| PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)                           |
| WORKSTATION-MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET RECEIPT DATE |
| WORKSTATION-MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET RELEASE DATE |

|                                                     |
|-----------------------------------------------------|
| MAINTENANCE-REQUEST                                 |
| REQUESTER.ORGANIZATION IDENTIFIER (FK)              |
| MAINTENANCE-REQUEST CALENDAR DATE                   |
| MAINTENANCE-REQUEST SEQUENCE IDENTIFIER             |
| PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)        |
| ORGANIZATION IDENTIFIER (FK)                        |
| PERSON IDENTIFIER (FK)                              |
| MAINTENANCE-REQUEST TYPE CODE                       |
| MAINTENANCE-REQUEST DESCRIPTION TEXT                |
| PERSON-ORGANIZATION BEGIN TIME (FK)                 |
| MAINTENANCE-REQUEST ACCEPTANCE CALENDAR DATE        |
| MAINTENANCE-REQUEST FIELD INDICATOR CODE            |
| MAINTENANCE-REQUEST FINAL DISPOSITION CODE          |
| MAINTENANCE-REQUEST INTRANSIT INDICATOR CODE        |
| MAINTENANCE-REQUEST REJECTION TEXT                  |
| MAINTENANCE-REQUEST REQUESTOR CONTACT TEXT          |
| MAINTENANCE-REQUEST REQUIRED DELIVERY CALENDAR DATE |
| MAINTENANCE-REQUEST SYMPTOM TEXT                    |
| MATERIEL-ITEM IDENTIFIER (FK)                       |

initiates

returns

results in

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|                                                         |
|---------------------------------------------------------|
| MAINTENANCE-RETURN-RECEIPT                              |
| MAINTENANCE-RETURN-RECEIPT SEQUENCE IDENTIFIER          |
| PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)            |
| ORGANIZATION IDENTIFIER (FK)                            |
| MAINTENANCE-REQUEST CALENDAR DATE (FK)                  |
| MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)            |
| REQUESTER (FK)                                          |
| MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)               |
| MATERIEL-ITEM IDENTIFIER (FK)                           |
| MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK) |
| MAINTENANCE-RETURN-RECEIPT DATE                         |
| MAINTENANCE-RETURN-RECEIPT REASON CODE                  |

exhibits

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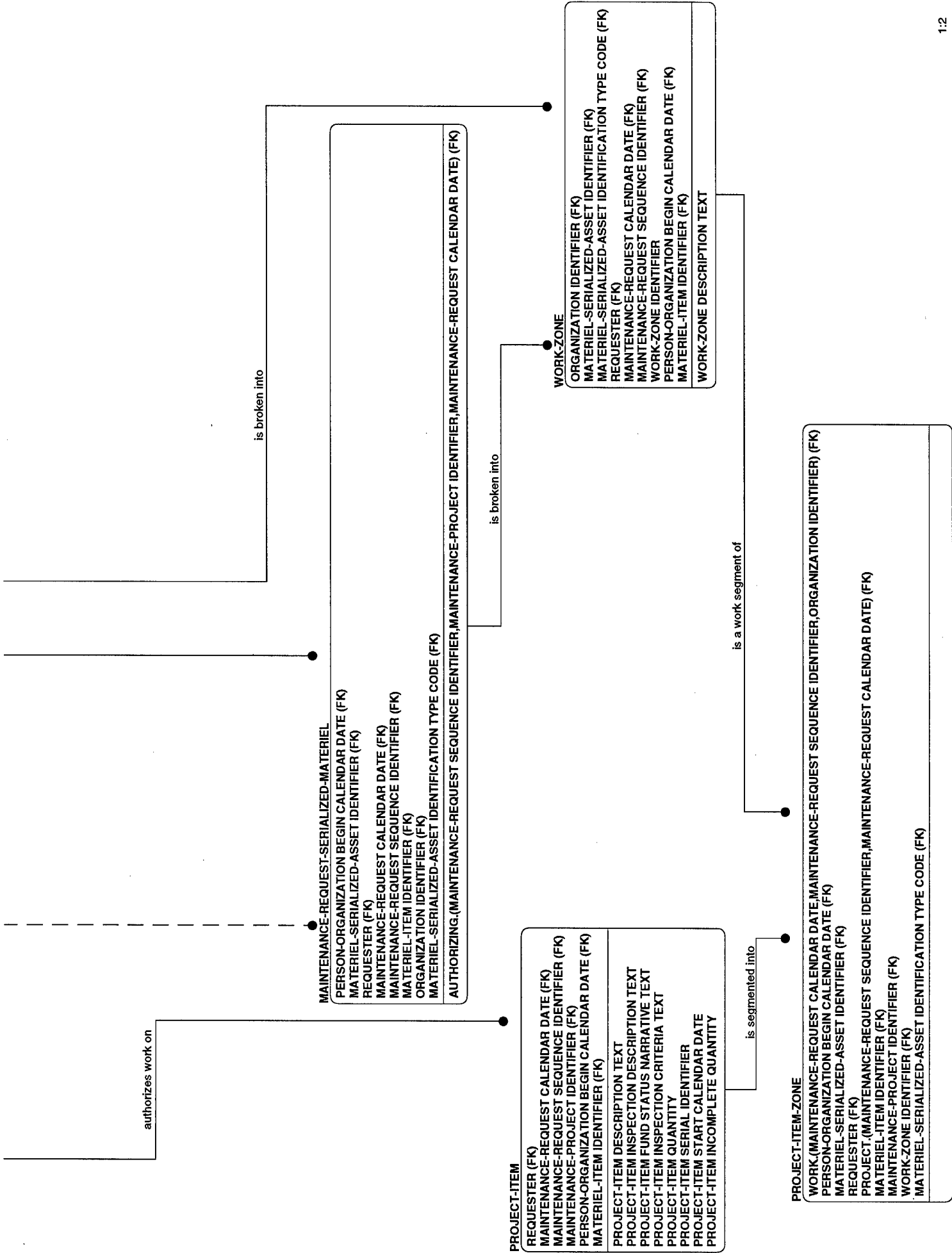
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| MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM                      |
| MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM IDENTIFIER           |
| REQUESTER.(ORGANIZATION IDENTIFIER REQUESTER) (FK)                         |
| MAINTENANCE-REQUEST CALENDAR DATE (FK)                                     |
| MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)                               |
| MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)                    |
| MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)                                  |
| MATERIEL-ITEM IDENTIFIER (FK)                                              |
| PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)                               |
| MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM ACCEPT CALENDAR DATE |
| MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM ACCEPT TIME          |
| MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM TEXT                 |

repairs

is repaired by

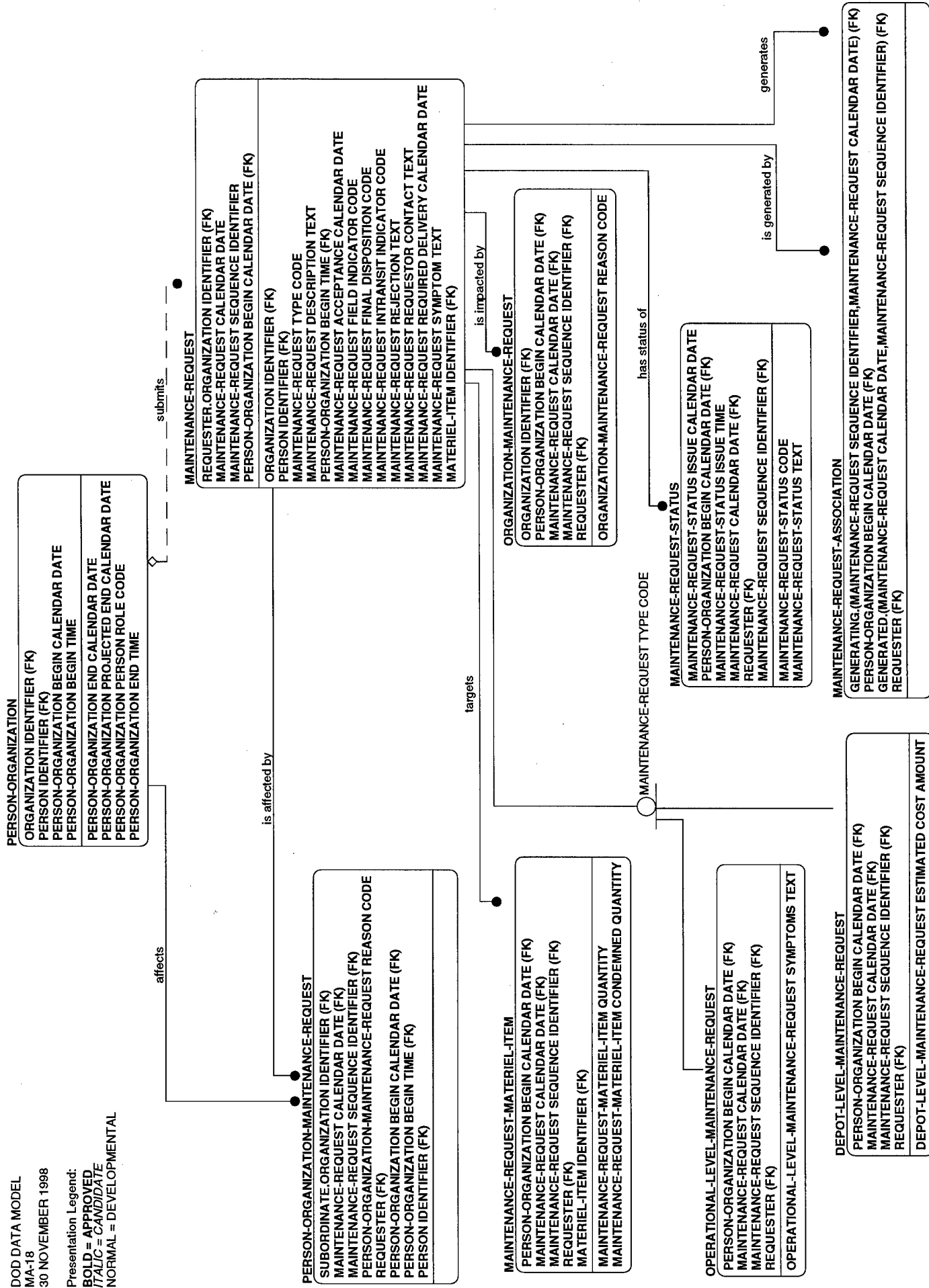
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| SYMPTOM-MAINTENANCE-WORK-ORDER                                        |
| PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)                          |
| MAINTENANCE-REQUEST CALENDAR DATE (FK)                                |
| MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)                          |
| MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)                             |
| MATERIEL-ITEM IDENTIFIER (FK)                                         |
| REQUESTER (FK)                                                        |
| WORK-ORDER SEQUENCE IDENTIFIER (FK)                                   |
| MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)               |
| MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM IDENTIFIER (FK) |
| RESPONDING (FK)                                                       |
| WORK-ORDER CREATION CALENDAR DATE (FK)                                |

|                                                                         |
|-------------------------------------------------------------------------|
| MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-USAGE                     |
| MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-USAGE SEQUENCE IDENTIFIER |
| ORGANIZATION IDENTIFIER (FK)                                            |
| MAINTENANCE-REQUEST CALENDAR DATE (FK)                                  |
| MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)                            |
| MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)                 |
| MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)                               |
| REQUESTER (FK)                                                          |
| MATERIEL-ITEM IDENTIFIER (FK)                                           |
| PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)                            |
| MEASURE-UNIT CODE (FK)                                                  |
| MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-USAGE QUANTITY            |



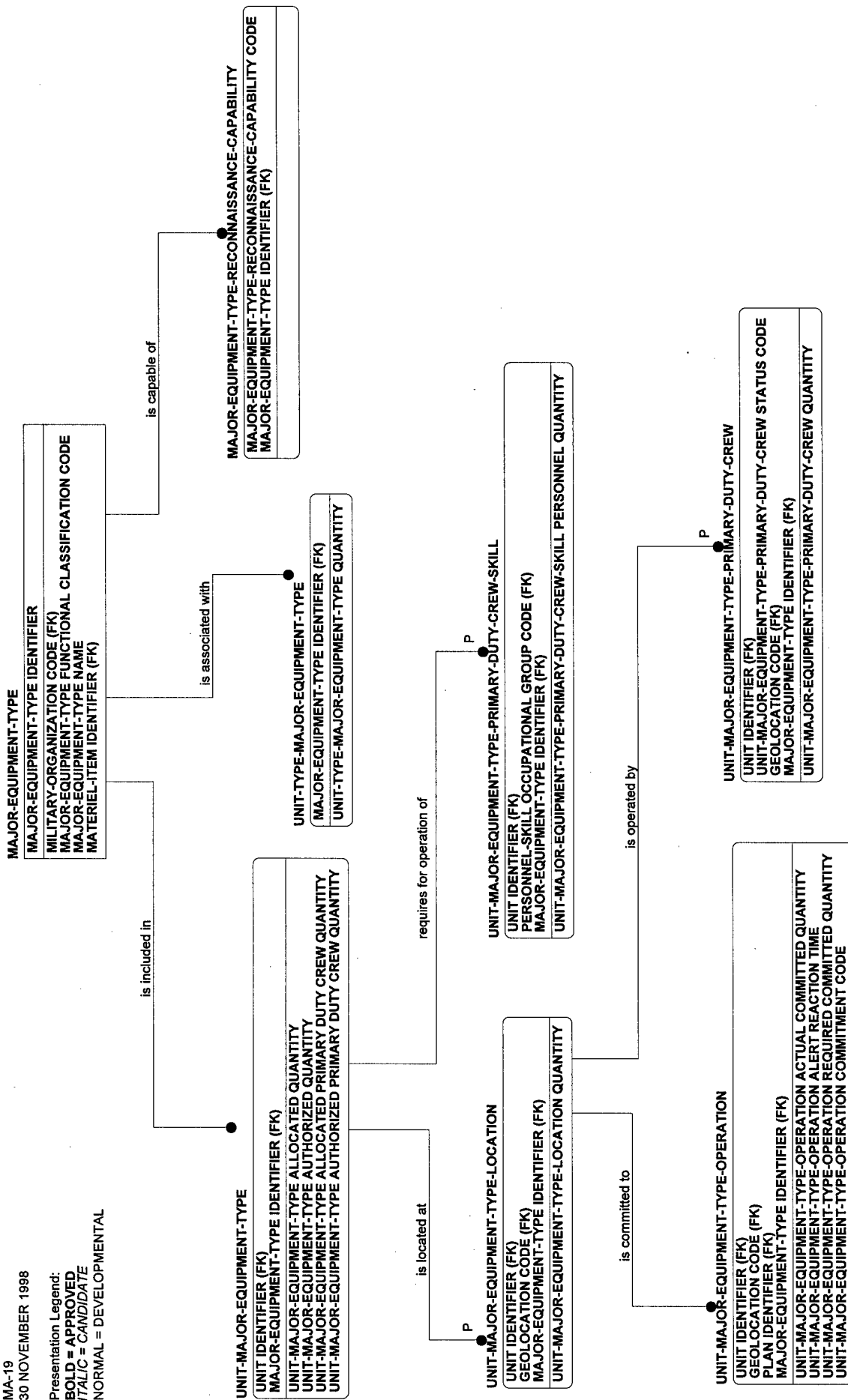
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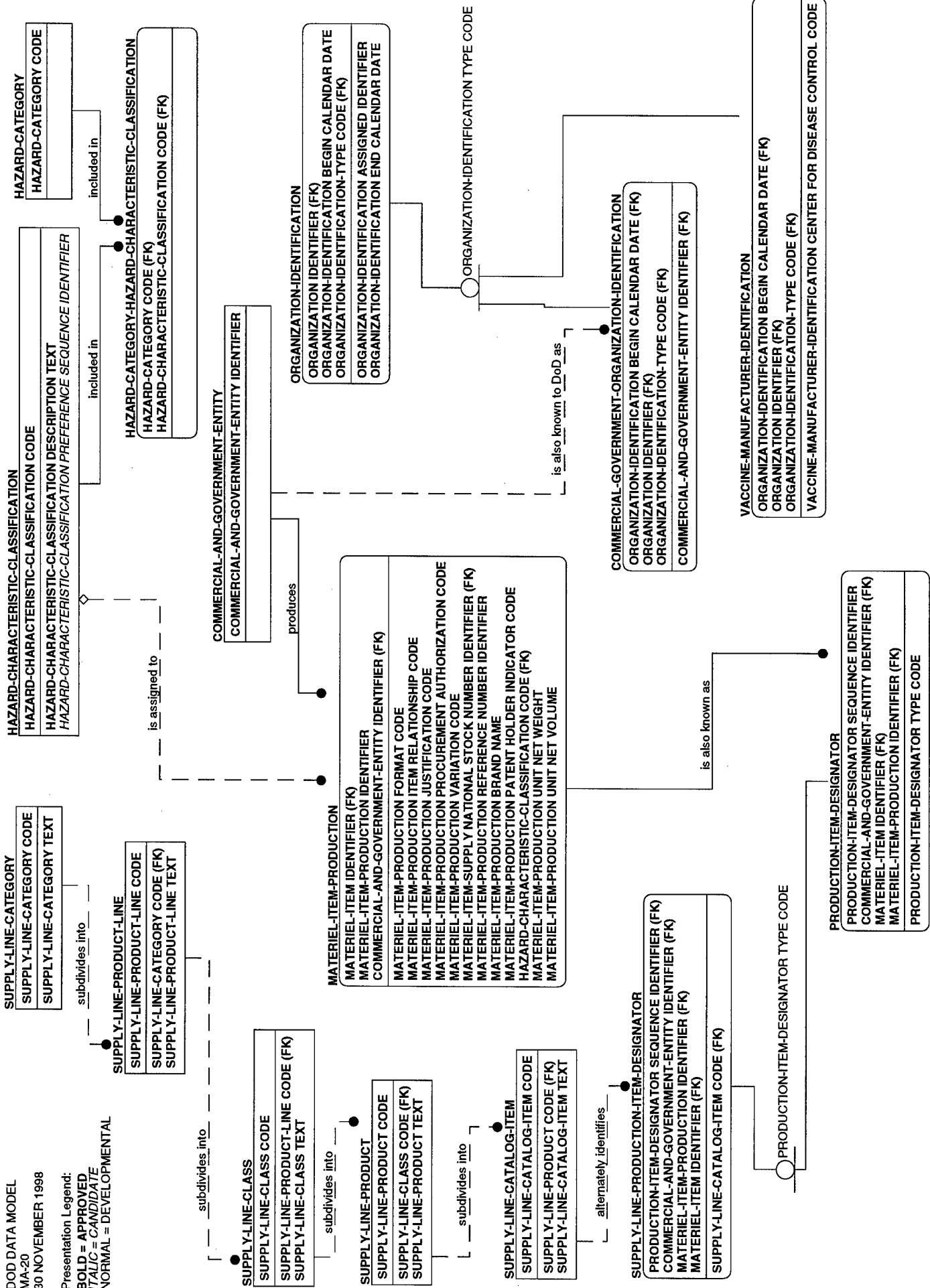
MA-19

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 MA-19  
 30 NOVEMBER 1998  
 Presentation Legend:  
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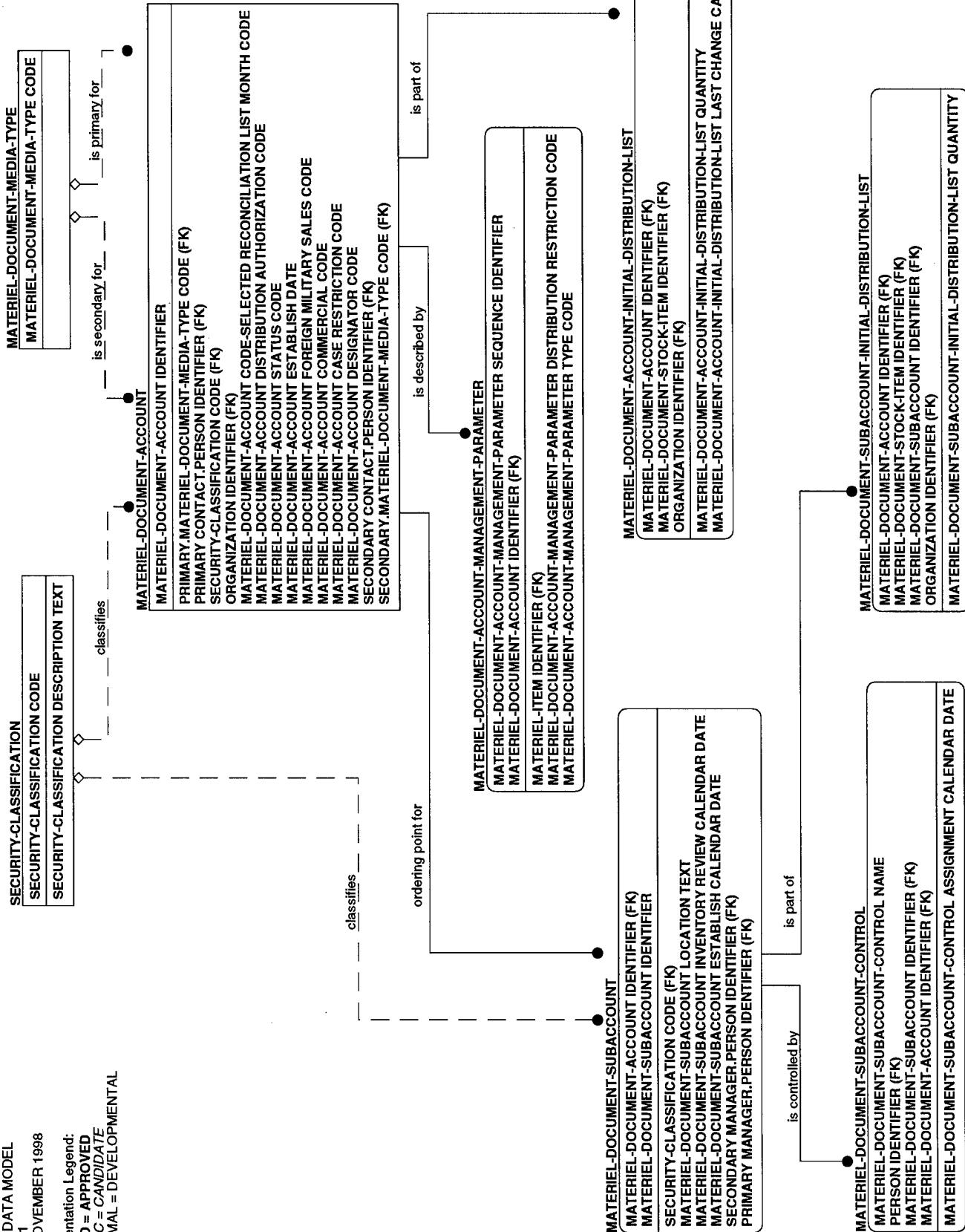
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MA-21

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MA-22

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MA-22  
30 NOVEMBER 1998  
  
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|                                                                                                  |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| MATERIEL-DOCUMENT-REVISION                                                                       |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER                                                   |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE                                                   |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER                                         |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT IDENTIFIER (FK)                                                                |  |  |  |  |  |  |  |  |  |
| SECURITY-CLASSIFICATION CODE (FK)                                                                |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION SUPPLEMENT IDENTIFIER                                                 |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION CALENDAR DATE                                                         |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION CATEGORY CODE                                                         |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION ACTUAL DISTRIBUTION CALENDAR DATE                                     |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION SCHEDULED DISTRIBUTION CALENDAR DATE                                  |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION READING GRADE LEVEL CODE                                              |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION COMMERCIAL CODE                                                       |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION PAGE QUANTITY                                                         |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION RETAIN QUANTITY                                                       |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION UNAVAILABILITY CALENDAR DATE                                          |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION DATA RIGHTS CODE                                                      |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION PLANNED SUPERSESSION CALENDAR DATE                                    |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION PLANNED RESCIND CALENDAR DATE                                         |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION REPLACE CALENDAR DATE                                                 |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION OWNERSHIP TRANSFER CALENDAR DATE                                      |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION INTERIM CODE                                                          |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION PRELIMINARY PUBLICATION CODE                                          |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION VOLUME-UNIT IDENTIFIER                                                |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION RESCINDED REVIEW CALENDAR DATE                                        |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION CATALOG NOTE TEXT                                                     |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION SCHEDULED PUBLICATION CALENDAR DATE                                   |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION REINSTATED CALENDAR DATE                                              |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION TIME-COMPLIANT TECHNICAL ORDER RESCIND CALENDAR DATE                  |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION SHORT TITLE TEXT                                                      |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION JOINT PROPONENCY IDENTIFIER                                           |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION TIME-COMPLIANT TECHNICAL ORDER DATA IDENTIFIER                        |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION AVAILABLE DISTRIBUTION CODE                                           |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION TIME-COMPLIANT TECHNICAL ORDER CODE                                   |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION AVAILABLE INDEX CODE                                                  |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REVIEW REQUIREMENT CODE |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION RETAIN REASON CODE                                                    |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION SECONDARY DISTRIBUTION RESTRICTION STATEMENT CODE                     |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION SECONDARY DISTRIBUTION RESTRICTION STATEMENT REASON CODE              |  |  |  |  |  |  |  |  |  |
| COMMERCIAL-AND-GOVERNMENT-ENTITY IDENTIFIER (FK)                                                 |  |  |  |  |  |  |  |  |  |
| MATERIEL-DOCUMENT-REVISION RELIABILITY CENTERED MAINTENANCE ANALYSIS CODE                        |  |  |  |  |  |  |  |  |  |

DOCUMENT-RECOMMENDED-CHANGE-ASSOCIATION

ORDINATE.(MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER,M/  
SUBORDINATE.(MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER

updated by

DOCUMENT-CHANGE-PACKAGE

DOCUMENT-CHANGE-PACKAGE IDENTIFIER

MATERIEL-DOCUMENT IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
DOCUMENT-CHANGE-PACKAGE INCORPORATION CALENDAR DATE  
DOCUMENT-CHANGE-PACKAGE SUBMISSION PREPARATION CALENDAR DATE  
DOCUMENT-CHANGE-PACKAGE SUBMISSION PRINTER CALENDAR DATE

subject to

contains

characterizes

P

DOCUMENT-RECOMMENDED-CHANGE

DOCUMENT-RECOMMENDED-CHANGE IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT IDENTIFIER (FK)

DOCUMENT-CHANGE-PACKAGE IDENTIFIER (FK)

DOCUMENT-RECOMMENDED-CHANGE-PRIORITY CODE (FK)  
DOCUMENT-RECOMMENDED-CHANGE CODE  
DOCUMENT-RECOMMENDED-CHANGE LOCAL IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE VOLUME-UNIT IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE TABLE IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE STEP IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE PARAGRAPH IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE DEFICIENCY PAGE IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE DEFICIENCY FIGURE IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE DEFICIENCY LINE IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE ITEM IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE FUNCTION IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE SUMMARY TEXT  
DOCUMENT-RECOMMENDED-CHANGE ESTIMATED COMPLETION CALENDAR DATE  
DOCUMENT-RECOMMENDED-CHANGE SUBMISSION SIGN CALENDAR DATE  
DOCUMENT-RECOMMENDED-CHANGE SUBMISSION EVALUATION CALENDAR DATE  
DOCUMENT-RECOMMENDED-CHANGE SUBMISSION CONTRACTOR CALENDAR DATE  
DOCUMENT-RECOMMENDED-CHANGE COMMENT TEXT  
DOCUMENT-RECOMMENDED-CHANGE DEFICIENCY TEXT  
DOCUMENT-RECOMMENDED-CHANGE REQUIREMENT STATEMENT TEXT

is primary change of

is duplicate change of

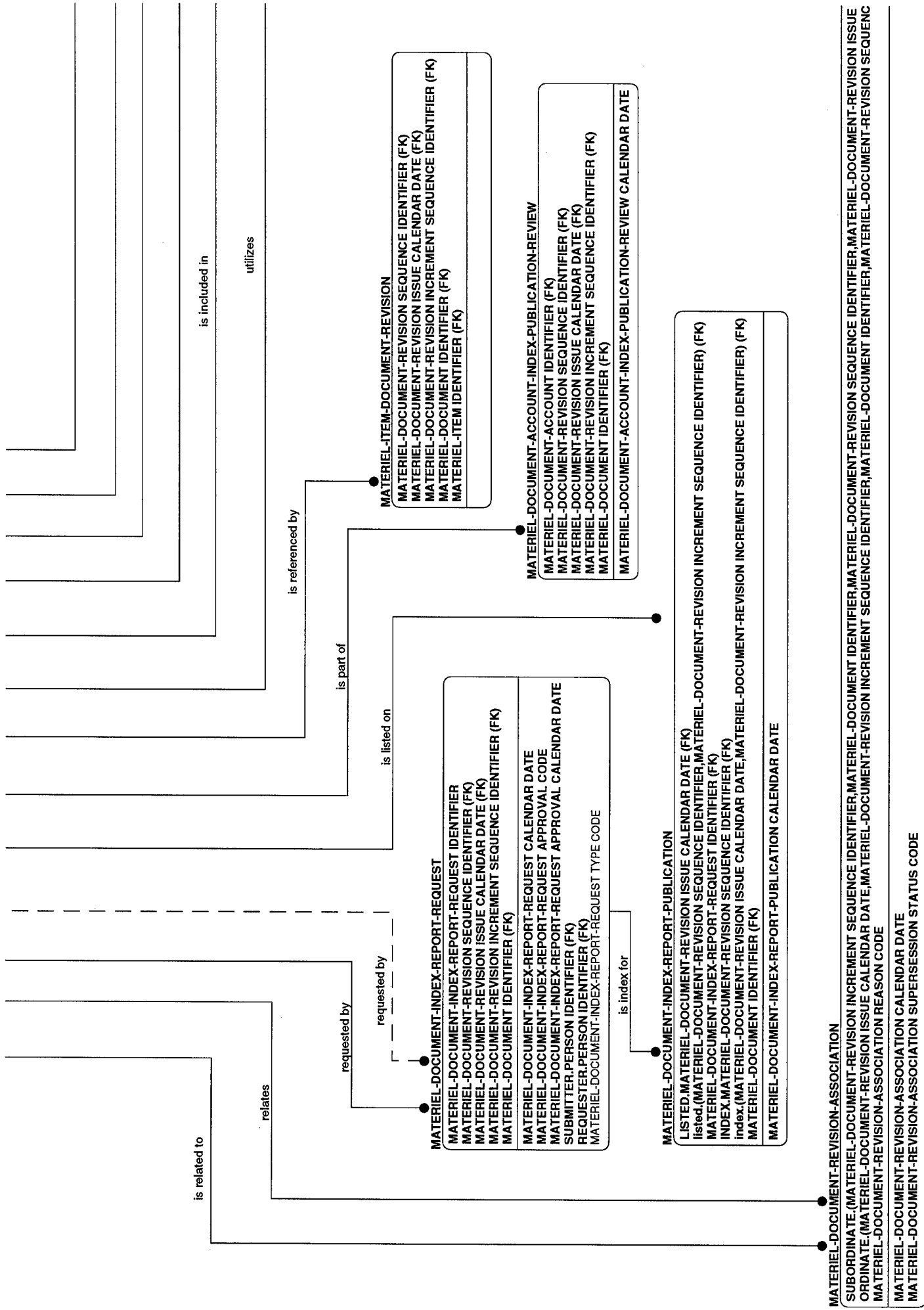
subject of

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DOCUMENT-RECOMMENDED-CHANGE-ACTION

DOCUMENT-RECOMMENDED-CHANGE-ACTION SEQUENCE IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT IDENTIFIER (FK)  
DOCUMENT-RECOMMENDED-CHANGE-ACTION CALENDAR DATE  
DOCUMENT-RECOMMENDED-CHANGE-ACTION STATUS CODE

MATERIEL-DOCUMENT IDENTIFIER,DOCUMENT-RECOMMENDED-CHANGE IDENTIFIER,MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE,MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER) (FK)  
R,MATERIEL-DOCUMENT IDENTIFIER,DOCUMENT-RECOMMENDED-CHANGE IDENTIFIER,MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE,MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER) (FK)



is the basis for

requires

is identified by

is described by

MATERIEL-DOCUMENT-REVISION-STATUS

MATERIEL-DOCUMENT-REVISION-STATUS CALENDAR DATE  
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION-STATUS CODE  
MATERIEL-DOCUMENT IDENTIFIER (FK)

MATERIEL-DOCUMENT-REVISION-STOCK-ITEM

MATERIEL-DOCUMENT-STOCK-ITEM IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
ORGANIZATION IDENTIFIER (FK)  
MATERIEL-DOCUMENT IDENTIFIER (FK)

MATERIEL-DOCUMENT-REVISION-STOCK-ITEM TYPE CODE

MATERIEL-DOCUMENT-REVISION-MEDIA-TYPE

MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-MEDIA-TYPE CODE (FK)  
MATERIEL-DOCUMENT IDENTIFIER (FK)

CALENDAR DATE) (FK)  
E IDENTIFIER) (FK)

MATERIEL-DOCUMENT-REVISION-STORAGE-LOCATION

FACILITY IDENTIFIER (FK)  
MATERIEL-DOCUMENT IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
FACILITY-CLASS CODE (FK)  
FACILITY-BASIC-CATEGORY CODE (FK)  
STORAGE-LOCATION WAREHOUSE IDENTIFIER (FK)  
STORAGE-LOCATION SECTION IDENTIFIER (FK)  
STORAGE-LOCATION ROW IDENTIFIER (FK)  
STORAGE-LOCATION SEGMENT IDENTIFIER (FK)  
STORAGE-LOCATION LEVEL IDENTIFIER (FK)  
STORAGE-LOCATION COMPARTMENT IDENTIFIER (FK)  
FACILITY-USE EFFECTIVE DATE (FK)  
FACILITY-CATEGORY CODE (FK)  
FACILITY-USE STATUS CODE (FK)

MATERIEL-DOCUMENT-REVISION-POST-PUBLICATION-REVIEW

MATERIEL-DOCUMENT-REVISION-POST-PUBLICATION-REVIEW TYPE CODE  
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT IDENTIFIER (FK)

MATERIEL-DOCUMENT-REVISION-POST-PUBLICATION-REVIEW CALENDAR DATE

MATERIEL-DOCUMENT-REVISION-POST-PUBLICATION-REVIEW RECOMMENDATION CODE

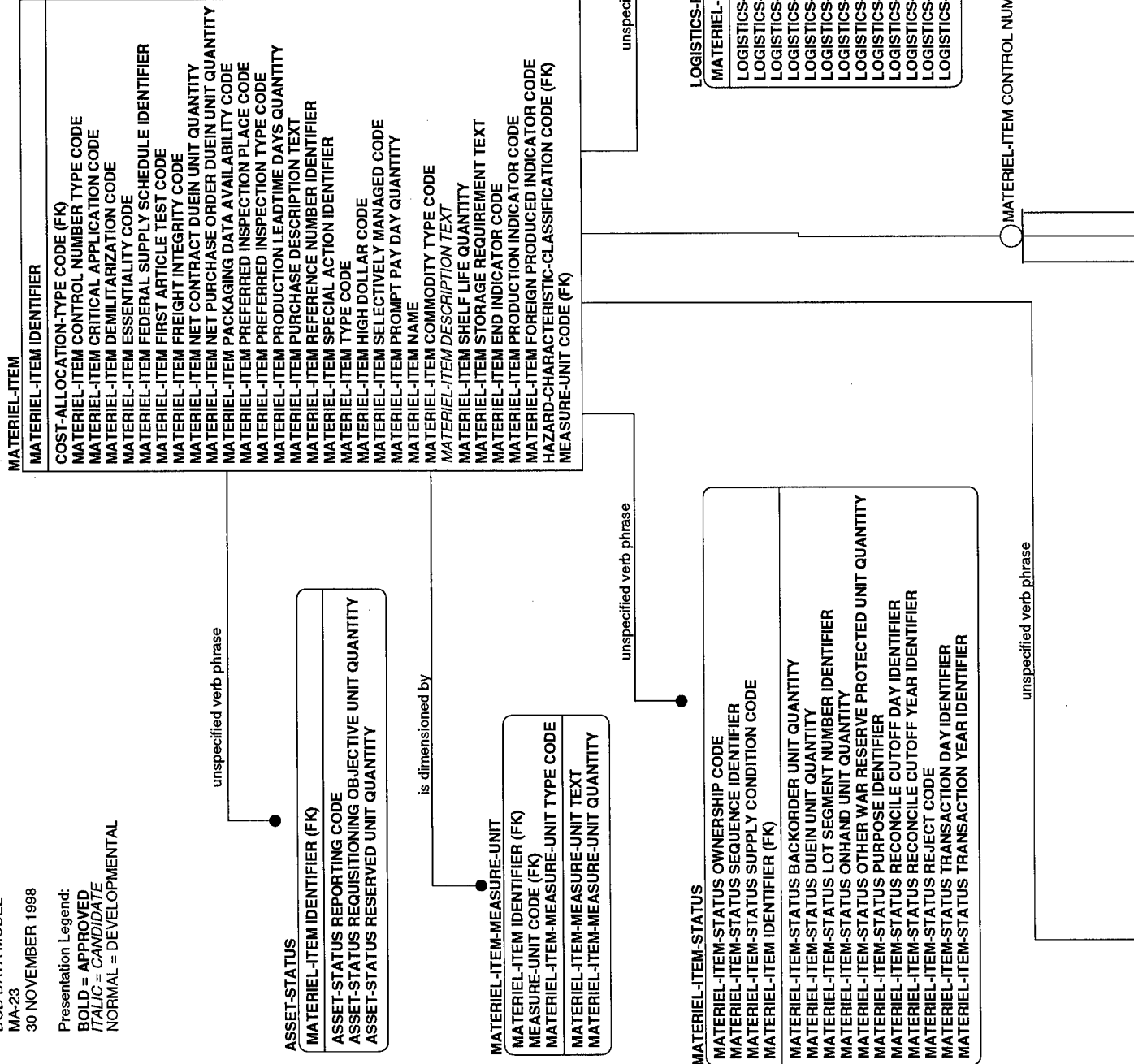
MATERIEL-DOCUMENT-REVISION-TITLE

MATERIEL-DOCUMENT-REVISION-TITLE NAME  
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT IDENTIFIER (FK)

SECURITY-CLASSIFICATION CODE (FK)

MA-23

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL





MA-24

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

**MATERIEL-ITEM**

| MATERIEL-ITEM IDENTIFIER                             |
|------------------------------------------------------|
| COST-ALLOCATION-TYPE CODE (FK)                       |
| MATERIEL-ITEM CONTROL NUMBER TYPE CODE               |
| MATERIEL-ITEM CRITICAL APPLICATION CODE              |
| MATERIEL-ITEM DEMILITARIZATION CODE                  |
| MATERIEL-ITEM ESSENTIALITY CODE                      |
| MATERIEL-ITEM FEDERAL SUPPLY SCHEDULE IDENTIFIER     |
| MATERIEL-ITEM FIRST ARTICLE TEST CODE                |
| MATERIEL-ITEM FREIGHT INTEGRITY CODE                 |
| MATERIEL-ITEM NET CONTRACT DUEIN UNIT QUANTITY       |
| MATERIEL-ITEM NET PURCHASE ORDER DUEIN UNIT QUANTITY |
| MATERIEL-ITEM PACKAGING DATA AVAILABILITY CODE       |
| MATERIEL-ITEM PREFERRED INSPECTION PLACE CODE        |
| MATERIEL-ITEM PRODUCTION LEADTIME DAYS QUANTITY      |
| MATERIEL-ITEM PURCHASE DESCRIPTION TEXT              |
| MATERIEL-ITEM REFERENCE NUMBER IDENTIFIER            |
| MATERIEL-ITEM SPECIAL ACTION IDENTIFIER              |
| MATERIEL-ITEM TYPE CODE                              |
| MATERIEL-ITEM HIGH DOLLAR CODE                       |
| MATERIEL-ITEM SELECTIVELY MANAGED CODE               |
| MATERIEL-ITEM PROMPT PAY DAY QUANTITY                |
| MATERIEL-ITEM NAME                                   |
| MATERIEL-ITEM COMMODITY TYPE CODE                    |
| MATERIEL-ITEM DESCRIPTION TEXT                       |
| MATERIEL-ITEM SHELF LIFE QUANTITY                    |
| MATERIEL-ITEM STORAGE REQUIREMENT TEXT               |
| MATERIEL-ITEM END INDICATOR CODE                     |
| MATERIEL-ITEM PRODUCTION INDICATOR CODE              |
| MATERIEL-ITEM FOREIGN PRODUCED INDICATOR CODE        |
| HAZARD-CHARACTERISTIC-CLASSIFICATION CODE (FK)       |
| MEASURE-UNIT CODE (FK)                               |

may be included in

**MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE**

|                                                                         |
|-------------------------------------------------------------------------|
| ORGANIZATION IDENTIFIER (FK)                                            |
| MATERIEL-ITEM IDENTIFIER (FK)                                           |
| MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE IDENTIFIER                  |
| MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE ACCURACY EVALUATION CODE    |
| MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE QUANTITY                    |
| MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE RELIABILITY EVALUATION CODE |
| MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE STATUS CODE                 |
| MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE SUPPLY RATE                 |
| MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE TYPE CODE                   |
| MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE CALENDAR DATE               |
| ESTIMATING-ORGANIZATION IDENTIFIER (FK)                                 |

is the target of

is the agent of

**MATERIEL-ITEM-MATERIEL-ITEM-EFFECTIVENESS**

|                                                                      |
|----------------------------------------------------------------------|
| MATERIEL-ITEM IDENTIFIER (FK)                                        |
| MATERIEL-ITEM-MATERIEL-ITEM-EFFECTIVENESS IDENTIFIER                 |
| MATERIEL-ITEM-MATERIEL-ITEM-EFFECTIVENESS CONDITION PROBABILITY RATE |
| MATERIEL-ITEM-MATERIEL-ITEM-EFFECTIVENESS EXPECTED RANGE DIMENSION   |

unspecified verb phrase

**MATERIEL-ITEM-DEMAND**

|                               |
|-------------------------------|
| MATERIEL-ITEM IDENTIFIER (FK) |
|-------------------------------|

unspecified verb phrase

**WAR-REQUIREMENT-ITEM**

|                                                  |
|--------------------------------------------------|
| WAR-REQUIREMENT-ITEM PREPARATION DAY IDENTIFIER  |
| WAR-REQUIREMENT-ITEM PREPARATION YEAR IDENTIFIER |
| WAR-REQUIREMENT-ITEM CATEGORY CODE               |

unspecified verb phrase

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**WAR-REQUIREMENT-DETAIL**

|                                                       |
|-------------------------------------------------------|
| WAR-REQUIREMENT-DETAIL SEQUENCE IDENTIFIER            |
| WAR-REQUIREMENT-ITEM PREPARATION DAY IDENTIFIER (FK)  |
| WAR-REQUIREMENT-ITEM PREPARATION YEAR IDENTIFIER (FK) |
| MATERIEL-ITEM IDENTIFIER (FK)                         |
| WAR-REQUIREMENT-DETAIL UNIT QUANTITY                  |

may be included in

|                                                                   |
|-------------------------------------------------------------------|
| MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE                             |
| MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE IDENTIFIER                  |
| MATERIEL-ITEM IDENTIFIER (FK)                                     |
| PERSON IDENTIFIER (FK)                                            |
| ORGANIZATION IDENTIFIER (FK)                                      |
| MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE ACCURACY EVALUATION CODE    |
| MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE QUANTITY                    |
| MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE RELIABILITY EVALUATION CODE |
| MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE STATUS CODE                 |
| MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE SUPPLY RATE                 |
| MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE TYPE CODE                   |
| MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE CALENDAR DATE               |
| MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE TIME                        |

may be included in

|                                                                    |
|--------------------------------------------------------------------|
| MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE                             |
| MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE IDENTIFIER                  |
| MATERIEL-ITEM IDENTIFIER (FK)                                      |
| FEATURE IDENTIFIER (FK)                                            |
| ORGANIZATION IDENTIFIER (FK)                                       |
| MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE ACCURACY EVALUATION CODE    |
| MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE QUANTITY                    |
| MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE RELIABILITY EVALUATION CODE |
| MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE STATUS CODE                 |
| MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE SUPPLY RATE                 |
| MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE TYPE CODE                   |
| MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE CALENDAR DATE               |
| MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE TIME                        |

is the object of

|                                                                    |
|--------------------------------------------------------------------|
| MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST                          |
| MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST IDENTIFIER               |
| ORGANIZATION IDENTIFIER (FK)                                       |
| MATERIEL-ITEM IDENTIFIER (FK)                                      |
| MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST PERIOD TEXT              |
| MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST LABOR QUANTITY           |
| MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST STOCK COST AMOUNT        |
| MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST OTHER DIRECT COST AMOUNT |
| MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST OVERHEAD COST AMOUNT     |

unspecified verb phrase

|                                                                |
|----------------------------------------------------------------|
| MATERIEL-ITEM-DATA-CORRECTION                                  |
| MATERIEL-ITEM-DATA-CORRECTION EFFECTIVE DAY IDENTIFIER         |
| MATERIEL-ITEM IDENTIFIER (FK)                                  |
| MATERIEL-ITEM-DATA-CORRECTION CHANGE CODE                      |
| MATERIEL-ITEM-DATA-CORRECTION DECIMAL LOCATOR FACTOR QUANTITY  |
| MATERIEL-ITEM-DATA-CORRECTION EFFECTIVE YEAR IDENTIFIER        |
| MATERIEL-ITEM-DATA-CORRECTION FORMER CONTROL NUMBER IDENTIFIER |
| MATERIEL-ITEM-DATA-CORRECTION FORMER UNIT ISSUE CODE           |
| MATERIEL-ITEM-DATA-CORRECTION MULTIPLICATION FACTOR QUANTITY   |
| MATERIEL-ITEM-DATA-CORRECTION REJECT CODE                      |
| MATERIEL-ITEM-DATA-CORRECTION TRANSACTION DAY IDENTIFIER       |
| MATERIEL-ITEM-DATA-CORRECTION TRANSACTION YEAR IDENTIFIER      |

may be included in

|                                                                     |
|---------------------------------------------------------------------|
| MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE                             |
| MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE IDENTIFIER                  |
| MATERIEL-ITEM IDENTIFIER (FK)                                       |
| FACILITY IDENTIFIER (FK)                                            |
| ORGANIZATION IDENTIFIER (FK)                                        |
| MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE ACCURACY EVALUATION CODE    |
| MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE QUANTITY                    |
| MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE RELIABILITY EVALUATION CODE |
| MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE STATUS CODE                 |
| MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE SUPPLY RATE                 |
| MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE TYPE CODE                   |
| MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE CALENDAR DATE               |
| MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE TIME                        |

MA-25

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

| MATERIEL-ITEM                                        |
|------------------------------------------------------|
| MATERIEL-ITEM IDENTIFIER                             |
| COST-ALLOCATION-TYPE CODE (FK)                       |
| MATERIEL-ITEM CONTROL NUMBER TYPE CODE               |
| MATERIEL-ITEM CRITICAL APPLICATION CODE              |
| MATERIEL-ITEM DEMILITARIZATION CODE                  |
| MATERIEL-ITEM ESSENTIALITY CODE                      |
| MATERIEL-ITEM FEDERAL SUPPLY SCHEDULE IDENTIFIER     |
| MATERIEL-ITEM FIRST ARTICLE TEST CODE                |
| MATERIEL-ITEM FREIGHT INTEGRITY CODE                 |
| MATERIEL-ITEM NET PURCHASE ORDER DUEIN UNIT QUANTITY |
| MATERIEL-ITEM PACKAGING DATA AVAILABILITY CODE       |
| MATERIEL-ITEM PREFERRED INSPECTION PLACE CODE        |
| MATERIEL-ITEM PRODUCTION LEADTIME DAYS QUANTITY      |
| MATERIEL-ITEM PURCHASE DESCRIPTION TEXT              |
| MATERIEL-ITEM REFERENCE NUMBER IDENTIFIER            |
| MATERIEL-ITEM SPECIAL ACTION IDENTIFIER              |
| MATERIEL-ITEM TYPE CODE                              |
| MATERIEL-ITEM HIGH DOLLAR CODE                       |
| MATERIEL-ITEM SELECTIVELY MANAGED CODE               |
| MATERIEL-ITEM PROMPT PAY DAY QUANTITY                |
| MATERIEL-ITEM NAME                                   |
| MATERIEL-ITEM COMMODITY TYPE CODE                    |
| MATERIEL-ITEM DESCRIPTION TEXT                       |
| MATERIEL-ITEM SHELF LIFE QUANTITY                    |
| MATERIEL-ITEM STORAGE REQUIREMENT TEXT               |
| MATERIEL-ITEM END INDICATOR CODE                     |
| MATERIEL-ITEM PRODUCTION INDICATOR CODE              |
| MATERIEL-ITEM FOREIGN PRODUCED INDICATOR CODE        |
| HAZARD-CHARACTERISTIC-CLASSIFICATION CODE (FK)       |
| MEASURE-UNIT CODE (FK)                               |

MATERIEL-ITEM FOREIGN PRODUCED INDICATOR CODE

MATERIEL-ITEM-FOREIGN-PRODUCED  
MATERIEL-ITEM IDENTIFIER (FK)  
COUNTRY CODE (FK)

MATERIEL-ITEM PRODUCTION INDICATOR CODE

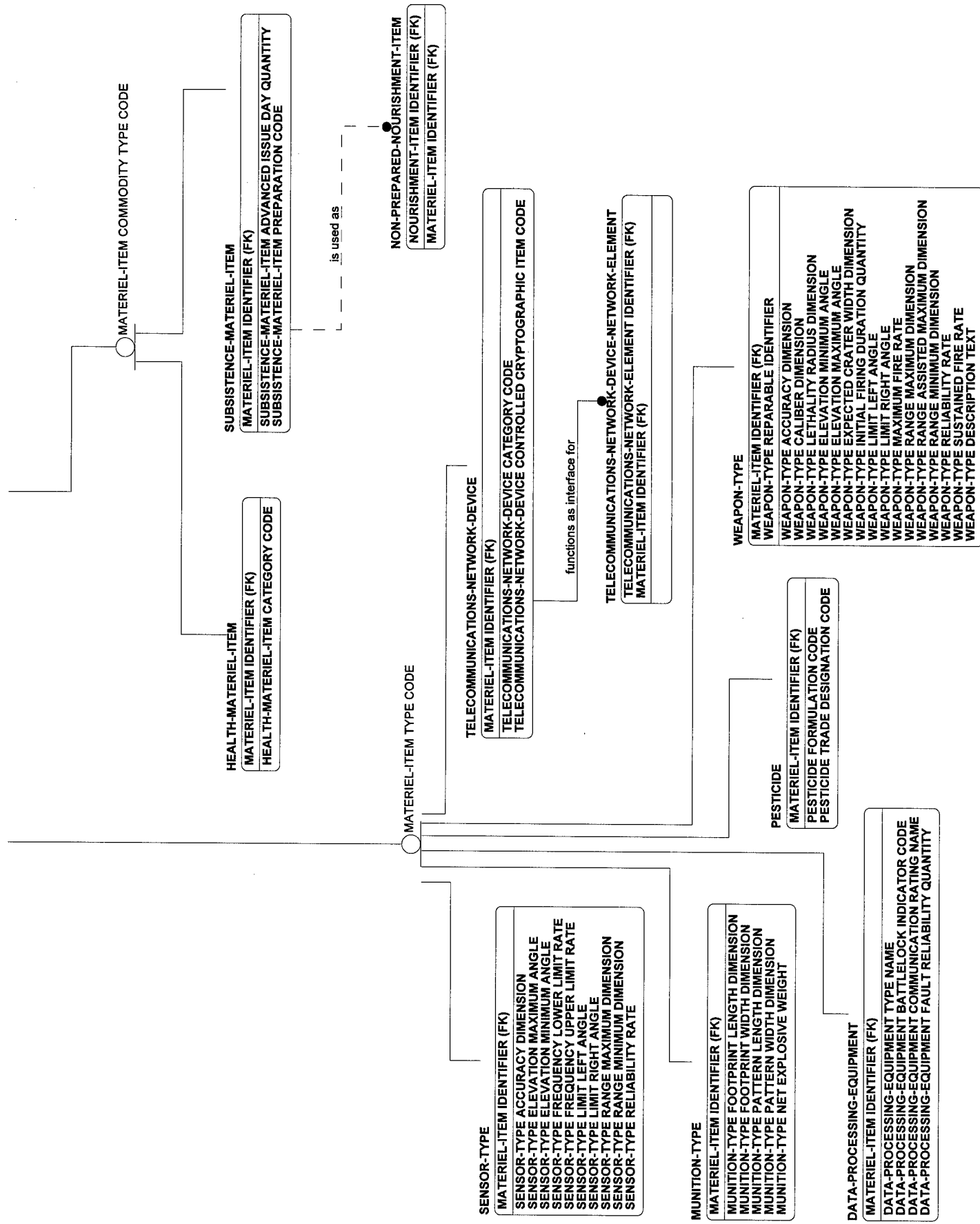
PRODUCTION-MATERIEL-ITEM  
MATERIEL-ITEM IDENTIFIER (FK)

MATERIEL-ITEM CONTROL NUMBER TYPE CODE

SUPPLY-MATERIEL-ITEM  
MATERIEL-ITEM IDENTIFIER (FK)

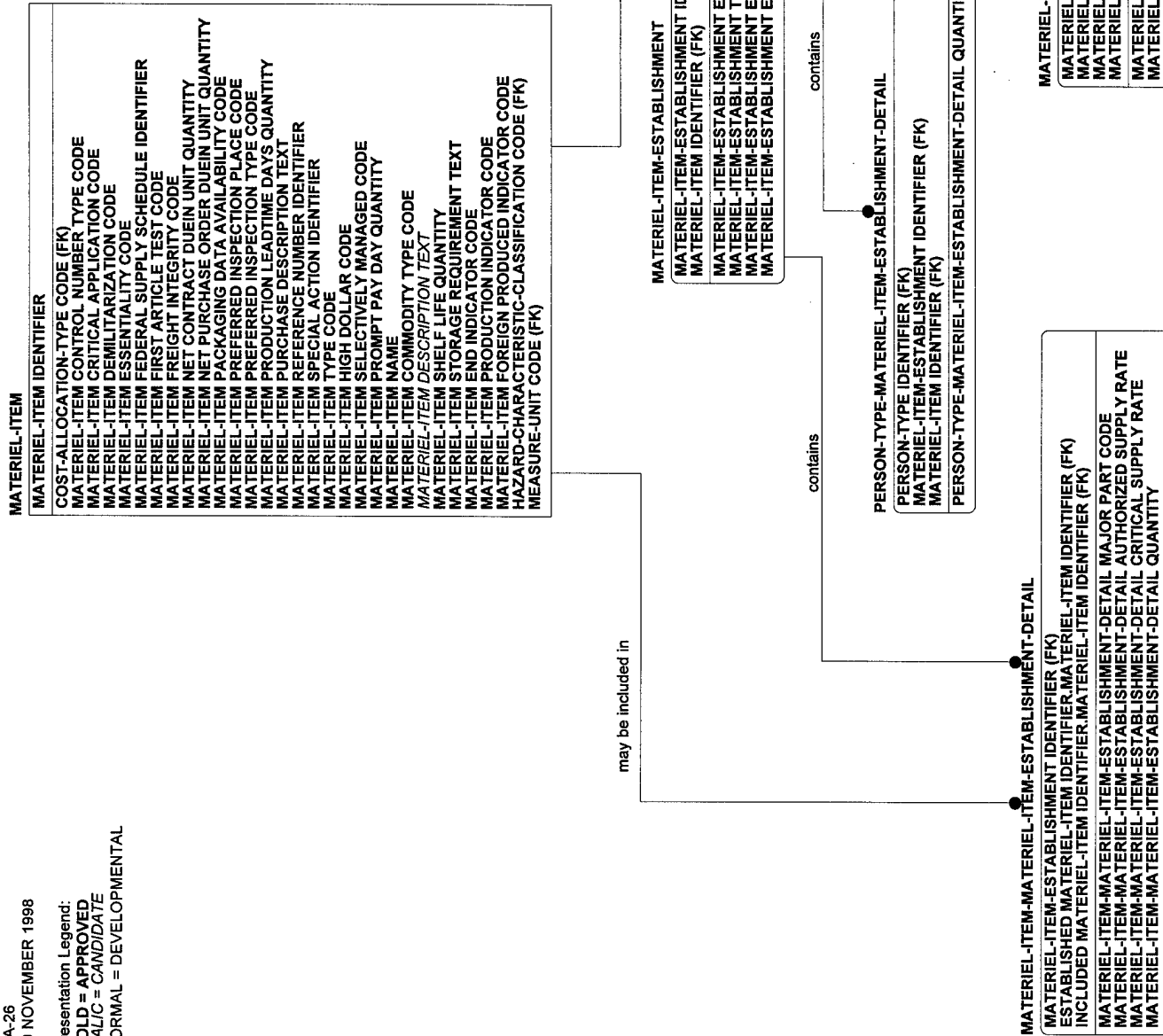
MATERIEL-ITEM END INDICATOR CODE

END-MATERIEL-ITEM  
MATERIEL-ITEM IDENTIFIER (FK)



MA-26

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



MA-27



|                                                             |
|-------------------------------------------------------------|
| MATERIEL-ITEM-MANAGEMENT-CATEGORY                           |
| MATERIEL-ITEM-MANAGEMENT-CATEGORY FEDERAL SUPPLY GROUP CODE |
| MATERIEL-ITEM-MANAGEMENT-CATEGORY CANCELLED ORDINAL DATE    |
| MATERIEL-ITEM-MANAGEMENT-CATEGORY NOTE TEXT                 |
| MATERIEL-ITEM-MANAGEMENT-CATEGORY TITLE TEXT                |

is subdivided into

|                                                                        |
|------------------------------------------------------------------------|
| MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS                          |
| MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS IDENTIFIER               |
| MATERIEL-ITEM-MANAGEMENT-CATEGORY FEDERAL SUPPLY GROUP CODE (FK)       |
| MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS CANCELLED ORDINAL DATE   |
| MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS CURRENT STATUS CODE      |
| MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS ESTABLISHED ORDINAL DATE |
| MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS EXCLUSION TEXT           |
| MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS INCLUSION TEXT           |
| MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS NOTE TEXT                |
| MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS TITLE TEXT               |

is allocated to

|                                                                  |
|------------------------------------------------------------------|
| MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS-GROUP-ASSOCIATION  |
| MATERIEL-ITEM-MANAGEMENT-CATEGORY FEDERAL SUPPLY GROUP CODE (FK) |
| MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS IDENTIFIER (FK)    |
| MATERIEL-MANAGEMENT-GROUP IDENTIFIER (FK)                        |
| ORGANIZATION IDENTIFIER (FK)                                     |

is managed by

|                                                                  |
|------------------------------------------------------------------|
| RETAIL-SUPPLY-MANAGER                                            |
| MATERIEL-ITEM-MANAGEMENT-CATEGORY FEDERAL SUPPLY GROUP CODE (FK) |
| MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS IDENTIFIER (FK)    |
| ORGANIZATION IDENTIFIER (FK)                                     |
| RETAIL-SUPPLY-MANAGER EFFECTIVE CALENDAR DATE                    |

APPROVED-NAME

|                                                  |
|--------------------------------------------------|
| SUPPLY-ITEM-NAME IDENTIFIER (FK)                 |
| BASIC-CONCEPT-NAME IDENTIFIER (FK)               |
| CONCEPT-NAME IDENTIFIER (FK)                     |
| APPROVED-NAME FEDERAL STOCK CLASS CONDITION CODE |

unspecified verb phrase

classifies

MATERIEL-ITEM CONTROL NUMBER TYPE CODE

unspecified verb phrase

|                                                            |
|------------------------------------------------------------|
| MATERIEL-ITEM-PRODUCTION                                   |
| MATERIEL-ITEM IDENTIFIER (FK)                              |
| MATERIEL-ITEM-PRODUCTION IDENTIFIER                        |
| COMMERCIAL-AND-GOVERNMENT-ENTITY IDENTIFIER (FK)           |
| MATERIEL-ITEM-PRODUCTION FORMAT CODE                       |
| MATERIEL-ITEM-PRODUCTION ITEM RELATIONSHIP CODE            |
| MATERIEL-ITEM-PRODUCTION JUSTIFICATION CODE                |
| MATERIEL-ITEM-PRODUCTION PROCUREMENT AUTHORIZATION CODE    |
| MATERIEL-ITEM-PRODUCTION VARIATION CODE                    |
| MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK) |
| MATERIEL-ITEM-PRODUCTION REFERENCE NUMBER IDENTIFIER       |
| MATERIEL-ITEM-PRODUCTION BRAND NAME                        |
| MATERIEL-ITEM-PRODUCTION PATENT HOLDER INDICATOR CODE      |
| HAZARD-CHARACTERISTIC-CLASSIFICATION CODE (FK)             |
| MATERIEL-ITEM-PRODUCTION UNIT NET WEIGHT                   |
| MATERIEL-ITEM-PRODUCTION UNIT NET VOLUME                   |

unspecified verb phrase

P

|                                                       |
|-------------------------------------------------------|
| DOCUMENTATION-AVAILABILITY                            |
| MATERIEL-ITEM IDENTIFIER (FK)                         |
| MATERIEL-ITEM-PRODUCTION IDENTIFIER (FK)              |
| COMMERCIAL-AND-GOVERNMENT-ENTITY IDENTIFIER (FK)      |
| DOCUMENTATION-AVAILABILITY DOCUMENT AVAILABILITY CODE |

serves as

requires

unspecified verb phrase

SUPPLY-ITEM-SUBSTITUTE

|                                                                                     |
|-------------------------------------------------------------------------------------|
| MATERIEL-ITEM IDENTIFIER (FK)                                                       |
| SUPPLY-ITEM-SUBSTITUTE ORDER USE SEQUENCE IDENTIFIER                                |
| requires substitute.MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK)      |
| serves as substitute for.MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK) |
| SUPPLY-ITEM-SUBSTITUTE EFFECTIVE DATE                                               |

Z

|                                                            |
|------------------------------------------------------------|
| MATERIEL-ITEM-CANCELLATION                                 |
| MATERIEL-ITEM IDENTIFIER (FK)                              |
| MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK) |
| MATERIEL-ITEM-CANCELLATION DELETION REASON CODE            |
| MATERIEL-ITEM-CANCELLATION EFFECTIVE ORDINAL DATE          |

\_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_ • \_\_\_\_\_

|                                                                                         |
|-----------------------------------------------------------------------------------------|
| MATERIEL-ITEM-SUPPLY                                                                    |
| MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER                                   |
| MATERIEL-ITEM IDENTIFIER (FK)                                                           |
| WATER-TYPE-CARGO CODE (FK)                                                              |
| MAIL-AIR-SPECIAL-HANDLING CODE (FK)                                                     |
| AIR-SPECIAL-HANDLING CODE (FK)                                                          |
| WATER-SPECIAL-HANDLING CODE (FK)                                                        |
| AIR-COMMODITY CODE (FK)                                                                 |
| WATER-COMMODITY CODE (FK)                                                               |
| MATERIEL-ITEM-SUPPLY AIR SHIPMENT SIZE CODE                                             |
| MATERIEL-ITEM-SUPPLY ASSIGNMENT ORDINAL DATE                                            |
| MATERIEL-ITEM-SUPPLY AUTOMATED DATA PROCESSING EQUIPMENT CODE                           |
| MATERIEL-ITEM-SUPPLY DELETION REASON CODE                                               |
| MATERIEL-ITEM-SUPPLY EFFECTIVE CALENDAR DATE                                            |
| MATERIEL-ITEM-SUPPLY ELECTROSTATIC DISCHARGE ELECTROMAGNETIC INTERFERENCE CODE          |
| MATERIEL-ITEM-SUPPLY FEDERAL ITEM IDENTIFICATION GUIDE CRITICALITY CODE                 |
| MATERIEL-ITEM-SUPPLY FEDERAL SUPPLY CLASS EXCEPTION MANAGEMENT CODE                     |
| MATERIEL-ITEM-SUPPLY HAZARDOUS MATERIAL CODE                                            |
| MATERIEL-ITEM-SUPPLY HAZARDOUS MATERIAL INDICATOR CODE                                  |
| MATERIEL-ITEM-SUPPLY IDENTIFIER                                                         |
| MATERIEL-ITEM-SUPPLY LAST MAJOR ORGANIZATIONAL ENTITY RULE NUMBER WITHHELD ORDINAL DATE |
| MATERIEL-ITEM-SUPPLY LIMITED DISTRIBUTION CODE                                          |
| MATERIEL-ITEM-SUPPLY PRECIOUS METALS INDICATOR CODE                                     |
| MATERIEL-ITEM-SUPPLY PRODUCTION EQUIPMENT IDENTIFIER                                    |
| MATERIEL-ITEM-SUPPLY REFERENCE-OR-PARTIAL DESCRIPTION METHOD REASON CODE                |
| MATERIEL-ITEM-SUPPLY STANDARDIZATION CODE                                               |
| MATERIEL-ITEM-SUPPLY STANDARDIZATION ORDINAL DATE                                       |
| MATERIEL-ITEM-SUPPLY STATUS CODE                                                        |
| MATERIEL-ITEM-SUPPLY SURCHARGE CODE                                                     |
| MATERIEL-ITEM-SUPPLY SURCHARGE FISCAL DECADE IDENTIFIER                                 |
| MATERIEL-ITEM-SUPPLY SURCHARGE FISCAL YEAR IDENTIFIER                                   |
| MATERIEL-ITEM-SUPPLY SURCHARGE UNIT AMOUNT                                              |
| MATERIEL-ITEM-SUPPLY TYPE IDENTIFICATION CODE                                           |
| FEDERAL-ITEM-IDENTIFICATION-GUIDE IDENTIFIER (FK)                                       |
| SUPPLY-ITEM-NAME IDENTIFIER (FK)                                                        |
| MATERIEL-ITEM-MANAGEMENT-CATEGORY FEDERAL SUPPLY GROUP CODE (FK)                        |
| MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS IDENTIFIER (FK)                           |
| MATERIEL-ITEM-SUPPLY ENVIRONMENTAL REGISTRATION CODE                                    |
| MATERIEL-ITEM-SUPPLY NATIONAL CODIFICATION BUREAU CODE                                  |
| MATERIEL-ITEM-SUPPLY NATIONAL ITEM IDENTIFIER                                           |
| MATERIEL-ITEM-SUPPLY SHORT IDENTIFIER                                                   |

is approved by

|                                                            |
|------------------------------------------------------------|
| INSTALLATION-MATERIEL-ITEM-SUPPLY                          |
| INSTALLATION IDENTIFIER (FK)                               |
| MATERIEL-ITEM IDENTIFIER (FK)                              |
| MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK) |

is contained in

contains

is replaced by

replaces

ASSEMBLY-PART

|                                                                         |
|-------------------------------------------------------------------------|
| MATERIEL-ITEM IDENTIFIER (FK)                                           |
| contained in.MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK) |
| contains.MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK)     |
| ASSEMBLY-PART COMPONENT QUANTITY                                        |
| ASSEMBLY-PART EFFECTIVE ORDINAL DATE                                    |
| ASSEMBLY-PART PHRASE CODE                                               |

SUPPLY-ITEM-REPLACEMENT

|                                                                        |
|------------------------------------------------------------------------|
| MATERIEL-ITEM IDENTIFIER (FK)                                          |
| SUPPLY-ITEM-REPLACEMENT EFFECTIVE DATE                                 |
| SUPPLY-ITEM-REPLACEMENT PHRASE CODE                                    |
| SUPPLY-ITEM-REPLACEMENT REASON TYPE CODE                               |
| replaced by.MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK) |
| replaces.MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK)    |

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Presentation Legend:  
**BOLD = APPROVED**  
*ITALIC = CANDIDATE*  
NORMAL = DEVELOPMENTAL

| MATERIEL-SERIALIZED-ASSET                            |  |
|------------------------------------------------------|--|
| MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE   |  |
| MATERIEL-SERIALIZED-ASSET IDENTIFIER                 |  |
| MATERIEL-ITEM IDENTIFIER (FK)                        |  |
| ORGANIZATION IDENTIFIER (FK)                         |  |
| MATERIEL-SERIALIZED-ASSET LIFE QUANTITY              |  |
| PROPERTY-ASSET-ITEM IDENTIFIER (FK)                  |  |
| MATERIEL-DISTRIBUTION-STATUS CODE (FK)               |  |
| LOGISTICS-PURPOSE CODE (FK)                          |  |
| MATERIEL-PROJECT CODE (FK)                           |  |
| SUPPLY-CONDITION CODE (FK)                           |  |
| MATERIEL-OWNERSHIP CODE (FK)                         |  |
| WORK-CENTER IDENTIFIER (FK)                          |  |
| MATERIEL-SERIALIZED-ASSET PRICE AMOUNT               |  |
| MATERIEL-SERIALIZED-ASSET PRODUCER SERIAL IDENTIFIER |  |
| MATERIEL-SERIALIZED-ASSET QUANTITY                   |  |
| MATERIEL-SERIALIZED-ASSET TYPE CODE                  |  |
| MATERIEL-ITEM-PRODUCTION IDENTIFIER (FK)             |  |
| COMMERCIAL-AND-GOVERNMENT-ENTITY IDENTIFIER (FK)     |  |
| MATERIEL-ITEM-PRODUCTION-LOT IDENTIFIER (FK)         |  |

| MATERIEL-FAILURE                  |  |
|-----------------------------------|--|
| MATERIEL-FAILURE CODE             |  |
| MATERIEL-FAILURE DESCRIPTION TEXT |  |
| MATERIEL-FAILURE NAME             |  |

seeks action by

experiences

is repaired by

**MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET**

|                                                                               |
|-------------------------------------------------------------------------------|
| PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)                                  |
| MAINTENANCE-REQUEST CALENDAR DATE (FK)                                        |
| MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)                                  |
| MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)                                     |
| REQUESTER (FK)                                                                |
| MATERIEL-ITEM IDENTIFIER (FK)                                                 |
| ORGANIZATION IDENTIFIER (FK)                                                  |
| MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)                       |
| MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET REQUIRED DELIVERY CALENDAR DATE |

exhibits

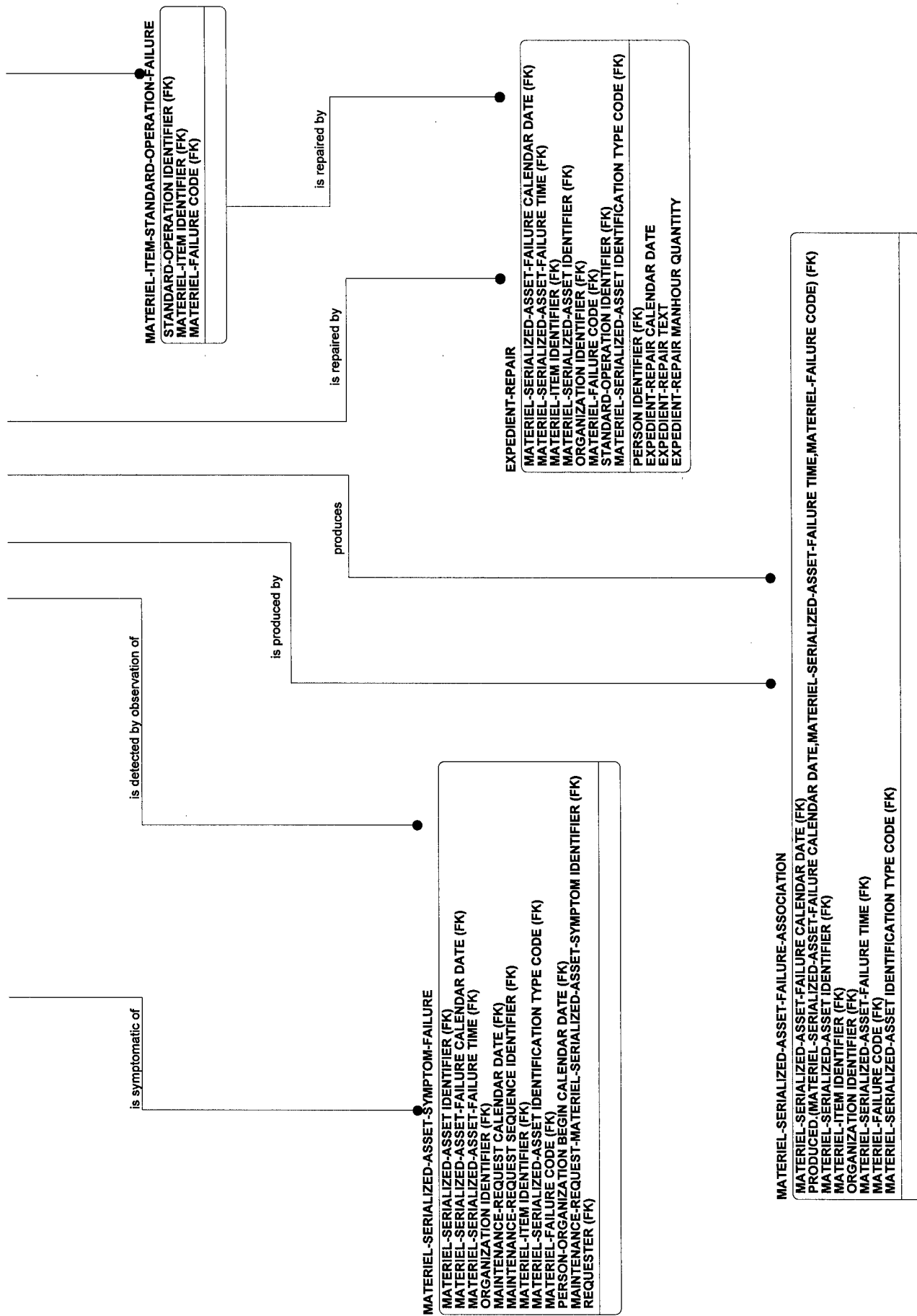
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**MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM**

|                                                                            |
|----------------------------------------------------------------------------|
| MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM REQUESTER (FK)       |
| MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM IDENTIFIER           |
| REQUESTER (FK)                                                             |
| MAINTENANCE-REQUEST CALENDAR DATE (FK)                                     |
| MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)                               |
| MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)                    |
| MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)                                  |
| MATERIEL-ITEM IDENTIFIER (FK)                                              |
| PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)                               |
| MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM ACCEPT CALENDAR DATE |
| MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM ACCEPT TIME          |
| MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM TEXT                 |

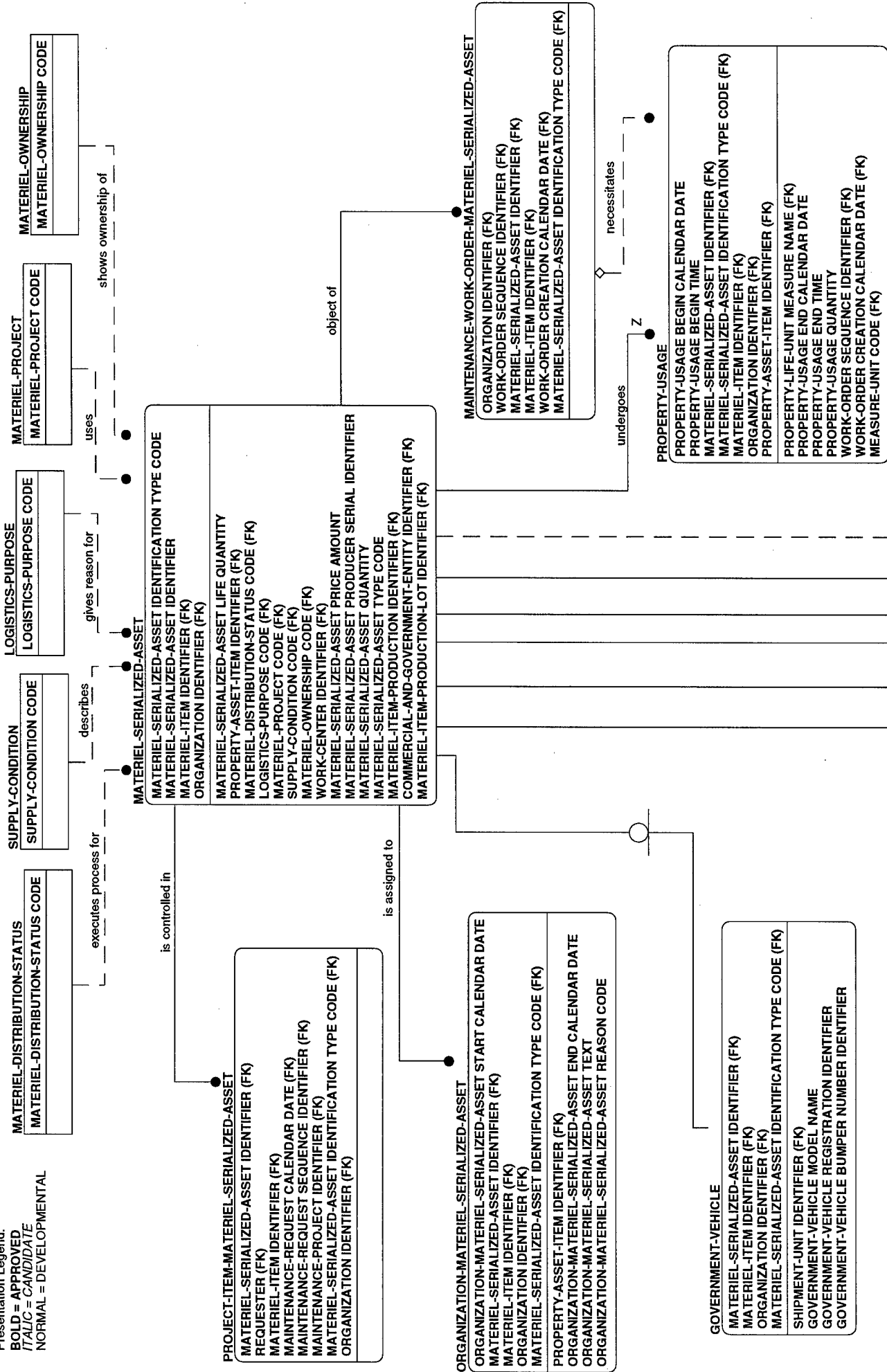
**MATERIEL-SERIALIZED-ASSET-FAILURE**

|                                                                |
|----------------------------------------------------------------|
| MATERIEL-SERIALIZED-ASSET-FAILURE CALENDAR DATE                |
| MATERIEL-SERIALIZED-ASSET-FAILURE TIME                         |
| MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)                      |
| MATERIEL-ITEM IDENTIFIER (FK)                                  |
| MATERIEL-FAILURE CODE (FK)                                     |
| MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)        |
| ORGANIZATION IDENTIFIER (FK)                                   |
| MATERIEL-SERIALIZED-ASSET-FAILURE DURING MISSION CODE          |
| MATERIEL-SERIALIZED-ASSET-FAILURE FIRST TROUBLE INDICATOR CODE |
| MATERIEL-SERIALIZED-ASSET-FAILURE FLOAT INDICATOR CODE         |
| MATERIEL-SERIALIZED-ASSET-FAILURE DETECTED FAILURE CODE        |
| MATERIEL-SERIALIZED-ASSET-FAILURE CLOSURE CALENDAR DATE        |



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Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL





MA-30

# DOD DATA MODEL

MA-30

30 NOVEMBER 1998

Presentation Legend:

BOLD = APPROVED

ITALIC = CANDIDATE

NORMAL = DEVELOPMENTAL

## LOGISTICS-EVENT

### LOGISTICS-EVENT DOCUMENT IDENTIFIER

LOGISTICS-EVENT DISTRIBUTION IDENTIFIER  
LOGISTICS-EVENT MULTIPLIER FACTOR CODE  
LOGISTICS-EVENT OWNERSHIP CODE  
LOGISTICS-EVENT PROJECT IDENTIFIER  
LOGISTICS-EVENT PURPOSE IDENTIFIER  
LOGISTICS-EVENT SIGNAL CODE  
LOGISTICS-EVENT SOURCE METHOD CODE  
LOGISTICS-EVENT IDENTIFIER (FK)  
LOGISTICS-PRIORITY CODE (FK)

unspecified verb phrase

## LOGISTICS-REASSIGNMENT

LOGISTICS-REASSIGNMENT SEQUENCE IDENTIFIER  
LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)

LOGISTICS-REASSIGNMENT EFFECTIVE DAY IDENTIFIER  
LOGISTICS-REASSIGNMENT GAINING OWNERSHIP CODE  
LOGISTICS-REASSIGNMENT GAINING PURPOSE IDENTIFIER  
LOGISTICS-REASSIGNMENT LOSING OWNERSHIP CODE  
LOGISTICS-REASSIGNMENT LOSING PURPOSE IDENTIFIER  
LOGISTICS-REASSIGNMENT MANAGEMENT CODE  
LOGISTICS-REASSIGNMENT REJECT CODE  
LOGISTICS-REASSIGNMENT RETENTION UNIT QUANTITY  
LOGISTICS-REASSIGNMENT SUPPLY CONDITION CODE  
LOGISTICS-REASSIGNMENT TRANSACTION DAY IDENTIFIER  
LOGISTICS-REASSIGNMENT TRANSFER UNIT QUANTITY

unspecified verb phrase

Z

## MATERIEL-DUE-IN

LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)

MATERIEL-DUE-IN ESTIMATED MONTH IDENTIFIER  
MATERIEL-DUE-IN ESTIMATED YEAR IDENTIFIER  
MATERIEL-DUE-IN MANAGEMENT CODE  
MATERIEL-DUE-IN PACK EXPIRE MONTH CODE  
MATERIEL-DUE-IN PACK EXPIRE WEEK CODE  
MATERIEL-DUE-IN PACK EXPIRE YEAR IDENTIFIER  
MATERIEL-DUE-IN REJECT CODE  
MATERIEL-DUE-IN SUPPLY CONDITION CODE  
MATERIEL-DUE-IN UNIT QUANTITY  
MATERIEL-DUE-IN USE CODE  
MATERIEL-DUE-IN STATUS CODE  
REPRODUCTION-REQUEST IDENTIFIER (FK)

unspecified verb phrase

## SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE

SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE SEQUENCE IDENTIFIER  
LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)

SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE DAY IDENTIFIER  
SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE DECADE IDENTIFIER  
SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE MANAGEMENT CODE  
SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE REJECT CODE  
SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE SUPPLY CONDITION CODE  
SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE TYPE CODE  
SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE YEAR IDENTIFIER  
SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE REALLOCATED UNIT QUANTITY

results in

unspecified verb phrase

## GAIN-LOSS

GAIN-LOSS SEQUENCE IDENTIFIER  
LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)

GAIN-LOSS ERROR TYPE CODE  
GAIN-LOSS LOCAL ERROR CLASSIFICATION IDENTIFIER  
GAIN-LOSS MANAGEMENT CODE  
GAIN-LOSS OPERATION CODE  
GAIN-LOSS PACK EXPIRE MONTH CODE  
GAIN-LOSS PACK EXPIRE WEEK CODE  
GAIN-LOSS PACK EXPIRE YEAR IDENTIFIER  
GAIN-LOSS REALLOCATED UNIT QUANTITY  
GAIN-LOSS REASON CODE  
GAIN-LOSS REJECT CODE  
GAIN-LOSS SUPPLY CONDITION CODE  
GAIN-LOSS TRANSACTION DAY IDENTIFIER

unspecified verb phrase

## MATERIEL-PURPOSE-TRANSFER

MATERIEL-PURPOSE-TRANSFER SEQUENCE IDENTIFIER  
LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)

MATERIEL-PURPOSE-TRANSFER DAY IDENTIFIER  
MATERIEL-PURPOSE-TRANSFER MANAGEMENT CODE  
MATERIEL-PURPOSE-TRANSFER NEW PURPOSE IDENTIFIER  
MATERIEL-PURPOSE-TRANSFER OLD PURPOSE IDENTIFIER  
MATERIEL-PURPOSE-TRANSFER PACK EXPIRE MONTH CODE  
MATERIEL-PURPOSE-TRANSFER PACK EXPIRE WEEK CODE  
MATERIEL-PURPOSE-TRANSFER PACK EXPIRE YEAR IDENTIFIER  
MATERIEL-PURPOSE-TRANSFER REALLOCATED UNIT QUANTITY  
MATERIEL-PURPOSE-TRANSFER REJECT CODE

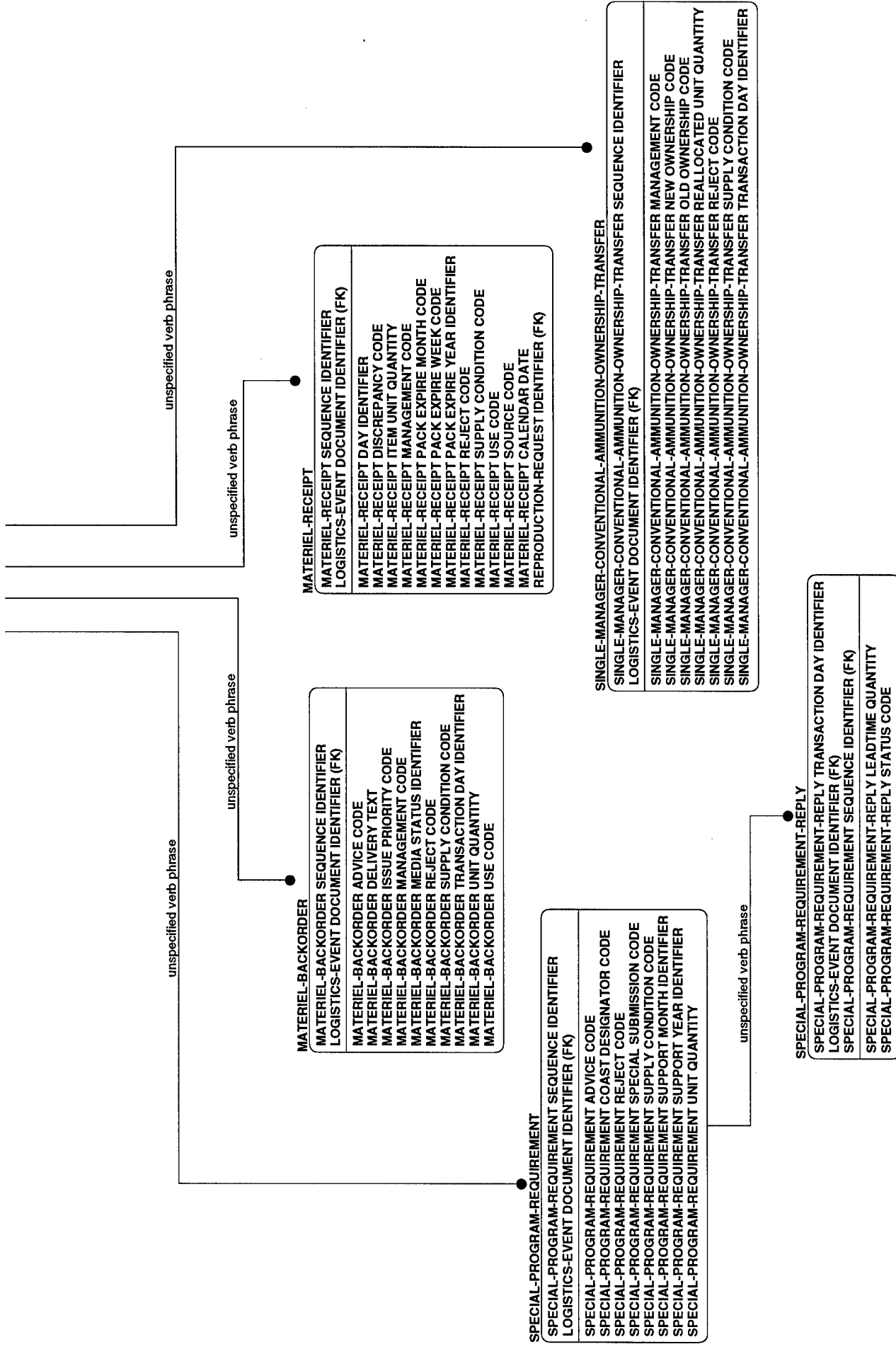
unspecified verb phrase

## MATERIEL-CONDITION-TRANSFER

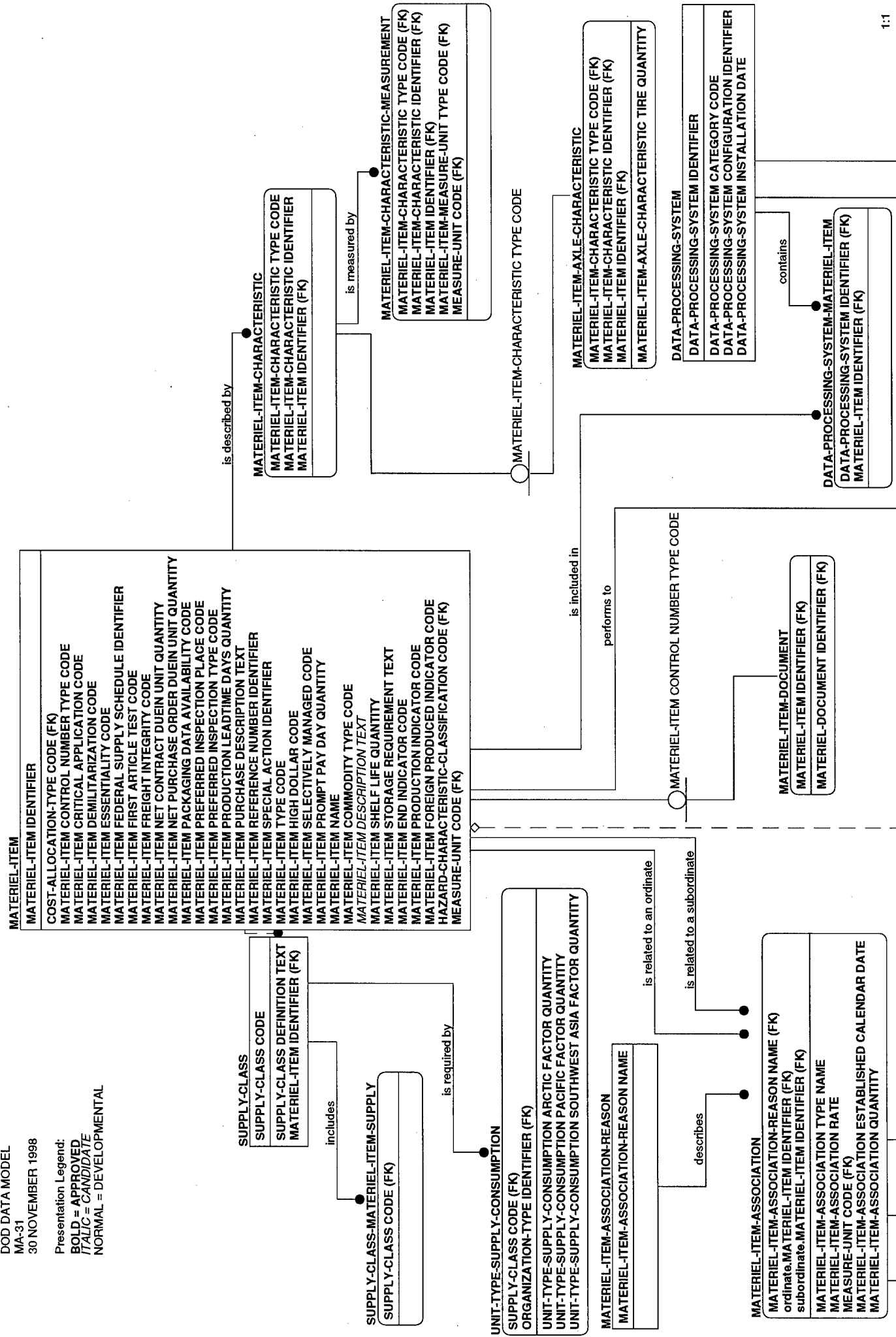
MATERIEL-CONDITION-TRANSFER SEQUENCE IDENTIFIER  
LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)

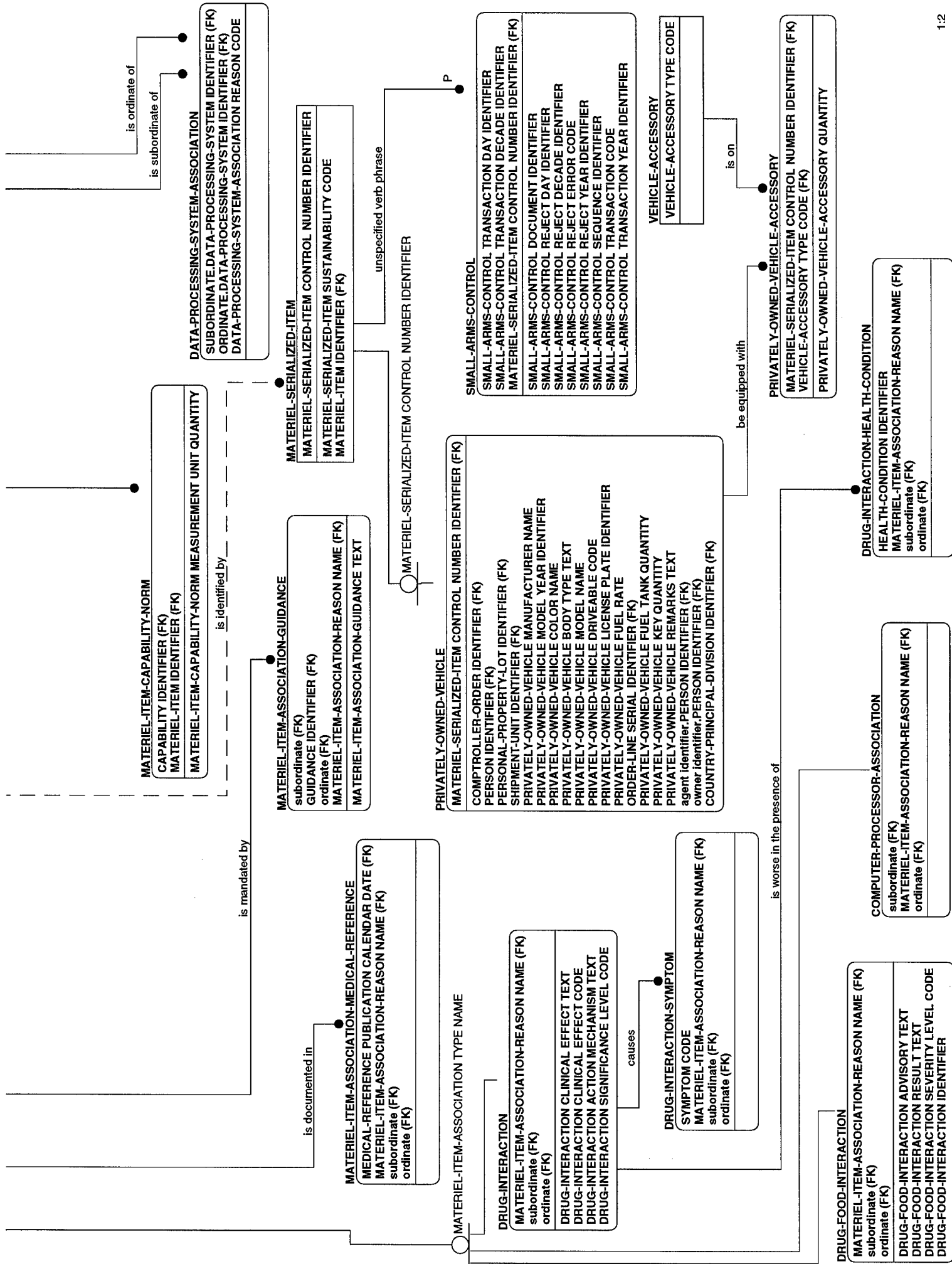
MATERIEL-CONDITION-TRANSFER DAY IDENTIFIER  
MATERIEL-CONDITION-TRANSFER MANAGEMENT CODE  
MATERIEL-CONDITION-TRANSFER NEW SUPPLY CONDITION CODE  
MATERIEL-CONDITION-TRANSFER OLD SUPPLY CONDITION CODE  
MATERIEL-CONDITION-TRANSFER PACK EXPIRE MONTH CODE  
MATERIEL-CONDITION-TRANSFER PACK EXPIRE WEEK CODE  
MATERIEL-CONDITION-TRANSFER PACK EXPIRE YEAR IDENTIFIER  
MATERIEL-CONDITION-TRANSFER REALLOCATED UNIT QUANTITY  
MATERIEL-CONDITION-TRANSFER REJECT CODE



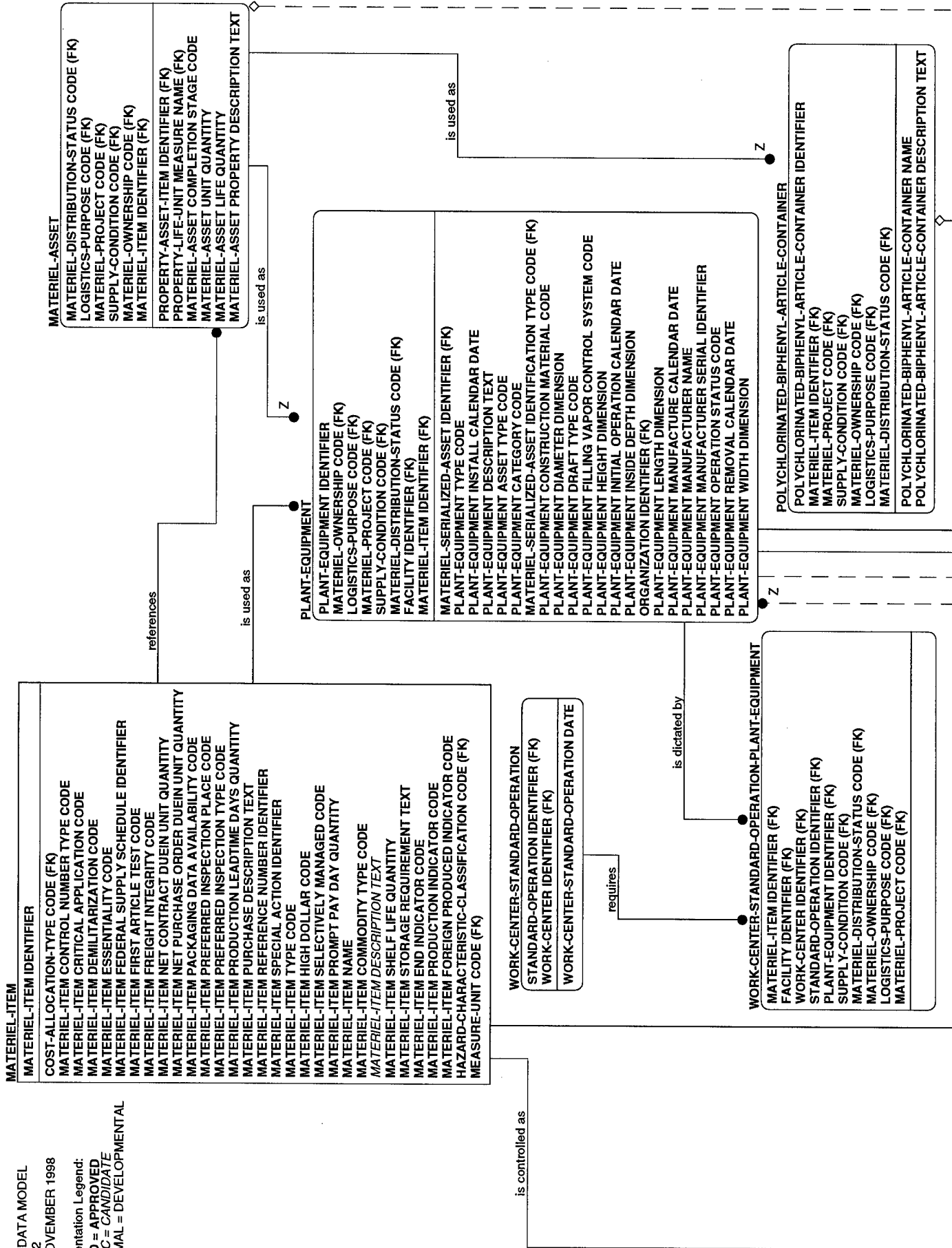


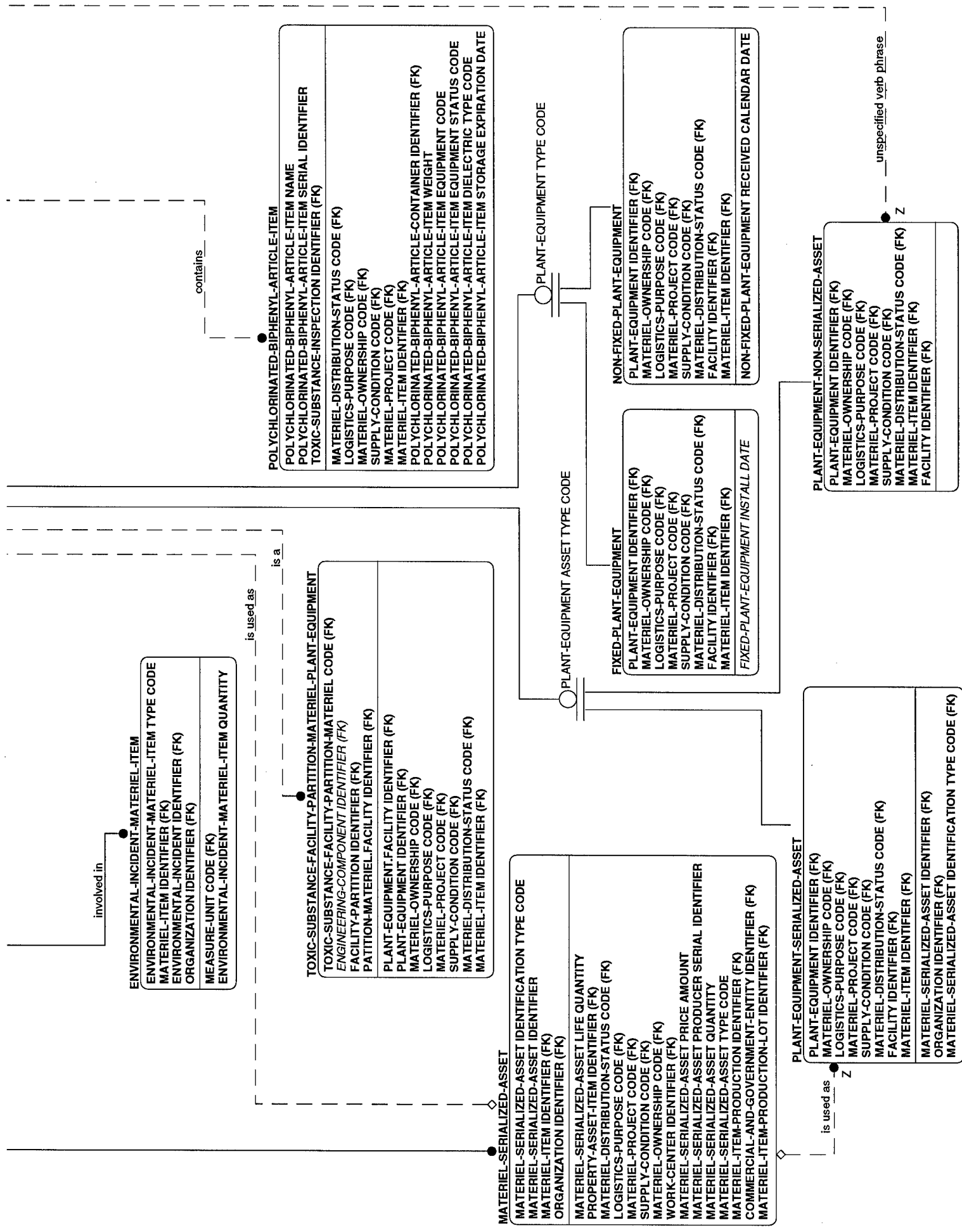
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MA-33

DOD DATA MODEL  
MA-33  
30 NOVEMBER 1998

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

PROJECT-ITEM

|                                              |
|----------------------------------------------|
| REQUESTER (FK)                               |
| MAINTENANCE-REQUEST CALENDAR DATE (FK)       |
| MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK) |
| MAINTENANCE-PROJECT IDENTIFIER (FK)          |
| MATERIEL-ITEM IDENTIFIER (FK)                |
| PROJECT-ITEM DESCRIPTION TEXT                |
| PROJECT-ITEM INSPECTION DESCRIPTION TEXT     |
| PROJECT-ITEM FUND STATUS NARRATIVE TEXT      |
| PROJECT-ITEM INSPECTION CRITERIA TEXT        |
| PROJECT-ITEM QUANTITY                        |
| PROJECT-ITEM SERIAL IDENTIFIER               |
| PROJECT-ITEM START CALENDAR DATE             |
| PROJECT-ITEM INCOMPLETE QUANTITY             |

is project item child

is project item parent

PROJECT-ITEM-STRUCTURE-ASSOCIATION

|                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------|
| ORDINATE.(MAINTENANCE-REQUEST SEQUENCE IDENTIFIER,MAINTENANCE-PROJECT IDENTIFIER,MAINTENANCE-REQUEST CALENDAR DATE) (FK)    |
| SUBORDINATE.(MAINTENANCE-REQUEST SEQUENCE IDENTIFIER,MAINTENANCE-PROJECT IDENTIFIER,MAINTENANCE-REQUEST CALENDAR DATE) (FK) |
| REQUESTER (FK)                                                                                                              |
| MATERIEL-ITEM IDENTIFIER (FK)                                                                                               |

is worked by

WORK-CENTER-PROJECT-ITEM

|                                              |
|----------------------------------------------|
| REQUESTER (FK)                               |
| MAINTENANCE-REQUEST CALENDAR DATE (FK)       |
| MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK) |
| MATERIEL-ITEM IDENTIFIER (FK)                |
| WORK-CENTER IDENTIFIER (FK)                  |
| MAINTENANCE-PROJECT IDENTIFIER (FK)          |

is segmented into

PROJECT-ITEM-ZONE

|                                                                                                               |
|---------------------------------------------------------------------------------------------------------------|
| WORK.(MAINTENANCE-REQUEST SEQUENCE IDENTIFIER,MAINTENANCE-REQUEST CALENDAR DATE,ORGANIZATION IDENTIFIER) (FK) |
| MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)                                                                     |
| REQUESTER (FK)                                                                                                |
| PROJECT.(MAINTENANCE-REQUEST SEQUENCE IDENTIFIER,MAINTENANCE-REQUEST CALENDAR DATE) (FK)                      |
| MATERIEL-ITEM IDENTIFIER (FK)                                                                                 |
| MAINTENANCE-PROJECT IDENTIFIER (FK)                                                                           |
| WORK-ZONE IDENTIFIER (FK)                                                                                     |
| MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)                                                       |

controls maintenance for

PROJECT-ITEM-MATERIEL-SERIALIZED-ASSET

|                                                         |
|---------------------------------------------------------|
| MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)               |
| REQUESTER (FK)                                          |
| MATERIEL-ITEM IDENTIFIER (FK)                           |
| MAINTENANCE-REQUEST CALENDAR DATE (FK)                  |
| MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)            |
| MAINTENANCE-PROJECT IDENTIFIER (FK)                     |
| MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK) |
| ORGANIZATION IDENTIFIER (FK)                            |

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DOD DATA MODEL  
MA-34  
30 NOVEMBER 1998

Presentation Legend:  
BOLD = APPROVED  
ITALIC = CANDIDATE  
NORMAL = DEVELOPMENTAL

MATERIEL-DOCUMENT-TRIMSIZEREQUIREMENT  
MATERIEL-DOCUMENT-TRIMSIZEREQUIREMENT CODE

specifies

is the specification for

|                                                                                                         |
|---------------------------------------------------------------------------------------------------------|
| MATERIEL-DOCUMENT-STOCK-ITEM<br>MATERIEL-DOCUMENT-STOCK-ITEM IDENTIFIER<br>ORGANIZATION IDENTIFIER (FK) |
| MATERIEL-DOCUMENT-MEDIA-TYPE CODE (FK)                                                                  |
| MEASURE-UNIT CODE (FK)                                                                                  |
| MATERIEL-DOCUMENT-STOCK-ITEM DISTRIBUTION RESTRICTION CODE                                              |
| MATERIEL-DOCUMENT-STOCK-ITEM RESERVE OTHER QUANTITY                                                     |
| MATERIEL-DOCUMENT-STOCK-ITEM REORDER POINT METHOD CODE                                                  |
| MATERIEL-DOCUMENT-STOCK-ITEM REORDER POINT RATE                                                         |
| MATERIEL-DOCUMENT-STOCK-ITEM RESERVE WAR QUANTITY                                                       |
| MATERIEL-DOCUMENT-STOCK-ITEM RESERVE TOTAL PACKAGE FIELDING QUANTITY                                    |
| MATERIEL-DOCUMENT-STOCK-ITEM RESERVE STOCK QUANTITY                                                     |
| MATERIEL-DOCUMENT-STOCK-ITEM RESERVE SCHOOL QUANTITY                                                    |
| MATERIEL-DOCUMENT-STOCK-ITEM CASH AMOUNT                                                                |
| MATERIEL-DOCUMENT-STOCK-ITEM DORMANT STOCK CODE                                                         |
| MATERIEL-DOCUMENT-STOCK-ITEM PAGE QUANTITY                                                              |
| MATERIEL-DOCUMENT-STOCK-ITEM ACQUISITION LEAD-TIME QUANTITY                                             |
| MATERIEL-DOCUMENT-STOCK-ITEM RESERVE OTHER REASON TEXT                                                  |
| MATERIEL-DOCUMENT-STOCK-ITEM SPONSOR APPROVAL REQUIREMENT CODE                                          |
| MATERIEL-DOCUMENT-STOCK-ITEM UNIT AMOUNT                                                                |
| MATERIEL-DOCUMENT-STOCK-ITEM REORDER POINT QUANTITY                                                     |
| MATERIEL-DOCUMENT-STOCK-ITEM ECONOMIC ORDER QUANTITY                                                    |
| MATERIEL-DOCUMENT-STOCK-ITEM MAXIMUM SHIPMENT QUANTITY                                                  |
| MATERIEL-DOCUMENT-STOCK-ITEM FOREIGN MILITARY SALES UNIT AMOUNT                                         |
| MATERIEL-DOCUMENT-STOCK-ITEM TRIMSIZEREQUIREMENT CODE (FK)                                              |

is the subject of

is reordered by

|                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------|
| MATERIEL-DOCUMENT-STOCK-ITEM-REORDER-NOTICE<br>MATERIEL-DOCUMENT-STOCK-ITEM-REORDER-NOTICE IDENTIFIER<br>ORGANIZATION IDENTIFIER (FK) |
| MATERIEL-DOCUMENT-STOCK-ITEM IDENTIFIER (FK)                                                                                          |
| MATERIEL-DOCUMENT-STOCK-ITEM-REORDER-NOTICE STATUS CODE                                                                               |
| MATERIEL-DOCUMENT-STOCK-ITEM-REORDER-NOTICE CALENDAR DATE                                                                             |
| MATERIEL-DOCUMENT-STOCK-ITEM-REORDER-NOTICE FOLLOW UP CALENDAR DATE                                                                   |
| MATERIEL-DOCUMENT-STOCK-ITEM-REORDER-NOTICE SUGGESTED QUANTITY                                                                        |
| MATERIEL-DOCUMENT-STOCK-ITEM-REORDER-NOTICE STATUS CHANGE CALENDAR DATE                                                               |

REPRODUCTION-REQUEST  
REPRODUCTION-REQUEST IDENTIFIER

|                                                                              |
|------------------------------------------------------------------------------|
| MATERIEL-DOCUMENT-MEDIA-TYPE CODE (FK)                                       |
| ORGANIZATION IDENTIFIER (FK)                                                 |
| COMMERCIAL-AND-GOVERNMENT-ENTITY IDENTIFIER (FK)                             |
| ESTIMATE APPROVER PERSON IDENTIFIER (FK)                                     |
| REQUESTOR PERSON IDENTIFIER (FK)                                             |
| ORIGINALS RECIPIENT PERSON IDENTIFIER (FK)                                   |
| SUBMITTER PERSON IDENTIFIER (FK)                                             |
| NEGATIVES RECIPIENT PERSON IDENTIFIER (FK)                                   |
| FACILITY IDENTIFIER (FK)                                                     |
| MATERIEL-DOCUMENT-STOCK-ITEM IDENTIFIER (FK)                                 |
| REPRODUCTION-REQUEST CONTRACTOR INITIAL DISTRIBUTION QUANTITY                |
| REPRODUCTION-REQUEST ORIGINAL DISPOSITION TYPE CODE                          |
| REPRODUCTION-REQUEST NEGATIVE DISPOSITION TYPE CODE                          |
| REPRODUCTION-REQUEST STATUS CODE                                             |
| REPRODUCTION-REQUEST PROCUREMENT TYPE CODE                                   |
| REPRODUCTION-REQUEST LABEL HANDLING CODE                                     |
| REPRODUCTION-REQUEST ORDERED QUANTITY                                        |
| REPRODUCTION-REQUEST AMENDMENT IDENTIFIER                                    |
| REPRODUCTION-REQUEST ACTUAL COMPLETION CALENDAR DATE                         |
| REPRODUCTION-REQUEST QUOTED AMOUNT                                           |
| REPRODUCTION-REQUEST LEAD QUOTED AMOUNT                                      |
| REPRODUCTION-REQUEST JOINT QUOTED AMOUNT                                     |
| REPRODUCTION-REQUEST ESTIMATED COMPLETION CALENDAR DATE                      |
| REPRODUCTION-REQUEST ESTIMATED SHIPMENT CALENDAR DATE                        |
| REPRODUCTION-REQUEST PRINT CONTRACTOR NAME                                   |
| REPRODUCTION-REQUEST NON FOREIGN MILITARY SALE INITIAL DISTRIBUTION QUANTITY |
| REPRODUCTION-REQUEST NEGATIVE EXPIRATION CALENDAR DATE                       |
| REPRODUCTION-REQUEST MEDIA CONVERSION CODE                                   |
| REPRODUCTION-REQUEST GROUPING UNIT QUANTITY                                  |
| REPRODUCTION-REQUEST GROUPING TYPE CODE                                      |
| REPRODUCTION-REQUEST PACKING RATE                                            |
| REPRODUCTION-REQUEST PRINTER SUBMISSION CALENDAR DATE                        |
| REPRODUCTION-REQUEST STAGGER DELIVERY CODE                                   |
| REPRODUCTION-REQUEST SHIPMENT LABEL GENERATED CALENDAR DATE                  |
| REPRODUCTION-REQUEST REQUIRED COMPLETION CALENDAR DATE                       |
| REPRODUCTION-REQUEST CALENDAR DATE                                           |
| REPRODUCTION-REQUEST QUOTED TOTAL AMOUNT                                     |
| REPRODUCTION-REQUEST REPRODUCTION MASTER QUANTITY                            |
| REPRODUCTION-REQUEST FOREIGN MILITARY SALE INITIAL DISTRIBUTION QUANTITY     |
| REPRODUCTION-REQUEST COST ESTIMATE CONFIRM CODE                              |
| REPRODUCTION-REQUEST SPECIAL INSTRUCTION TEXT                                |
| REPRODUCTION-REQUEST ASSEMBLY COMMENT TEXT                                   |
| REPRODUCTION-REQUEST COMMENT TEXT                                            |
| REPRODUCTION-REQUEST DELIVERY INSTRUCTION TEXT                               |

is the basis for

is reviewed by

|                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| REPRODUCTION-REQUEST-ADDITIONAL-REQUIREMENT<br>REPRODUCTION-REQUEST-ADDITIONAL-REQUIREMENT SEQUENCE IDENTIFIER<br>REPRODUCTION-REQUEST IDENTIFIER (FK) |
| ORGANIZATION IDENTIFIER (FK)                                                                                                                           |
| REPRODUCTION-REQUEST-ADDITIONAL-REQUIREMENT QUANTITY                                                                                                   |
| REPRODUCTION-REQUEST-ADDITIONAL-REQUIREMENT REQUIRED DELIVERY CALENDAR DATE                                                                            |
| REPRODUCTION-REQUEST-ADDITIONAL-REQUIREMENT COMMENT TEXT                                                                                               |

|                                                                     |
|---------------------------------------------------------------------|
| REPRODUCTION-REQUEST-REVIEW<br>REPRODUCTION-REQUEST IDENTIFIER (FK) |
| PERSON IDENTIFIER (FK)                                              |
| REPRODUCTION-REQUEST-REVIEW DISPOSITION CALENDAR DATE               |
| REPRODUCTION-REQUEST-REVIEW DISPOSITION IDENTIFIER                  |

# MATERIEL-DOCUMENT-TRIMS-DRILL-REQUIREMENT

MATERIEL-DOCUMENT-TRIMS-DRILL-REQUIREMENT CODE (FK)  
MATERIEL-DOCUMENT-TRIMS-DRILL-REQUIREMENT INSTRUCTION TEXT

is the specification for

contains

## MATERIEL-RECEIPT

LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)  
MATERIEL-RECEIPT DAY IDENTIFIER  
MATERIEL-RECEIPT DISCREPANCY CODE  
MATERIEL-RECEIPT ITEM UNIT QUANTITY  
MATERIEL-RECEIPT MANAGEMENT CODE  
MATERIEL-RECEIPT PACK EXPIRE MONTH CODE  
MATERIEL-RECEIPT PACK EXPIRE WEEK CODE  
MATERIEL-RECEIPT PACK EXPIRE YEAR IDENTIFIER  
MATERIEL-RECEIPT REJECT CODE  
MATERIEL-RECEIPT SUPPLY CONDITION CODE  
MATERIEL-RECEIPT USE CODE  
MATERIEL-RECEIPT SOURCE CODE  
MATERIEL-RECEIPT CALENDAR DATE  
REPRODUCTION-REQUEST IDENTIFIER (FK)

## REPRODUCTION-REQUEST MEDIA CONVERSION CODE

PAPER-STOCK-TYPE  
PAPER-STOCK-TYPE CODE

is page for  
is cover for

## PAPER-STOCK-SPECIFICATION

REPRODUCTION-REQUEST IDENTIFIER (FK)  
MATERIEL-DOCUMENT-TRIMS-DRILL-REQUIREMENT CODE (FK)  
MATERIEL-DOCUMENT-TRIMS-REQUIREMENT CODE (FK)  
PAGE-PAPER-STOCK-TYPE CODE (FK)  
PAPER-STOCK-SPECIFICATION REPRODUCTION PRINT TYPE CODE  
PAPER-STOCK-SPECIFICATION REPRODUCTION BIND TYPE CODE  
PAPER-STOCK-SPECIFICATION REPRODUCTION TRIM TYPE CODE  
COVER-PAPER-STOCK-TYPE CODE (FK)

## DIGITAL-STOCK-SPECIFICATION

### REPRODUCTION-REQUEST IDENTIFIER (FK)

INPUT.MATERIEL-DOCUMENT-MEDIA-TYPE CODE (FK)  
OUTPUT.MATERIEL-DOCUMENT-MEDIA-TYPE CODE (FK)  
DIGITAL-STOCK-SPECIFICATION PACKAGE CODE  
DIGITAL-STOCK-SPECIFICATION PRODUCT LABEL FILE NAME  
DIGITAL-STOCK-SPECIFICATION PRODUCT FILE NAME  
DIGITAL-STOCK-SPECIFICATION FURNISHED MATERIAL FILE NAME  
DIGITAL-STOCK-SPECIFICATION PRODUCT DETAIL TEXT  
DIGITAL-STOCK-SPECIFICATION FURNISHED MATERIAL TEXT  
DIGITAL-STOCK-SPECIFICATION INSERT ART INFORMATION TEXT  
DIGITAL-STOCK-SPECIFICATION DISK ART INFORMATION TEXT  
DIGITAL-STOCK-SPECIFICATION PACKAGING INFORMATION TEXT

is the basis for

## REPRODUCTION-ASSEMBLY-ENTRY

REPRODUCTION-ASSEMBLY-ENTRY TRUE FOLIO PAGE IDENTIFIER  
REPRODUCTION-ASSEMBLY-ENTRY TRUE FOLIO SIDE CODE  
REPRODUCTION-ASSEMBLY-ENTRY SYMBOL CODE  
REPRODUCTION-REQUEST IDENTIFIER (FK)  
ENGINEERING-DRAWING IDENTIFIER (FK)  
REPRODUCTION-ASSEMBLY-ENTRY GRAPHIC IDENTIFIER  
REPRODUCTION-ASSEMBLY-ENTRY FOLDOUT PAGE QUANTITY  
REPRODUCTION-ASSEMBLY-ENTRY HALF TONE QUANTITY  
REPRODUCTION-ASSEMBLY-ENTRY PAGE IDENTIFIER  
REPRODUCTION-ASSEMBLY-ENTRY NEGATIVE ART IDENTIFIER  
REPRODUCTION-ASSEMBLY-ENTRY STRIP IN QUANTITY  
REPRODUCTION-ASSEMBLY-ENTRY LINE SPECIFICATION QUANTITY  
REPRODUCTION-ASSEMBLY-ENTRY FOLDOUT TYPE CODE  
REPRODUCTION-ASSEMBLY-ENTRY FOLDOUT BLANK PAGE QUANTITY  
REPRODUCTION-ASSEMBLY-ENTRY INK COLOR QUANTITY  
COMMERCIAL-AND-GOVERNMENT-ENTITY IDENTIFIER (FK)

MA-35

DOD DATA MODEL

MA-35

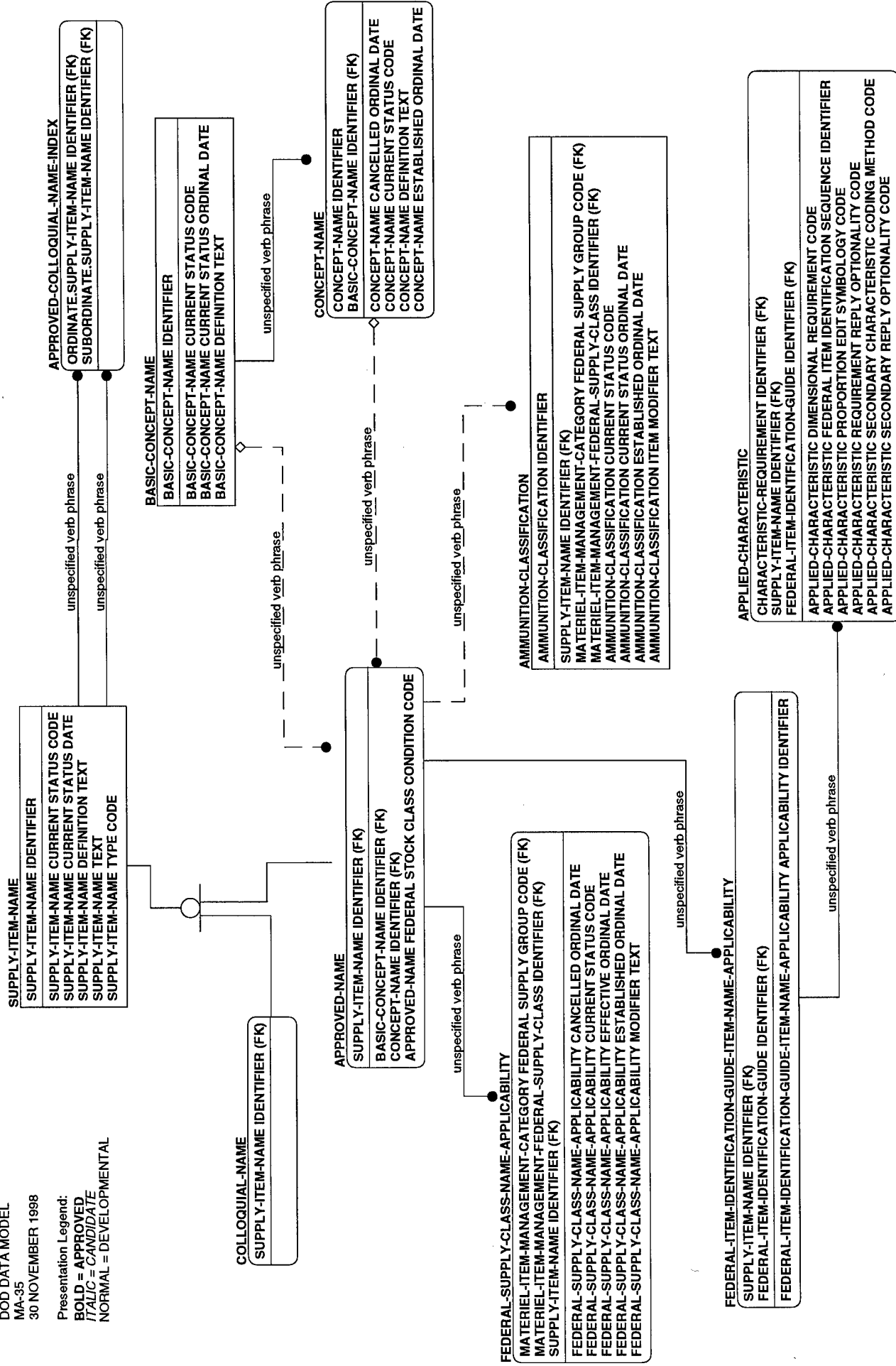
30 NOVEMBER 1998

Presentation Legend:

BOLD = APPROVED

ITALIC = CANDIDATE

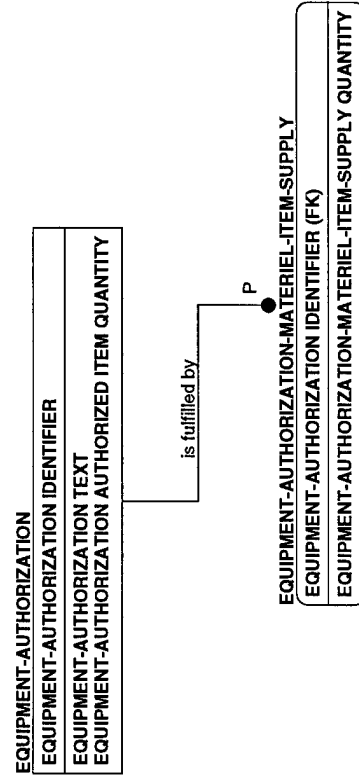
NORMAL = DEVELOPMENTAL



MA-36

DOD DATA MODEL  
MA-36  
30 NOVEMBER 1998

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



MA-37

DOD DATA MODEL

MA-37

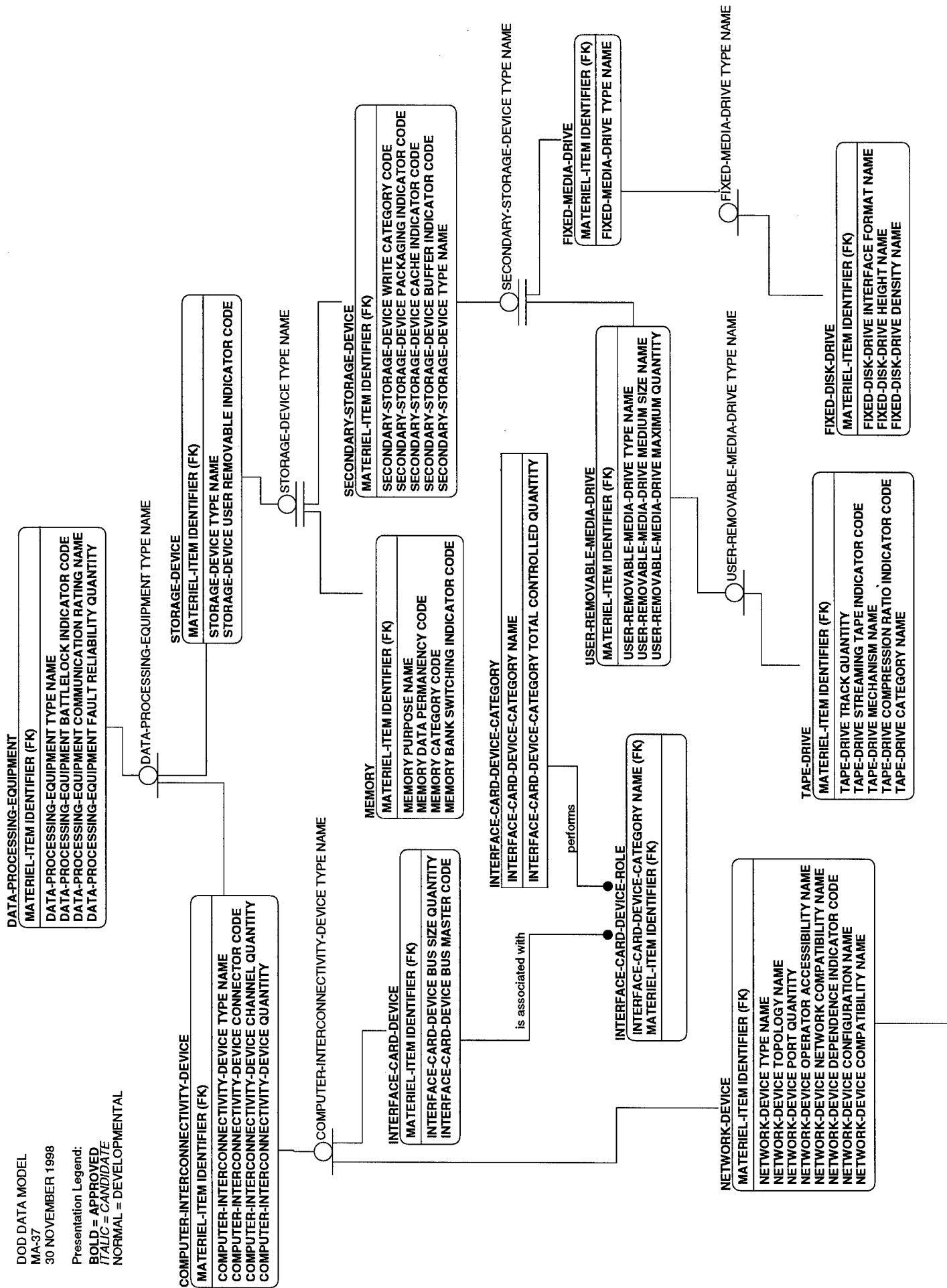
30 NOVEMBER 1998

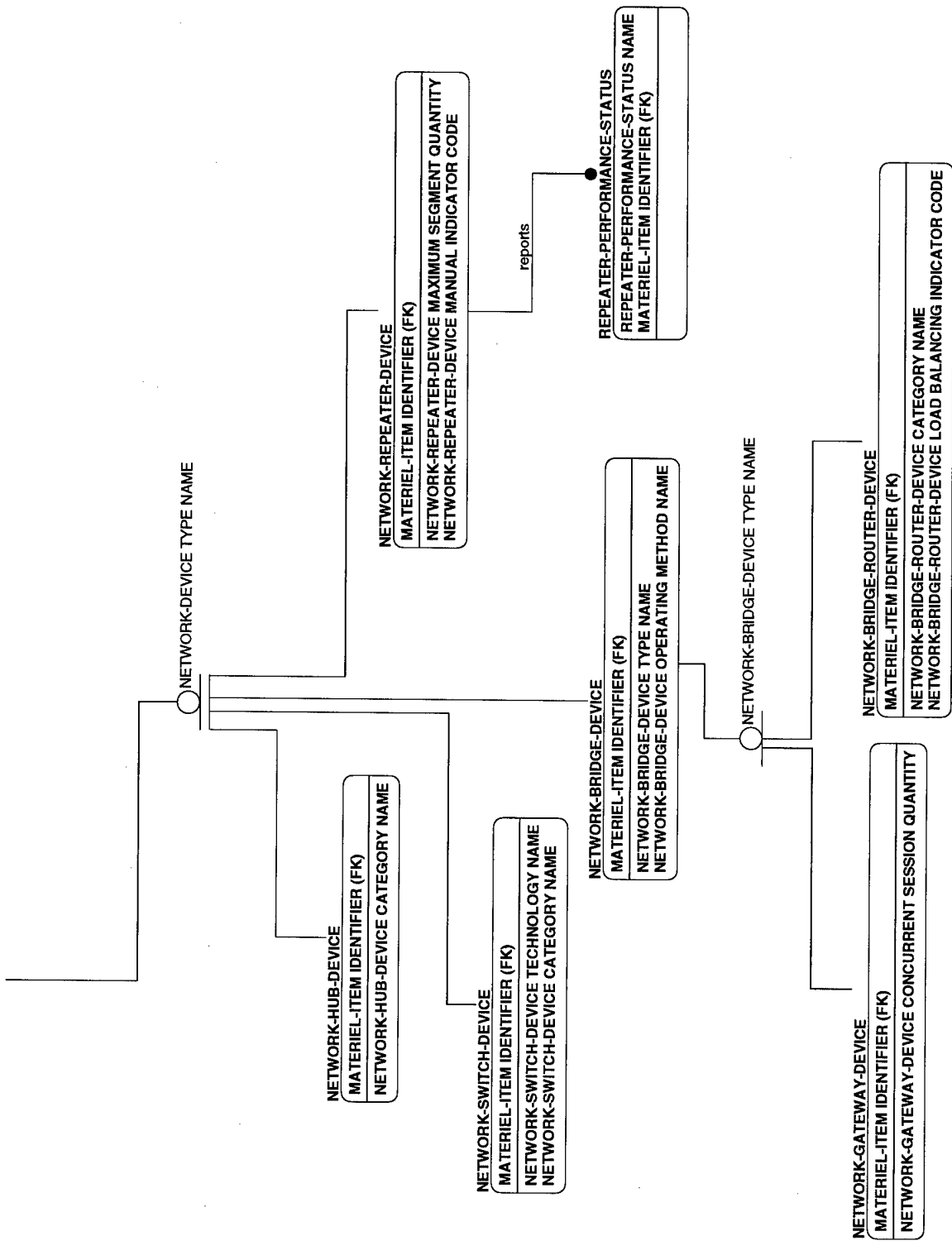
Presentation Legend:

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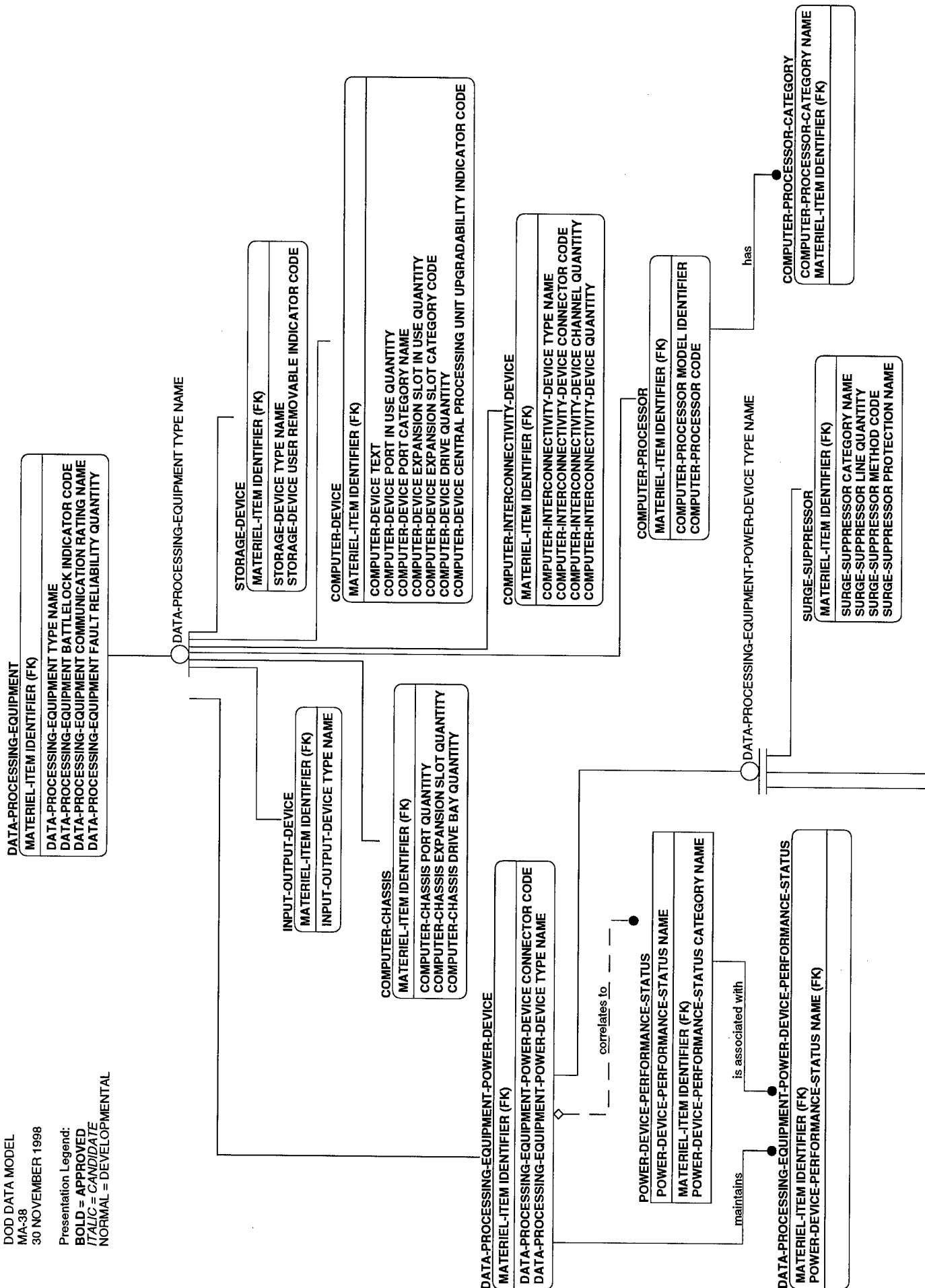
*ITALIC* = CANDIDATE

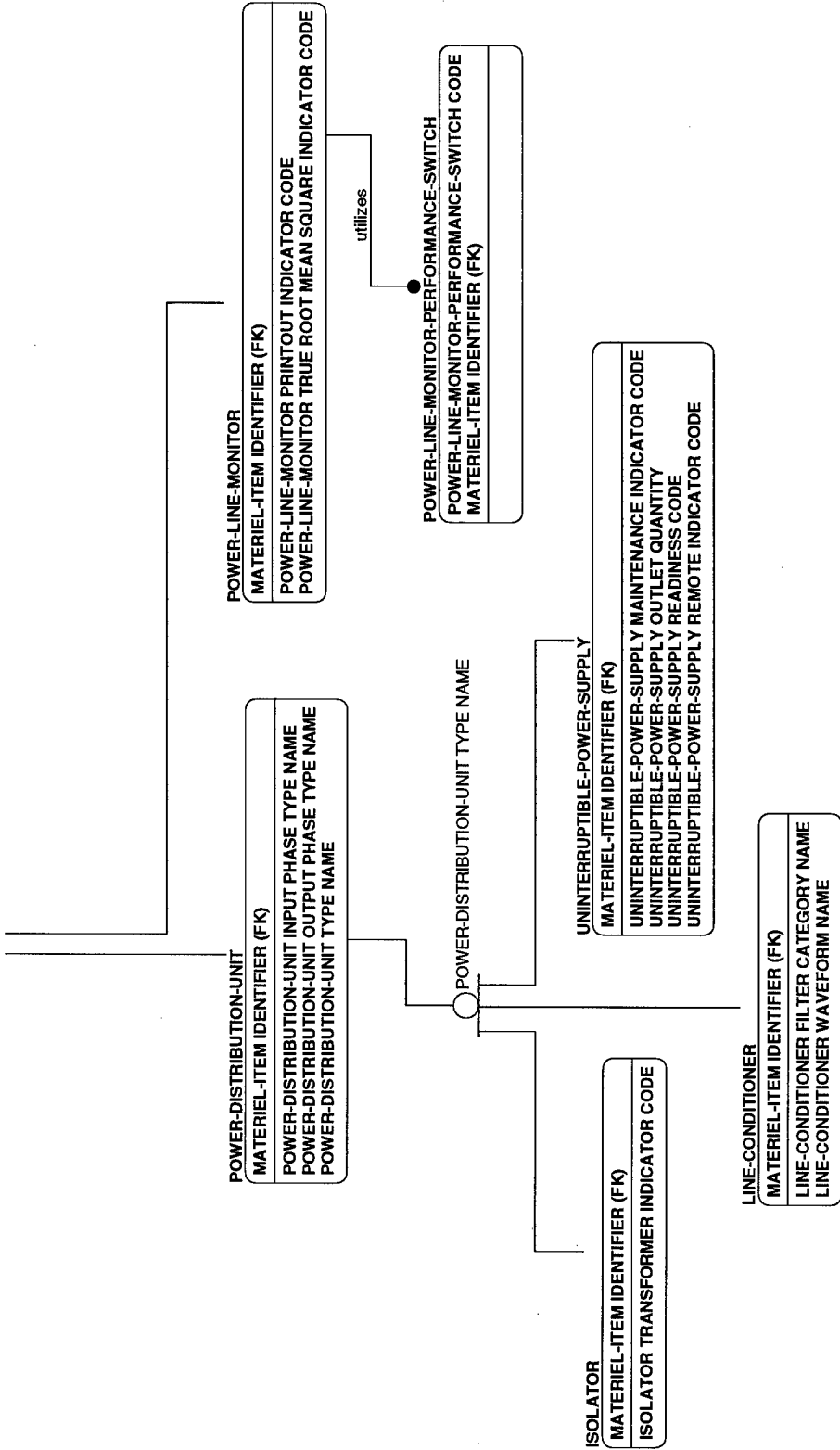
NORMAL = DEVELOPMENTAL





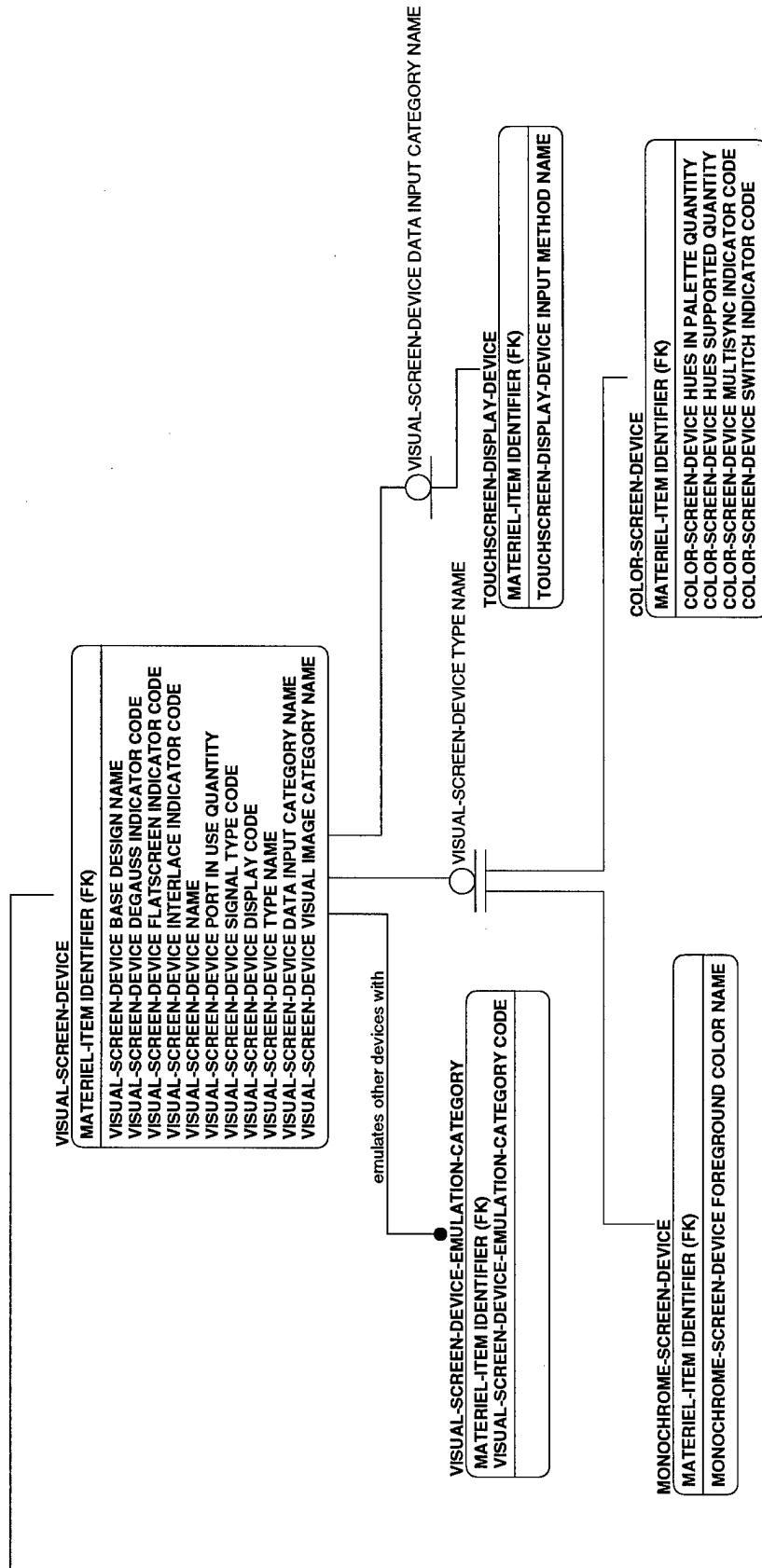
MA-38





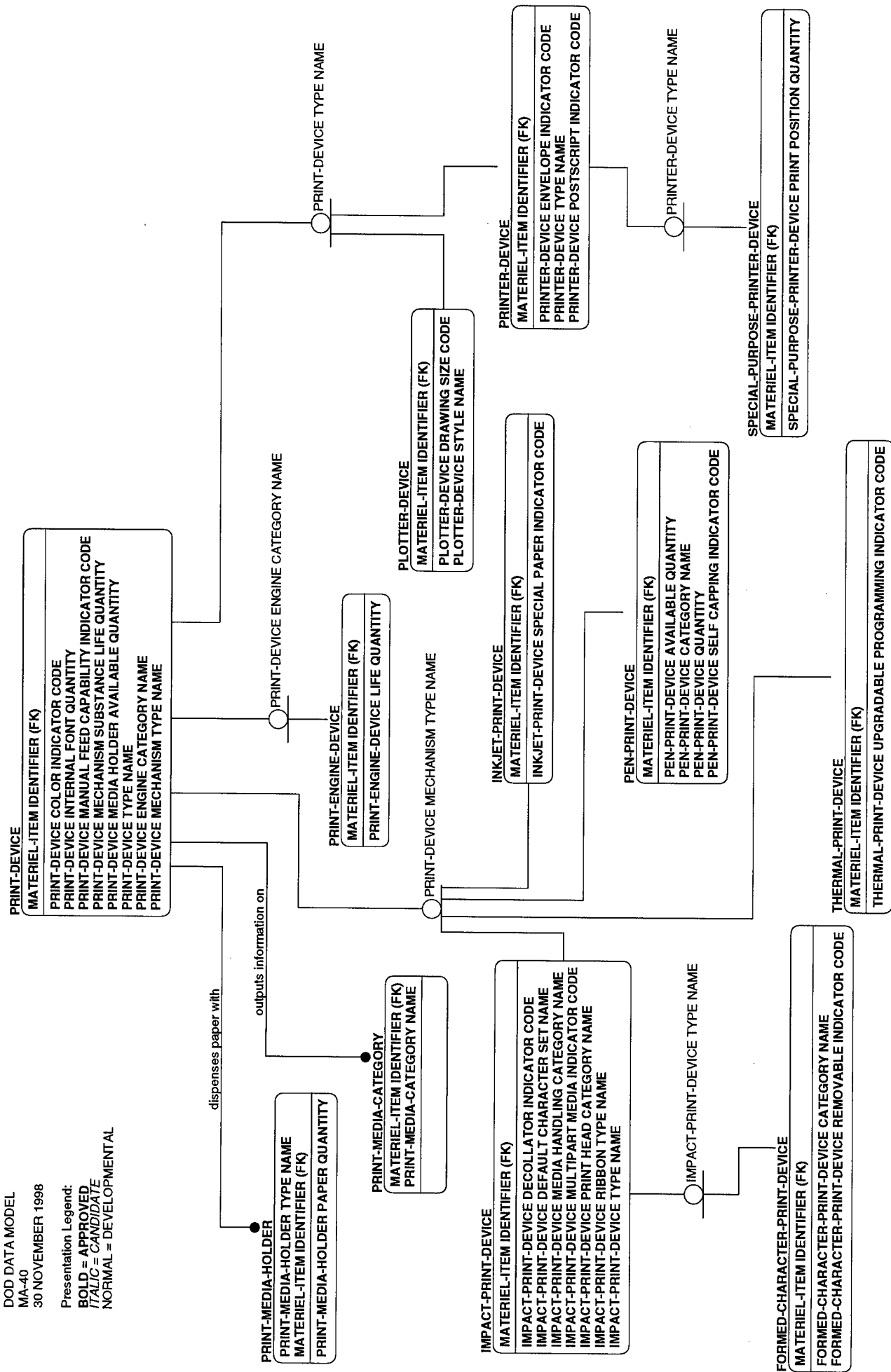
MA-39





MA-40

**Presentation Legend:**  
**BOLD = APPROVED**  
*ITALIC = CANDIDATE*  
 NORMAL = DEVELOP



MA-41

DOD DATA MODEL  
MA-41  
30 NOVEMBER 1998

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

PLANT-EQUIPMENT

|                                                         |
|---------------------------------------------------------|
| PLANT-EQUIPMENT IDENTIFIER                              |
| MATERIEL-OWNERSHIP CODE (FK)                            |
| LOGISTICS-PURPOSE CODE (FK)                             |
| MATERIEL-PROJECT CODE (FK)                              |
| SUPPLY-CONDITION CODE (FK)                              |
| MATERIEL-DISTRIBUTION-STATUS CODE (FK)                  |
| FACILITY IDENTIFIER (FK)                                |
| MATERIEL-ITEM IDENTIFIER (FK)                           |
| MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)               |
| PLANT-EQUIPMENT TYPE CODE                               |
| PLANT-EQUIPMENT INSTALL CALENDAR DATE                   |
| PLANT-EQUIPMENT DESCRIPTION TEXT                        |
| PLANT-EQUIPMENT ASSET TYPE CODE                         |
| PLANT-EQUIPMENT CATEGORY CODE                           |
| MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK) |
| PLANT-EQUIPMENT CONSTRUCTION MATERIAL CODE              |
| PLANT-EQUIPMENT DIAMETER DIMENSION                      |
| PLANT-EQUIPMENT DRAFT TYPE CODE                         |
| PLANT-EQUIPMENT FILLING VAPOR CONTROL SYSTEM CODE       |
| PLANT-EQUIPMENT HEIGHT DIMENSION                        |
| PLANT-EQUIPMENT INITIAL OPERATION CALENDAR DATE         |
| PLANT-EQUIPMENT INSIDE DEPTH DIMENSION                  |
| ORGANIZATION IDENTIFIER (FK)                            |
| PLANT-EQUIPMENT LENGTH DIMENSION                        |
| PLANT-EQUIPMENT MANUFACTURE CALENDAR DATE               |
| PLANT-EQUIPMENT MANUFACTURER NAME                       |
| PLANT-EQUIPMENT MANUFACTURER SERIAL IDENTIFIER          |
| PLANT-EQUIPMENT OPERATION STATUS CODE                   |
| PLANT-EQUIPMENT REMOVAL CALENDAR DATE                   |
| PLANT-EQUIPMENT WIDTH DIMENSION                         |

INDUSTRIAL-ENGINE

|                                        |
|----------------------------------------|
| PLANT-EQUIPMENT IDENTIFIER (FK)        |
| FACILITY IDENTIFIER (FK)               |
| MATERIEL-ITEM IDENTIFIER (FK)          |
| MATERIEL-DISTRIBUTION-STATUS CODE (FK) |
| LOGISTICS-PURPOSE CODE (FK)            |
| MATERIEL-PROJECT CODE (FK)             |
| SUPPLY-CONDITION CODE (FK)             |
| MATERIEL-OWNERSHIP CODE (FK)           |
| INDUSTRIAL-ENGINE TYPE CODE            |
| INDUSTRIAL-ENGINE HORSEPOWER QUANTITY  |

INDUSTRIAL-GENERATOR

|                                        |
|----------------------------------------|
| PLANT-EQUIPMENT IDENTIFIER (FK)        |
| FACILITY IDENTIFIER (FK)               |
| MATERIEL-ITEM IDENTIFIER (FK)          |
| MATERIEL-DISTRIBUTION-STATUS CODE (FK) |
| LOGISTICS-PURPOSE CODE (FK)            |
| MATERIEL-PROJECT CODE (FK)             |
| SUPPLY-CONDITION CODE (FK)             |
| MATERIEL-OWNERSHIP CODE (FK)           |
| INDUSTRIAL-GENERATOR ENGINE TYPE CODE  |

PLANT-EQUIPMENT CATEGORY CODE

DRY-CLEANING-EQUIPMENT

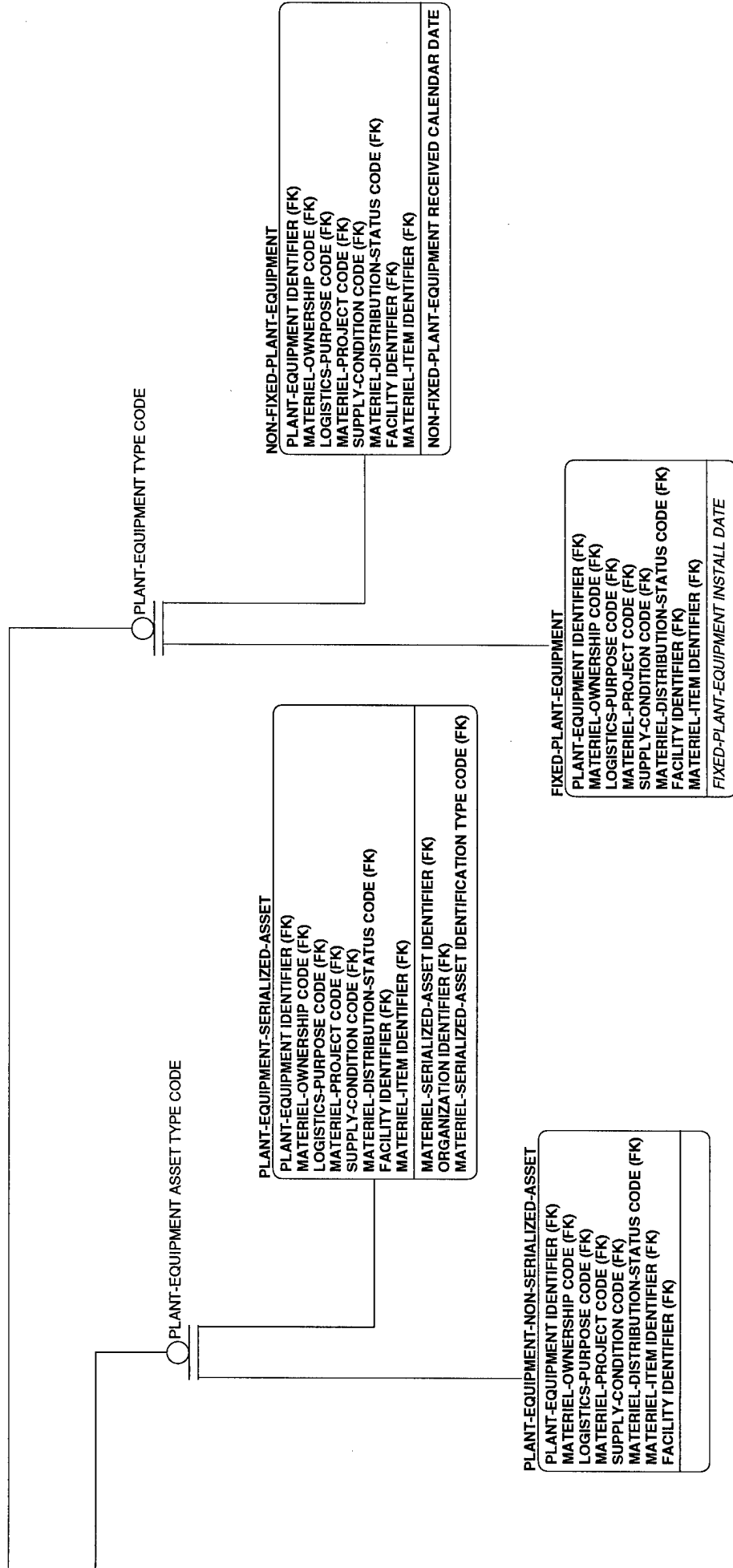
|                                        |
|----------------------------------------|
| PLANT-EQUIPMENT IDENTIFIER (FK)        |
| FACILITY IDENTIFIER (FK)               |
| MATERIEL-ITEM IDENTIFIER (FK)          |
| MATERIEL-DISTRIBUTION-STATUS CODE (FK) |
| LOGISTICS-PURPOSE CODE (FK)            |
| MATERIEL-PROJECT CODE (FK)             |
| SUPPLY-CONDITION CODE (FK)             |
| MATERIEL-OWNERSHIP CODE (FK)           |
| DRY-CLEANING-EQUIPMENT TYPE CODE       |
| DRY-CLEANING-EQUIPMENT OPERATION CODE  |

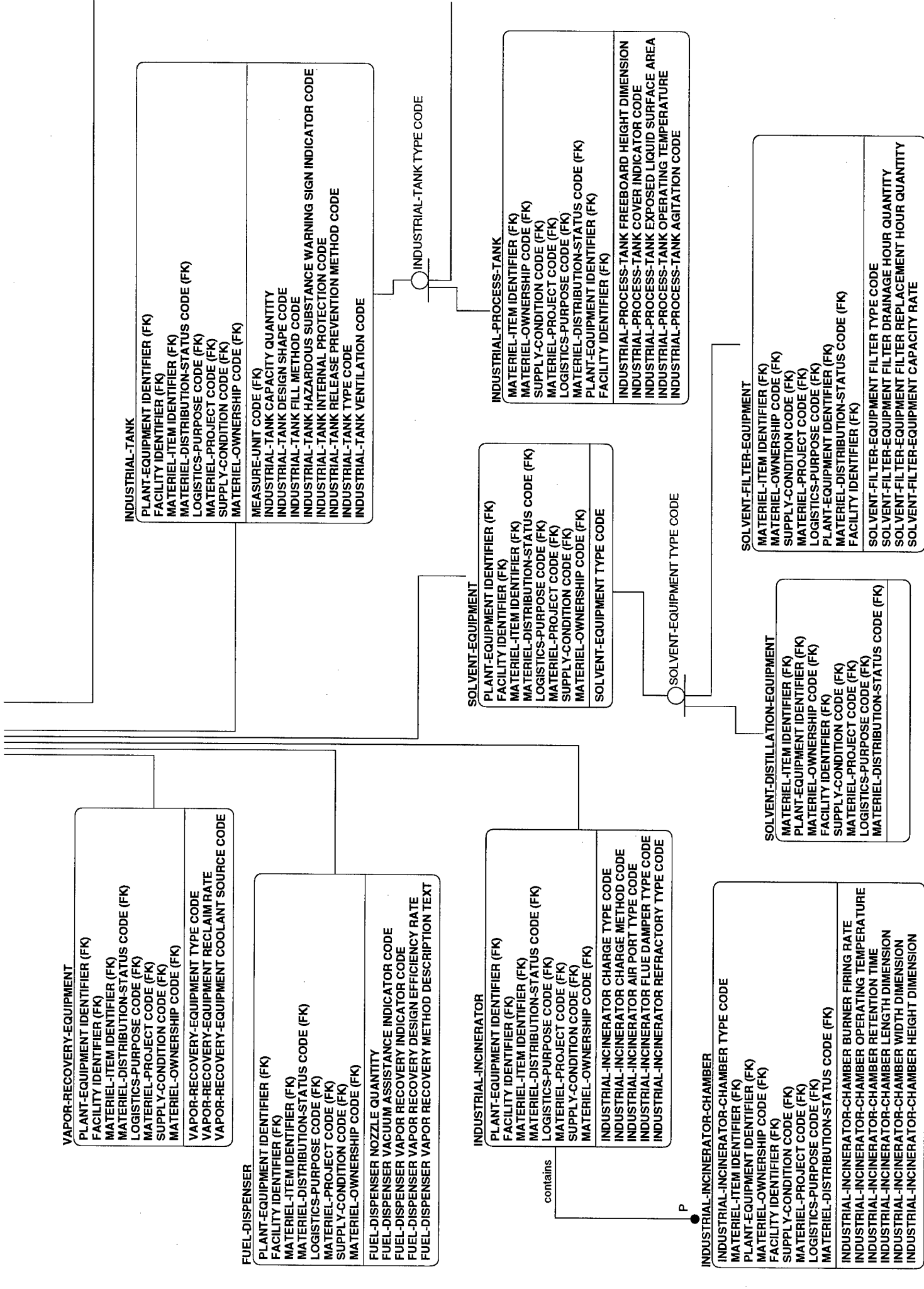
INDUSTRIAL-OVEN

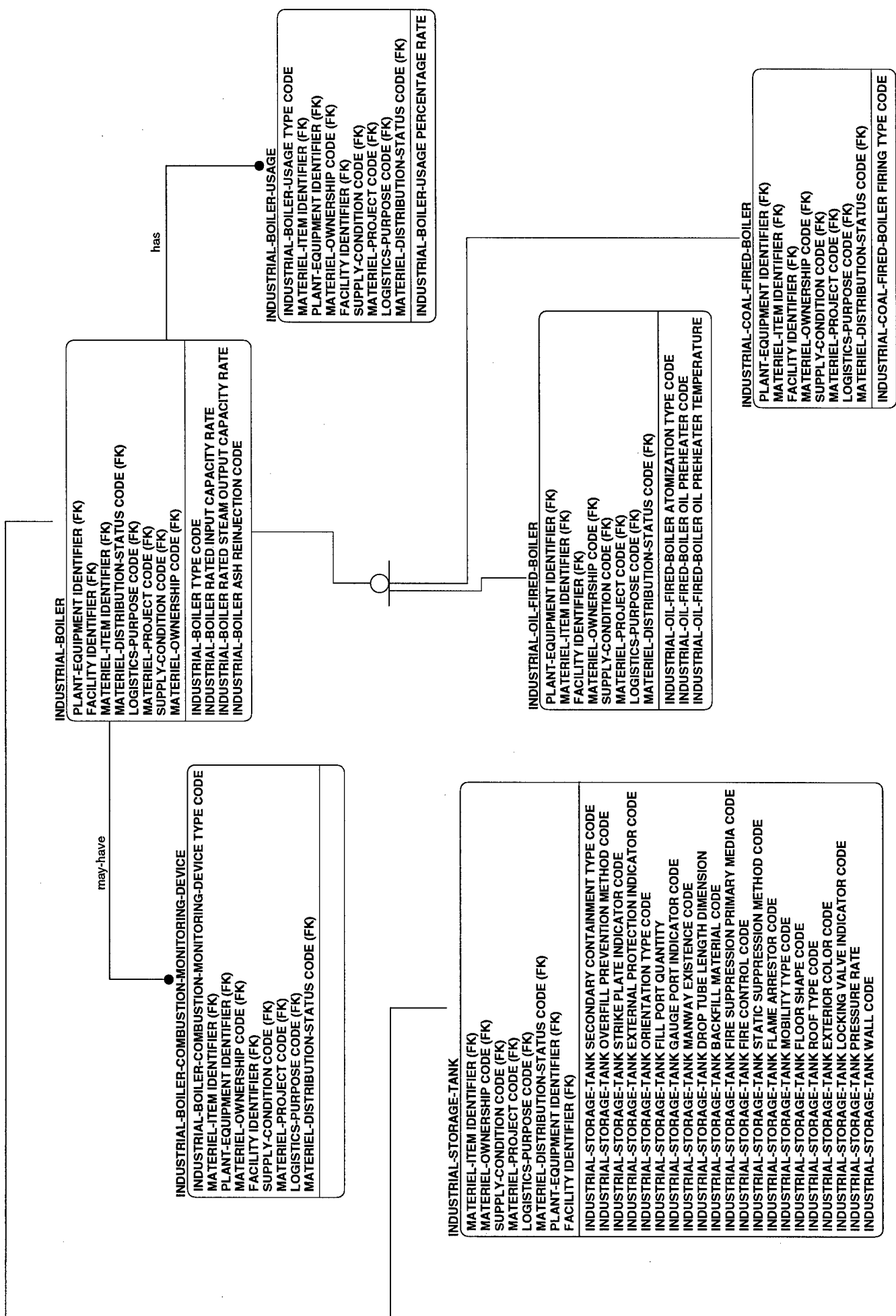
|                                               |
|-----------------------------------------------|
| PLANT-EQUIPMENT IDENTIFIER (FK)               |
| FACILITY IDENTIFIER (FK)                      |
| MATERIEL-ITEM IDENTIFIER (FK)                 |
| MATERIEL-DISTRIBUTION-STATUS CODE (FK)        |
| LOGISTICS-PURPOSE CODE (FK)                   |
| MATERIEL-PROJECT CODE (FK)                    |
| SUPPLY-CONDITION CODE (FK)                    |
| MATERIEL-OWNERSHIP CODE (FK)                  |
| INDUSTRIAL-OVEN TYPE CODE                     |
| INDUSTRIAL-OVEN MINIMUM OPERATION TEMPERATURE |
| INDUSTRIAL-OVEN MAXIMUM OPERATION TEMPERATURE |

FUEL-LOADING-RACK

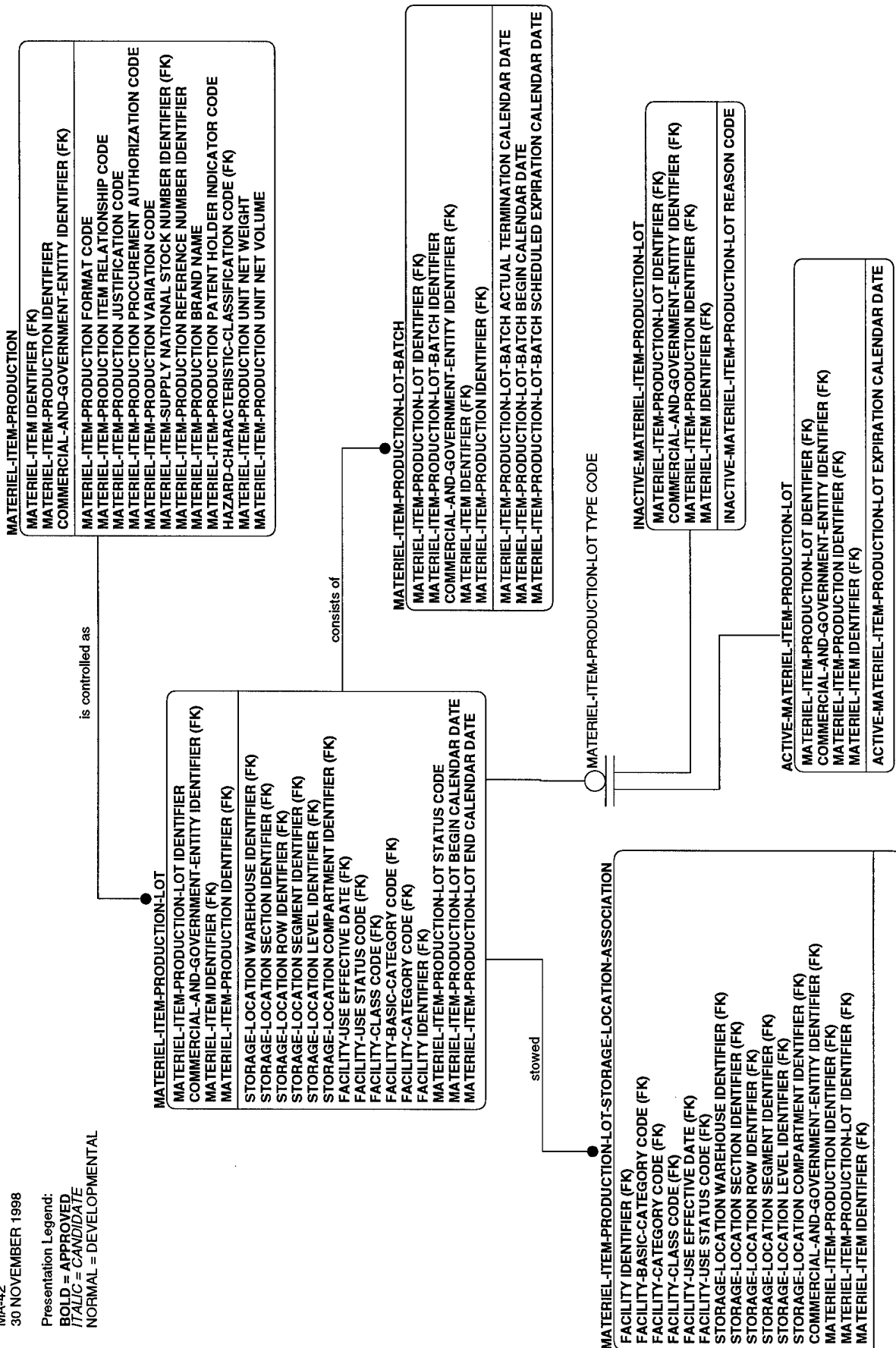
|                                            |
|--------------------------------------------|
| PLANT-EQUIPMENT IDENTIFIER (FK)            |
| FACILITY IDENTIFIER (FK)                   |
| MATERIEL-ITEM IDENTIFIER (FK)              |
| MATERIEL-DISTRIBUTION-STATUS CODE (FK)     |
| LOGISTICS-PURPOSE CODE (FK)                |
| MATERIEL-PROJECT CODE (FK)                 |
| SUPPLY-CONDITION CODE (FK)                 |
| MATERIEL-OWNERSHIP CODE (FK)               |
| FUEL-LOADING-RACK LOADING METHOD CODE      |
| FUEL-LOADING-RACK LOADING ARM QUANTITY     |
| FUEL-LOADING-RACK VEHICLE LOADED TYPE CODE |





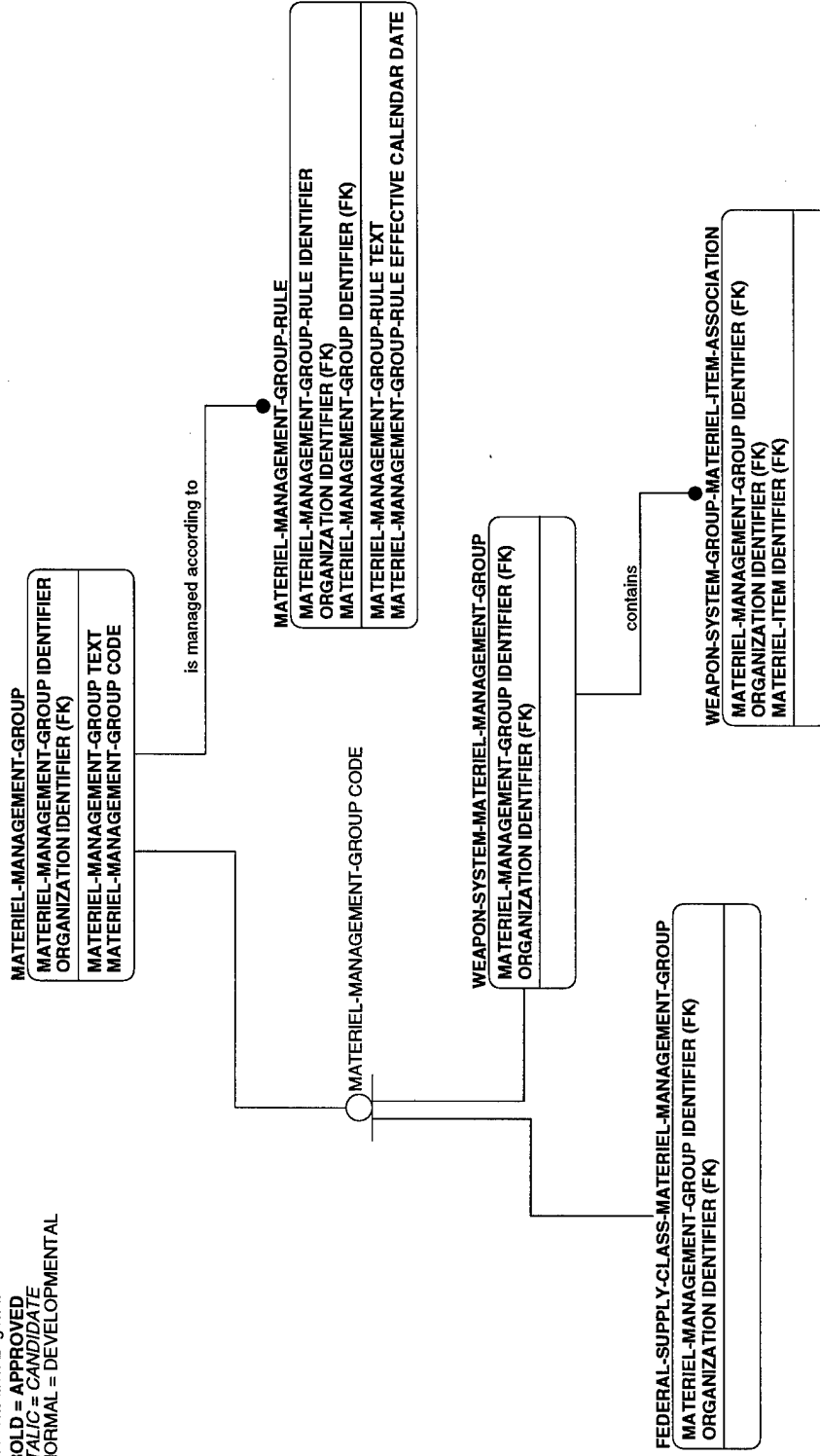


MA-42



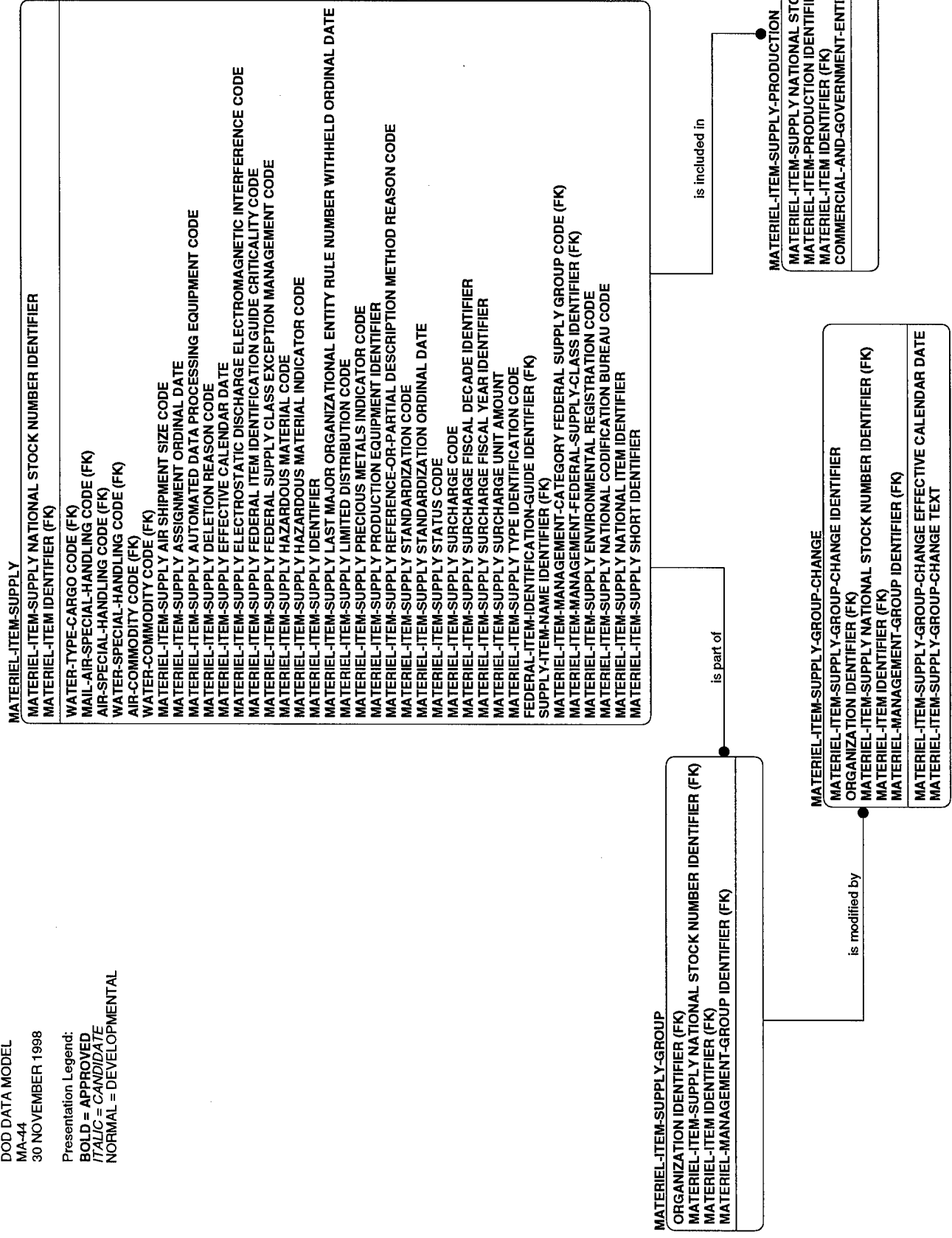
MA-43

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



MA-44

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



## Section 3.16

# Organization

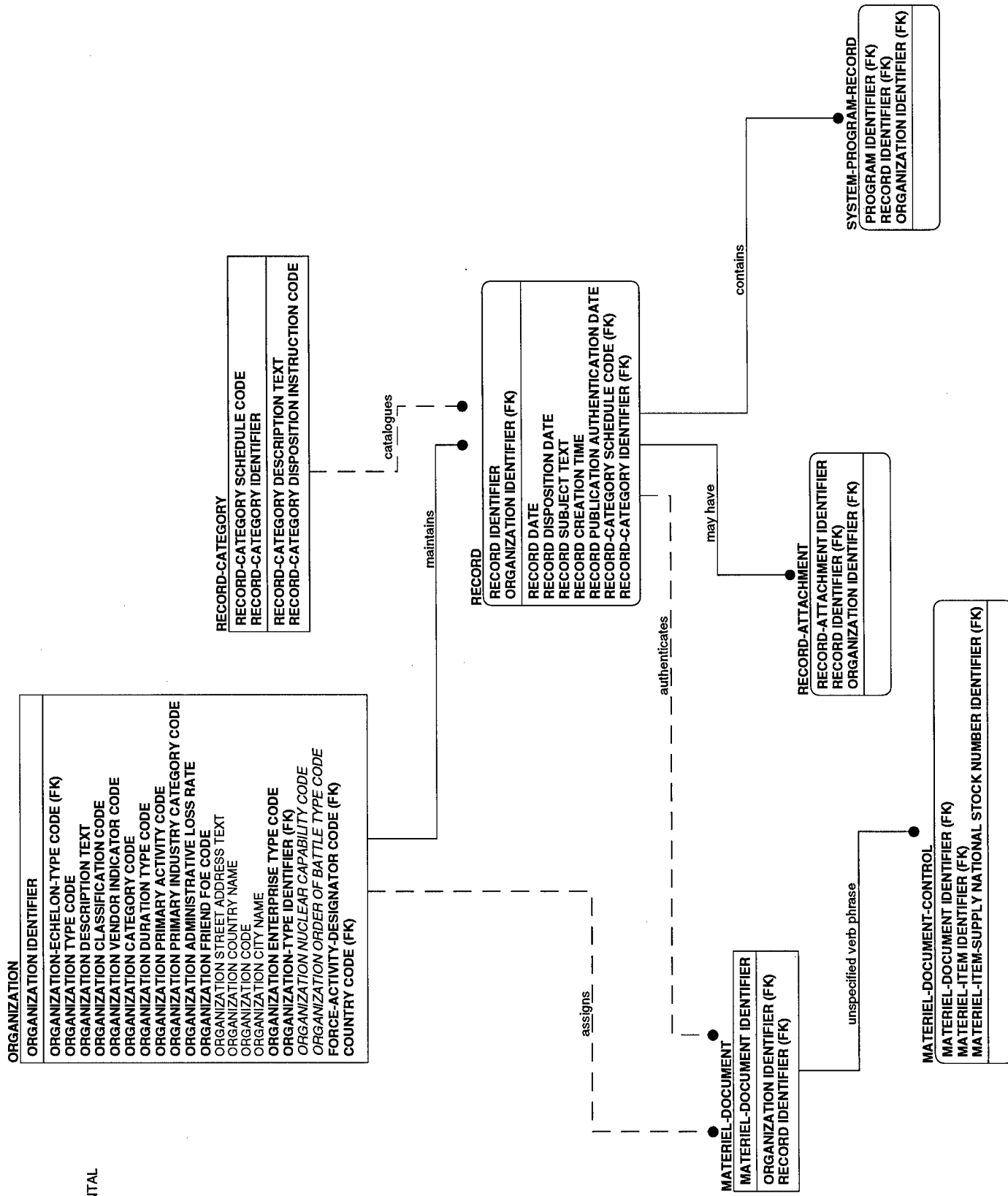
## Section 3.16    Organization Subject Area

**Purpose:**        The ORGANIZATION Subject Area View includes the data necessary to describe all ORGANIZATIONs important to the accomplishment of the DoD mission.

**Note:**         The following subsections contain the View data maps which comprise this Subject Area. Every data requirement within this Subject Area will be represented in at least one of the Views. The View data maps are in numeric order.

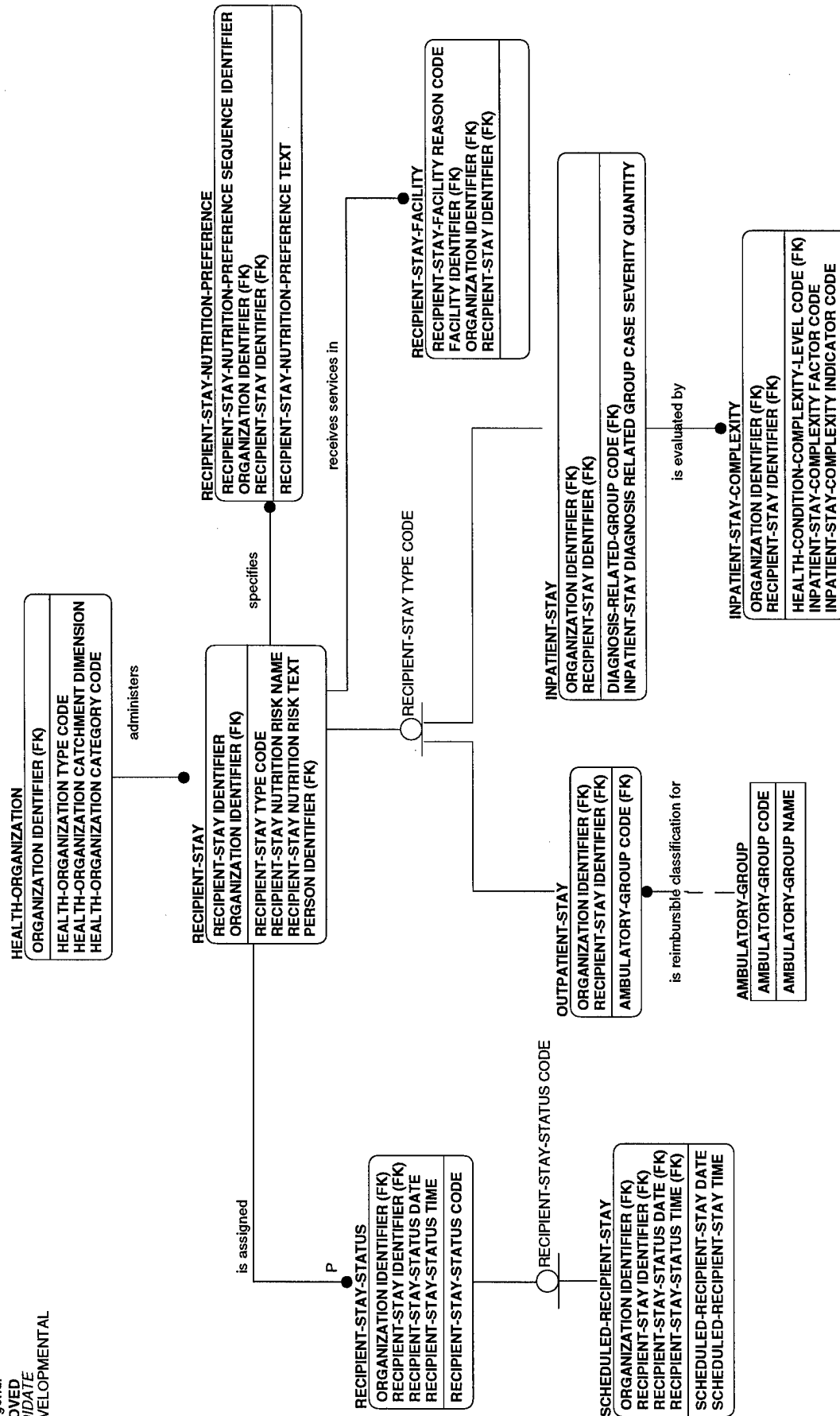
OR-01

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



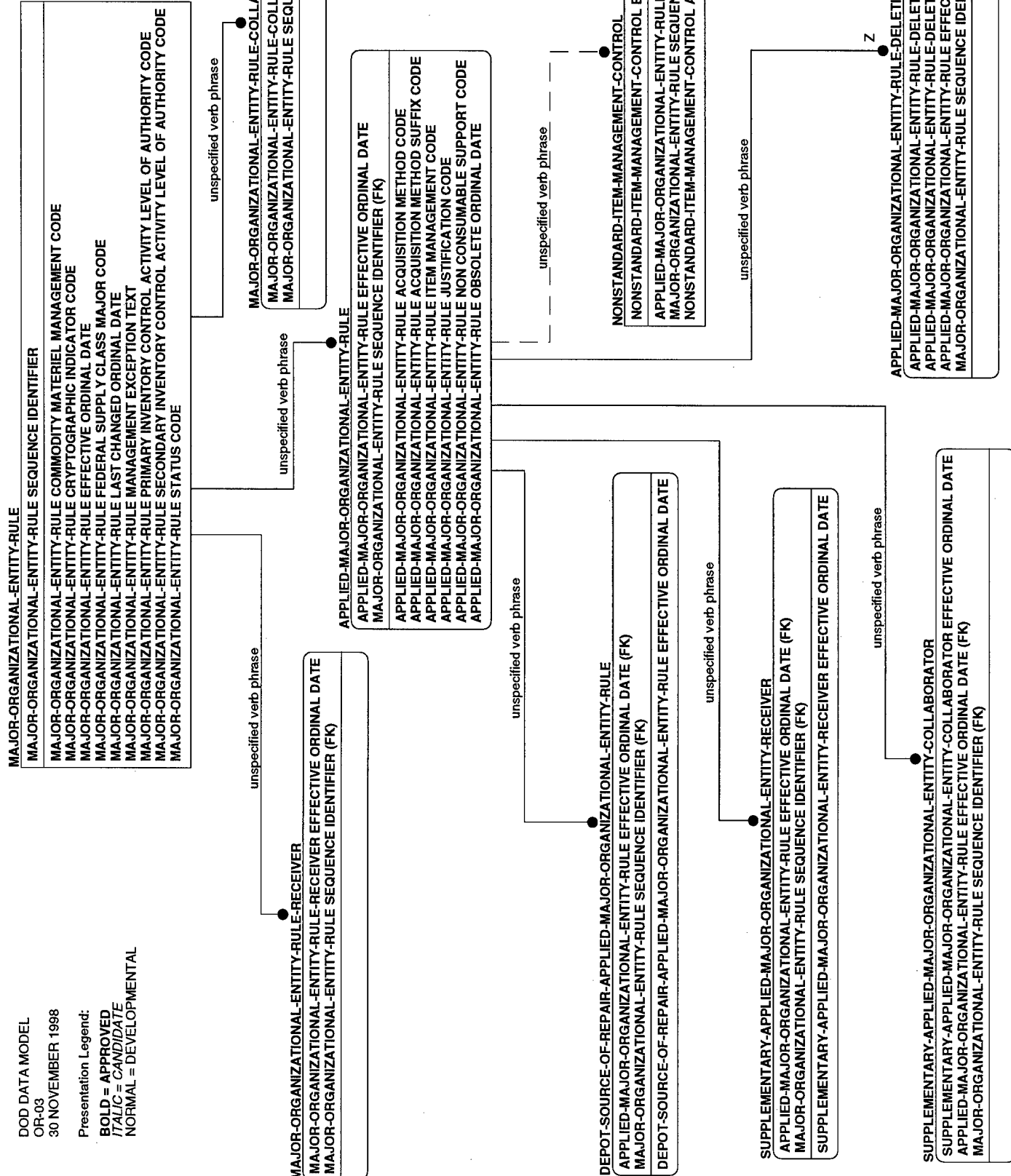
OR-02

Presentation Legend:  
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*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



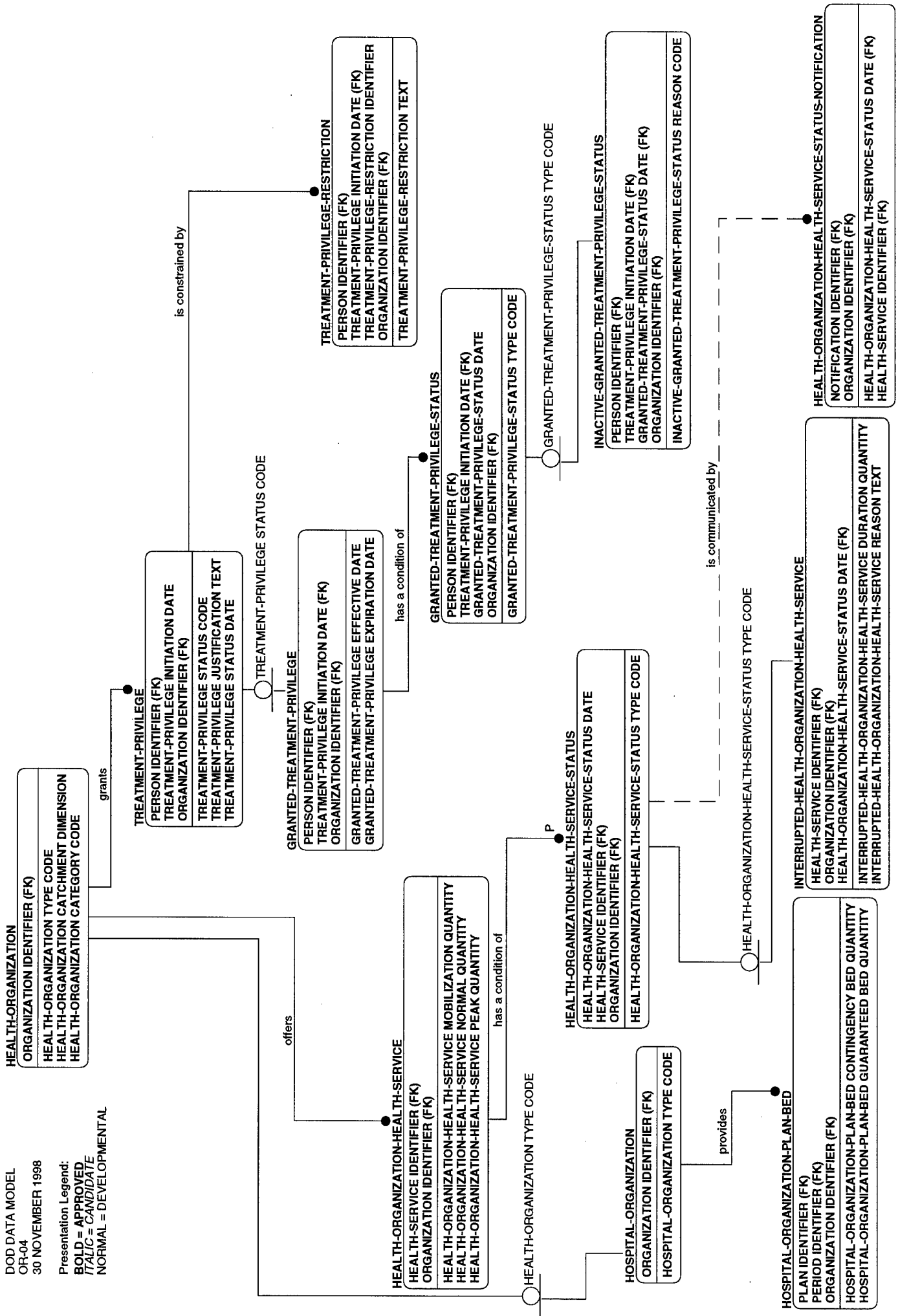
OR-03

DOD DATA MODEL  
OR-03  
30 NOVEMBER 1998  
Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



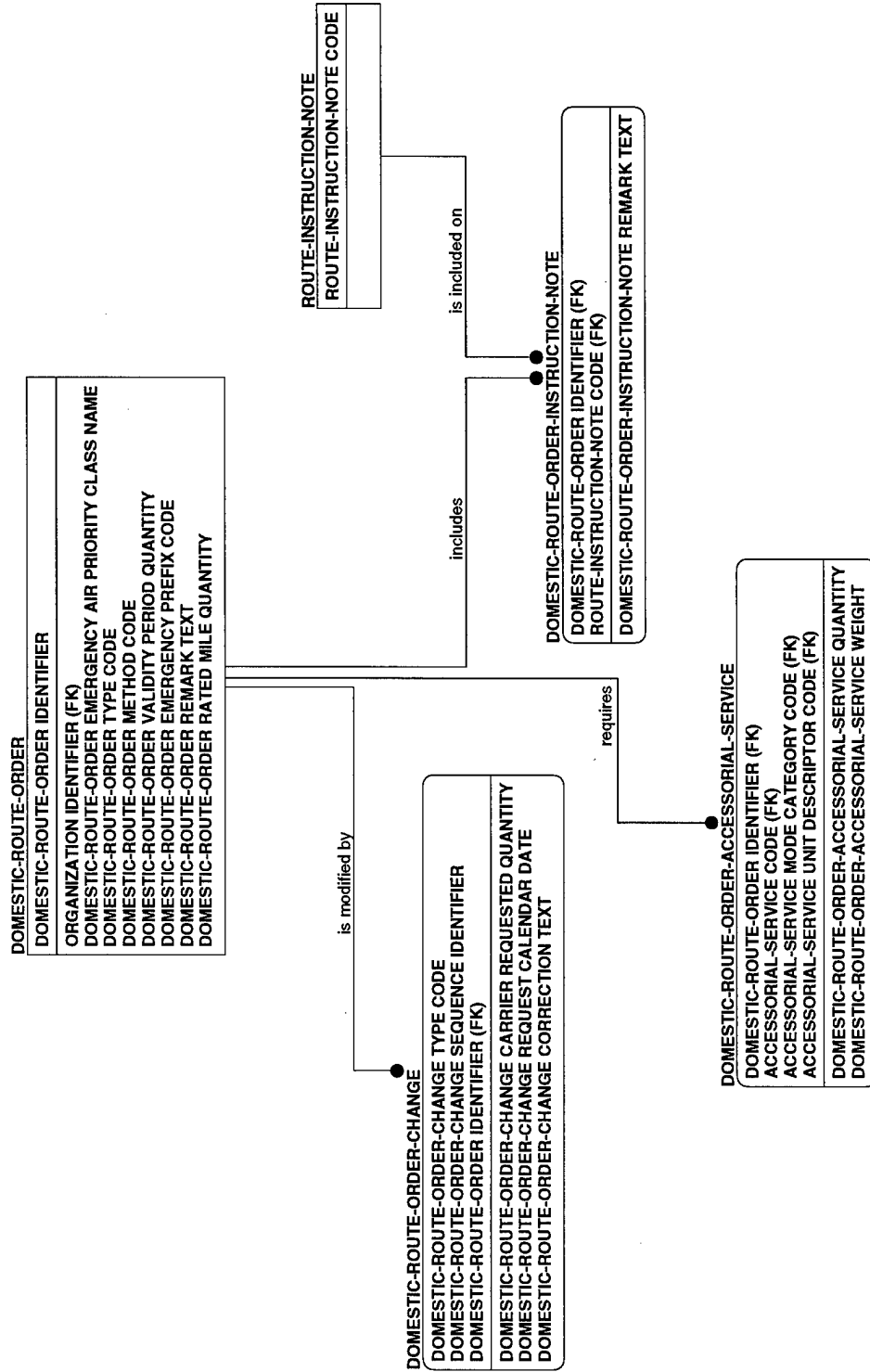
OR-04

**Presentation Legend:**  
**BOLD = APPROVED**  
*ITALIC = CANDIDATE*  
 NORMAL = DEVELOP



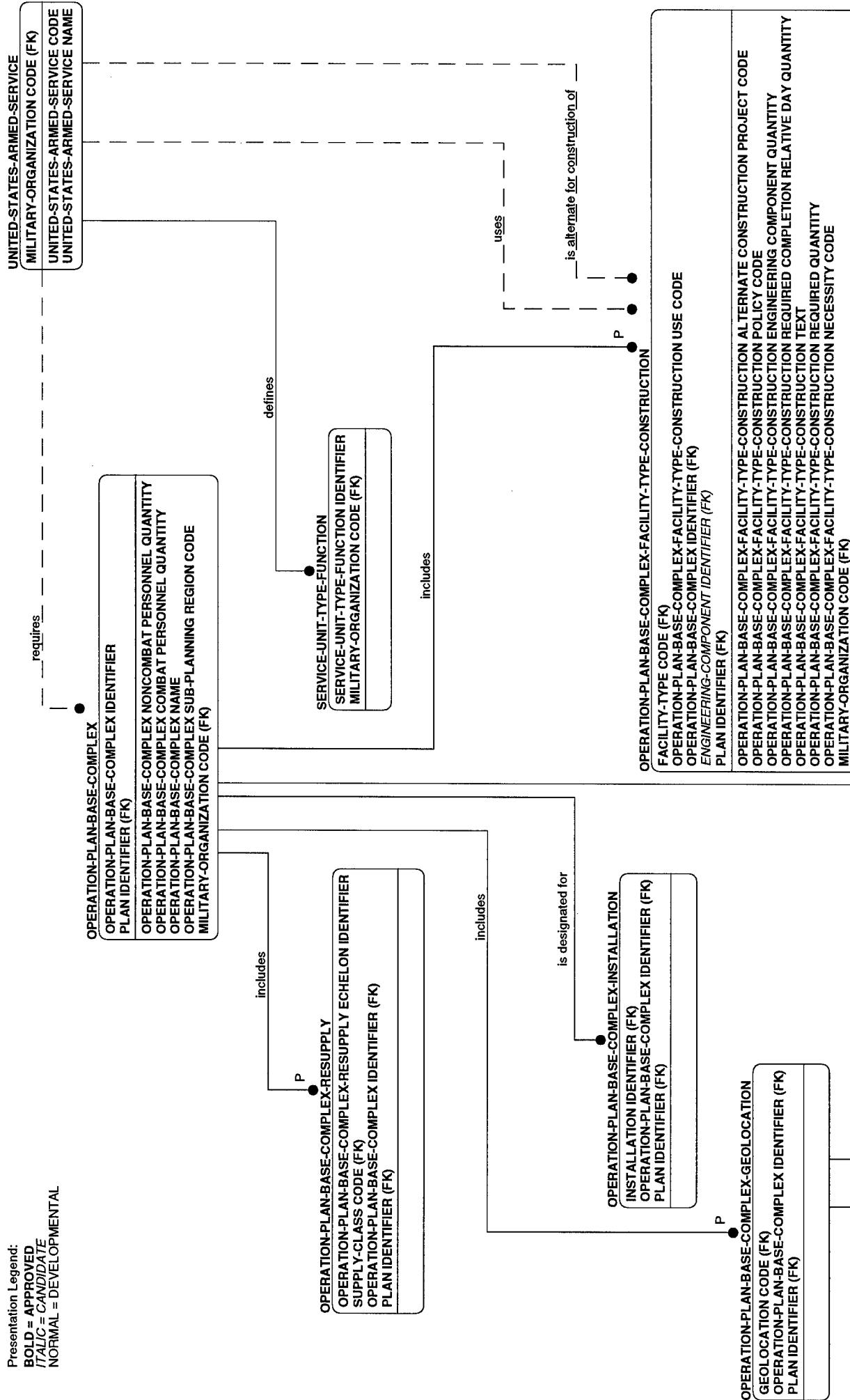
OR-05

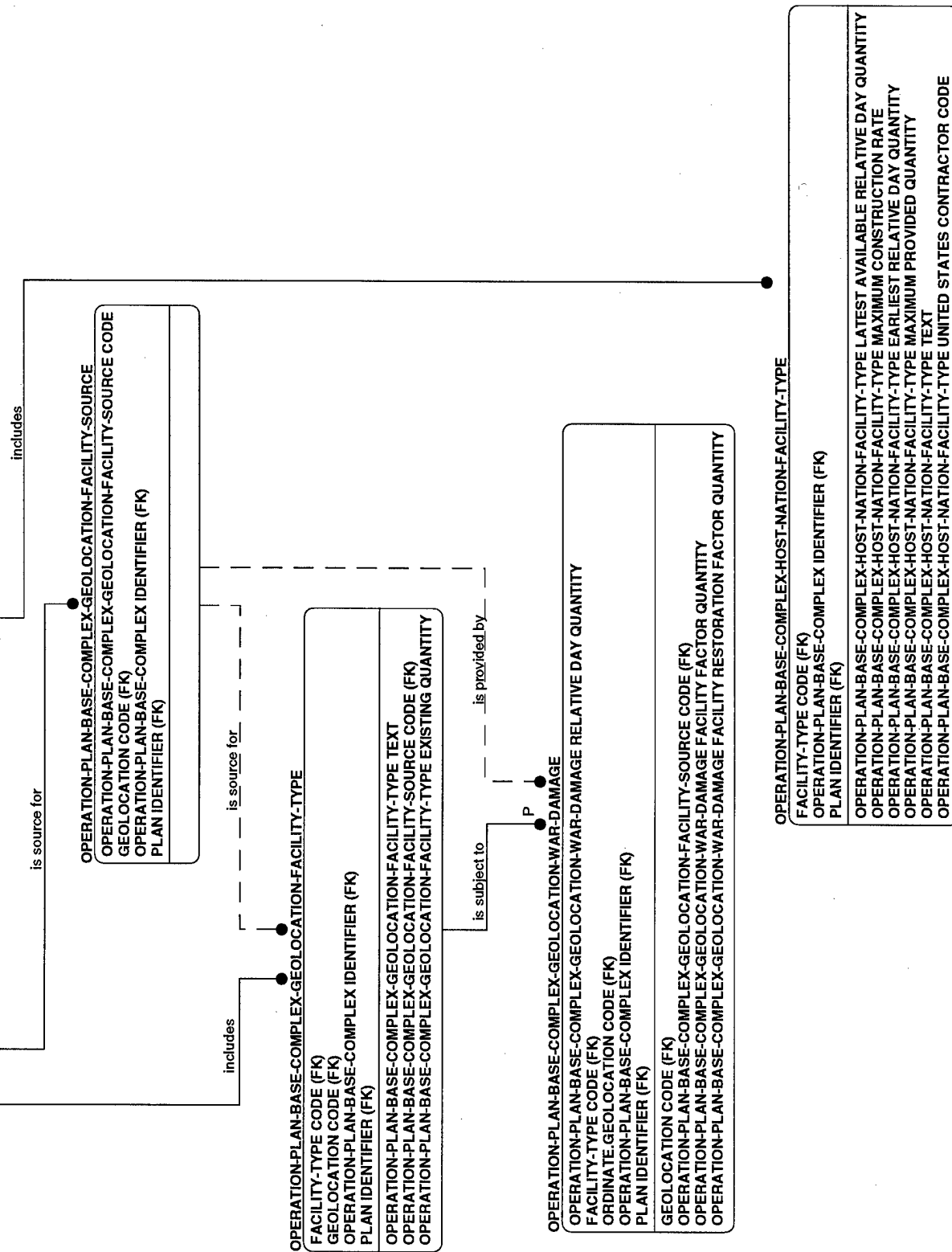
Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



OR-06

Presentation Legend:  
**BOLD = APPROVED**  
*ITALIC = CANDIDATE*  
NORMAL = DEVELOPMENTAL





OR-07

DOD DATA MODEL  
OR-07  
30 NOVEMBER 1998

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

UNITED-STATES-ARMED-SERVICE

|                                  |
|----------------------------------|
| MILITARY-ORGANIZATION CODE (FK)  |
| UNITED-STATES-ARMED-SERVICE CODE |
| UNITED-STATES-ARMED-SERVICE NAME |

has  
requirements  
for

uses

manages supply for

GEOLOCATION-PORT-OF-SUPPORT

|                                   |
|-----------------------------------|
| ORDINATE.GEOLOCATION CODE (FK)    |
| SUPPLY-CLASS CODE (FK)            |
| MILITARY-ORGANIZATION CODE (FK)   |
| SUBORDINATE.GEOLOCATION CODE (FK) |

identifies

OPERATIONS-PLAN-MILITARY-ORGANIZATION-SUPPLY-CLASS

|                                                                                     |
|-------------------------------------------------------------------------------------|
| MILITARY-ORGANIZATION CODE (FK)                                                     |
| SUPPLY-CLASS CODE (FK)                                                              |
| PLAN IDENTIFIER (FK)                                                                |
| OPERATIONS-PLAN-MILITARY-ORGANIZATION-SUPPLY-CLASS MULTIPLIER FACTOR QUANTITY       |
| OPERATIONS-PLAN-MILITARY-ORGANIZATION-SUPPLY-CLASS AVAILABLE STOCKAGE QUANTITY      |
| OPERATIONS-PLAN-MILITARY-ORGANIZATION-SUPPLY-CLASS UNAVAILABLE STOCKAGE QUANTITY    |
| OPERATIONS-PLAN-MILITARY-ORGANIZATION-SUPPLY-CLASS AIR RESUPPLY PERCENTAGE RATE     |
| OPERATIONS-PLAN-MILITARY-ORGANIZATION-SUPPLY-CLASS CONTAINERIZEABLE PERCENTAGE RATE |

MILITARY-ORGANIZATION-SUPPLY-CLASS

|                                                                 |
|-----------------------------------------------------------------|
| SUPPLY-CLASS CODE (FK)                                          |
| MILITARY-ORGANIZATION CODE (FK)                                 |
| MILITARY-ORGANIZATION-SUPPLY-CLASS CAPABILITY STOCKAGE QUANTITY |

is consumed by

MILITARY-ORGANIZATION-SUPPLY-CLASS-COMBAT-INTENSITY

|                                                                      |
|----------------------------------------------------------------------|
| MILITARY-ORGANIZATION-SUPPLY-CLASS-COMBAT-INTENSITY LEVEL CODE       |
| SUPPLY-CLASS CODE (FK)                                               |
| MILITARY-ORGANIZATION CODE (FK)                                      |
| MILITARY-ORGANIZATION-SUPPLY-CLASS-COMBAT-INTENSITY CONSUMPTION RATE |

is location of

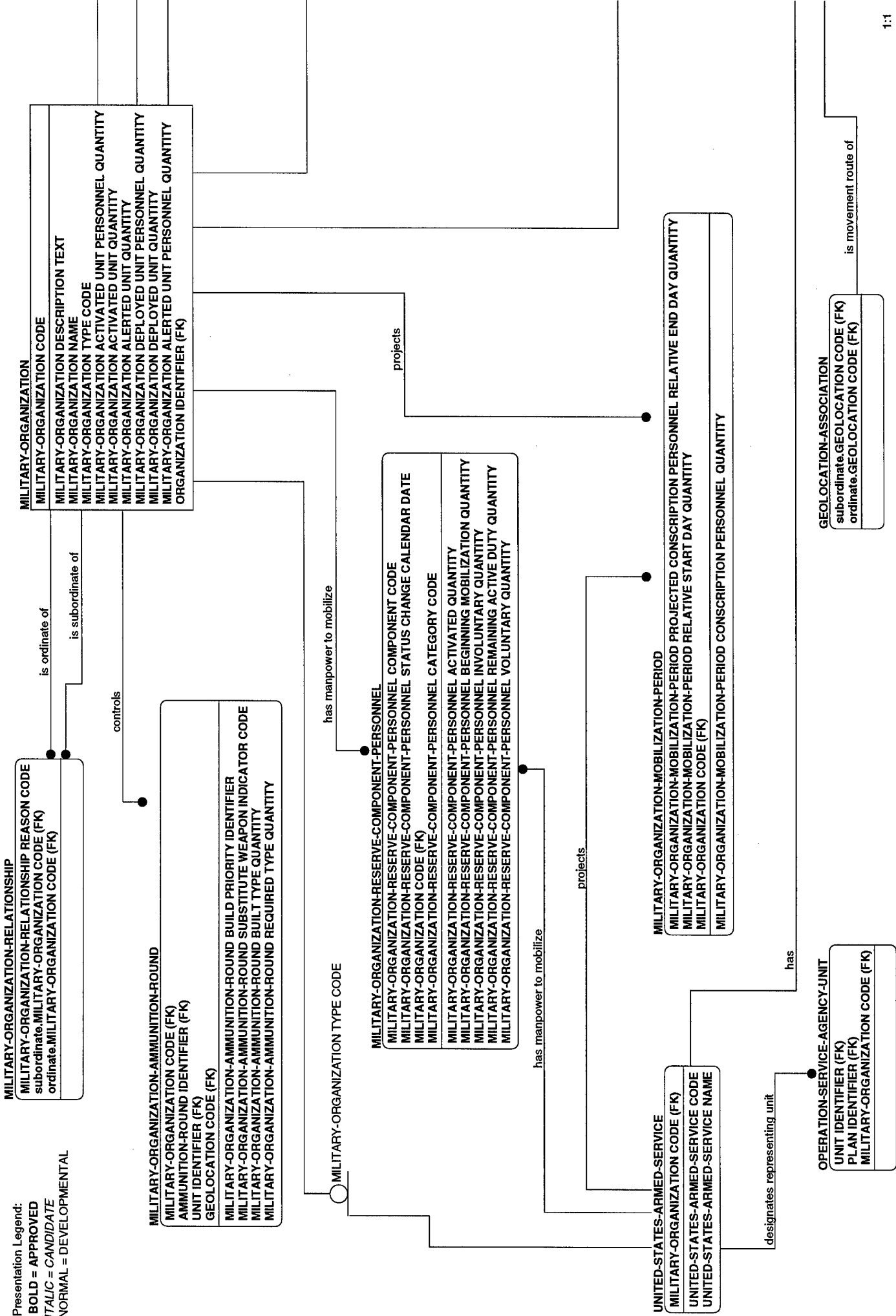
MILITARY-ORGANIZATION-SUPPLY-CLASS-THEATER

|                                                                        |
|------------------------------------------------------------------------|
| MILITARY-ORGANIZATION CODE (FK)                                        |
| SUPPLY-CLASS CODE (FK)                                                 |
| MILITARY-ORGANIZATION-SUPPLY-CLASS-THEATER CONSUMPTION MULTIPLIER RATE |



OR-08

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



MILITARY-ORGANIZATION-AMMUNITION-COMPONENT

MILITARY-ORGANIZATION CODE (FK)  
AMMUNITION-COMPONENT CODE (FK)  
UNIT IDENTIFIER (FK)  
GEOLOCATION CODE (FK)

MILITARY-ORGANIZATION-AMMUNITION-COMPONENT PREPOSITIONED WAR RESERVE MATERIEL TYPE QUANTITY  
MILITARY-ORGANIZATION-AMMUNITION-COMPONENT RECEIVED TYPE QUANTITY  
MILITARY-ORGANIZATION-AMMUNITION-COMPONENT SERVICEABLE TYPE QUANTITY  
MILITARY-ORGANIZATION-AMMUNITION-COMPONENT UNSERVICEABLE TYPE QUANTITY  
MILITARY-ORGANIZATION-AMMUNITION-COMPONENT TRANSFERRED IN SERVICE TYPE QUANTITY  
MILITARY-ORGANIZATION-AMMUNITION-COMPONENT TRANSFERRED OUT OF SERVICE TYPE QUANTITY  
MILITARY-ORGANIZATION-AMMUNITION-COMPONENT EXPENDED TYPE QUANTITY

controls

controls

possesses

MILITARY-ORGANIZATION-ITEM-SUPPLY

MILITARY-ORGANIZATION CODE (FK)

MILITARY-ORGANIZATION-ITEM-SUPPLY AVAILABLE QUANTITY  
MILITARY-ORGANIZATION-ITEM-SUPPLY CRITICAL INDICATOR CODE

provides

possesses

MILITARY-ORGANIZATION-COMPONENT-ITEM-SUPPLY

possesses.MILITARY-ORGANIZATION CODE (FK)  
provides.MILITARY-ORGANIZATION CODE (FK)

MILITARY-ORGANIZATION-COMPONENT-ITEM-SUPPLY ONHAND QUANTITY  
MILITARY-ORGANIZATION-COMPONENT-ITEM-SUPPLY REGION SCENARIO APPORTIONMENT RATE  
MILITARY-ORGANIZATION-COMPONENT-ITEM-SUPPLY REQUIRED QUANTITY

MILITARY-ORGANIZATION-PLAN-FUEL-TYPE-SUPPLY

MILITARY-ORGANIZATION CODE (FK)  
MILITARY-ORGANIZATION-FUEL-SUB-REGION PLANNING CODE (FK)  
FUEL-TYPE CODE (FK)  
PLAN IDENTIFIER (FK)  
UNIT IDENTIFIER (FK)

has

uses

MILITARY-ORGANIZATION-FUEL-TYPE-STATUS

MILITARY-ORGANIZATION-FUEL-TYPE-STATUS

MILITARY-ORGANIZATION CODE (FK)  
MILITARY-ORGANIZATION-FUEL-SUB-REGION PLANNING CODE (FK)  
FUEL-TYPE CODE (FK)  
UNIT IDENTIFIER (FK)

uses

is handled by

MILITARY-ORGANIZATION-FUEL-EQUIPMENT

MILITARY-ORGANIZATION-FUEL-EQUIPMENT CODE  
MILITARY-ORGANIZATION CODE (FK)  
MILITARY-ORGANIZATION-FUEL-SUB-REGION PLANNING CODE (FK)  
FUEL-TYPE CODE (FK)  
UNIT IDENTIFIER (FK)

OPERATIONS-PLAN-MILITARY-ORGANIZATION-GEOLOCATION-ASSOCIATION

SUBORDINATE.GEOLOCATION CODE (FK)

ordinate (FK)  
subordinate (FK)

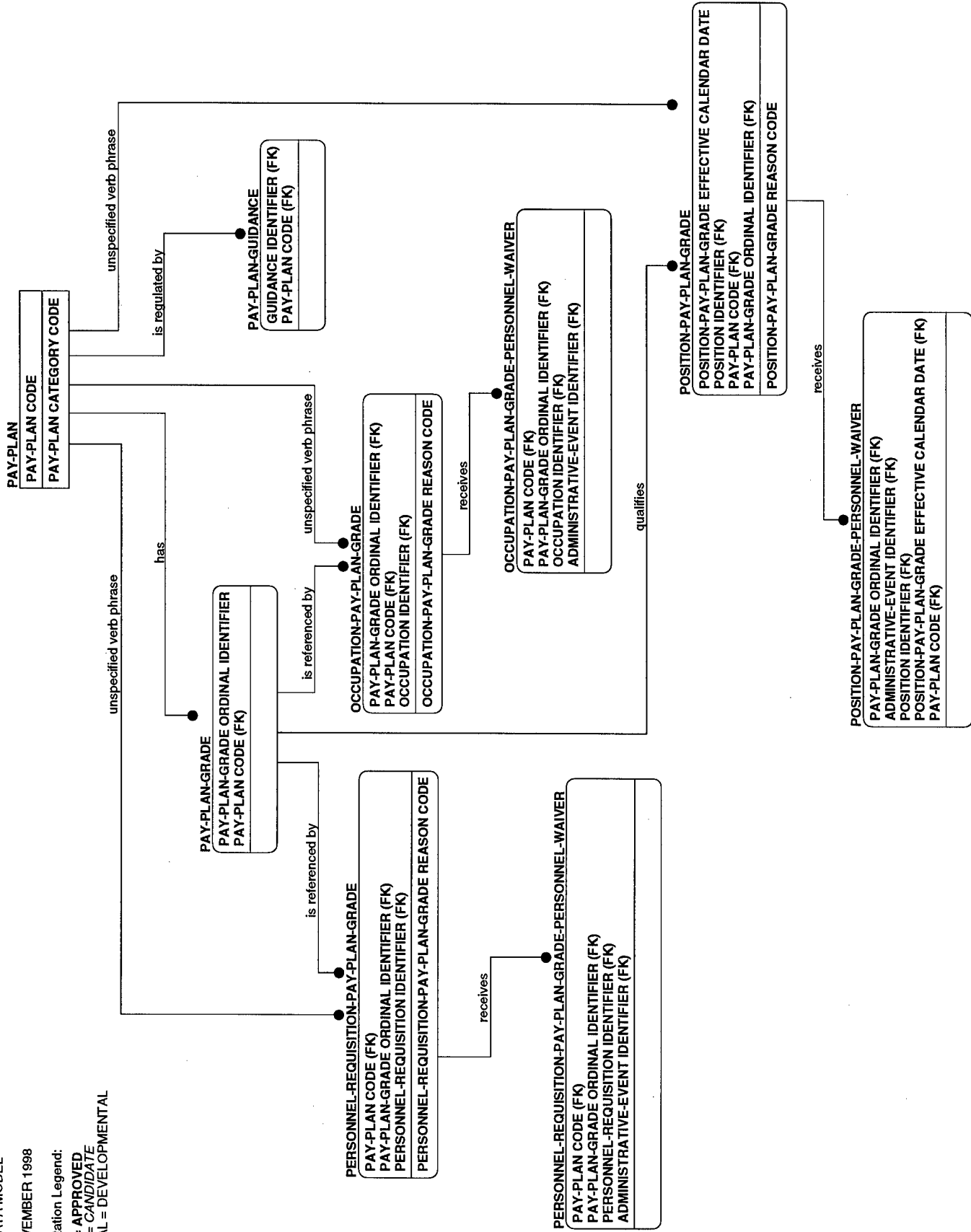
MILITARY-ORGANIZATION CODE (FK)

GEOLOCATION CODE (FK)

PLAN IDENTIFIER (FK)

OPERATIONS-PLAN-MILITARY-ORGANIZATION-GEOLOCATION-ASSOCIATION REPLACEMENT PERSONNEL PERCENTAGE RATE

OR-09



OR-10

DOD DATA MODEL

OR-10

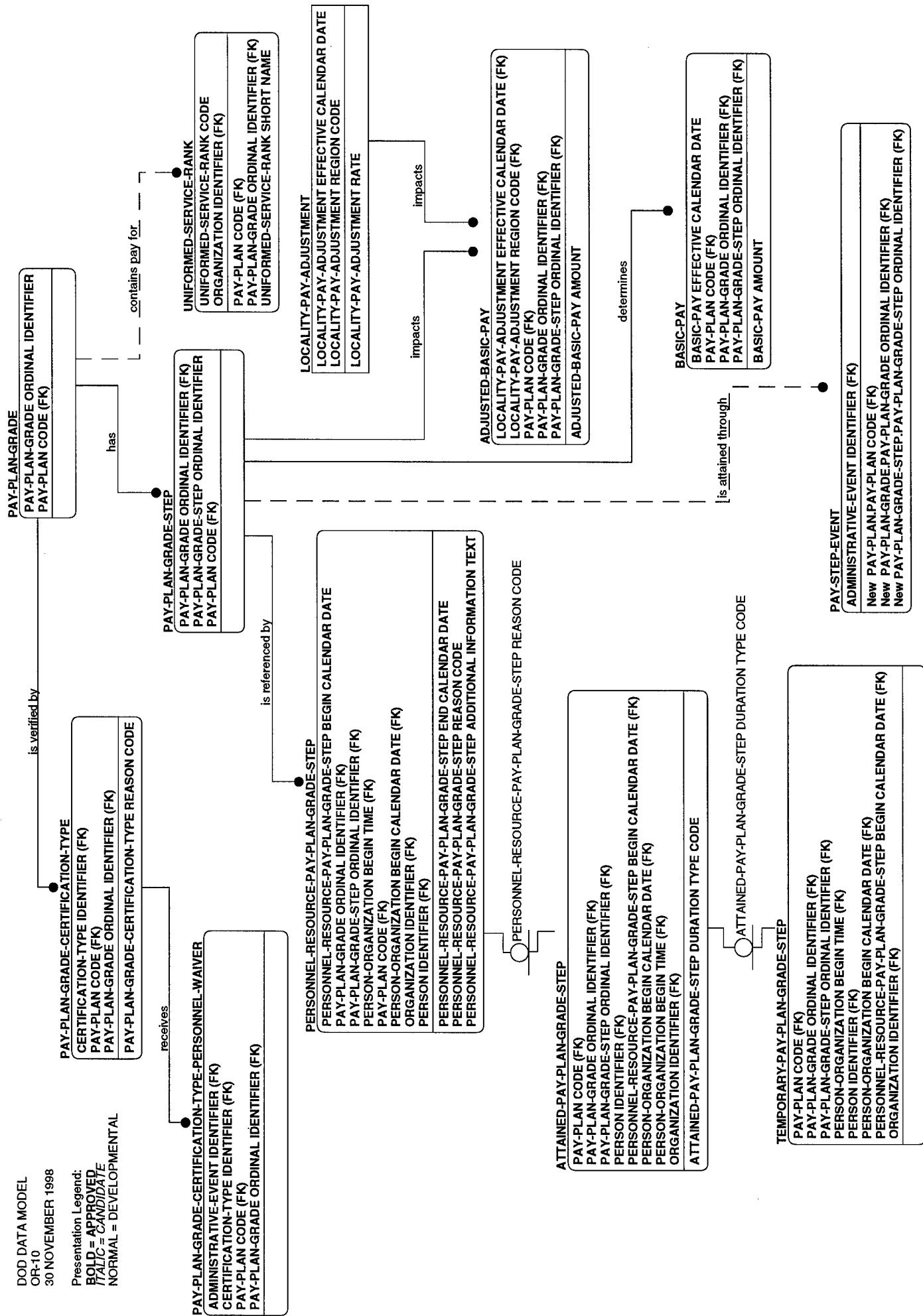
30 NOVEMBER 1998

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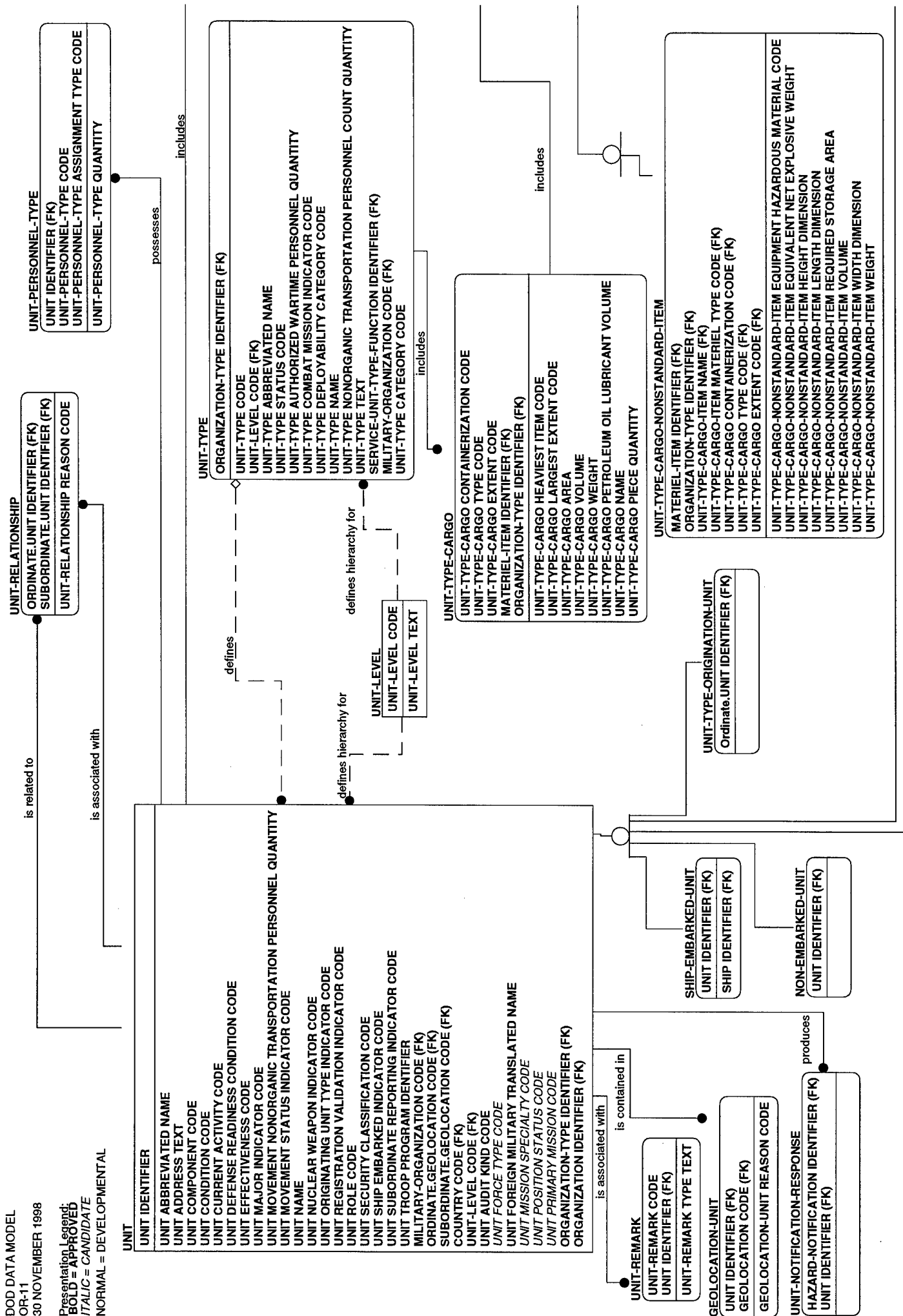
BOLD = APPROVED

ITALIC = CANDIDATE

NORMAL = DEVELOPMENTAL



OR-11



|                                           |  |
|-------------------------------------------|--|
| UNIT-MOVEMENT-CARGO                       |  |
| UNIT-MOVEMENT-CARGO CONTAINERIZATION CODE |  |
| UNIT-MOVEMENT-CARGO TYPE CODE             |  |
| UNIT-MOVEMENT-CARGO EXTENT CODE           |  |
| UNIT IDENTIFIER (FK)                      |  |
| MATERIEL-ITEM IDENTIFIER (FK)             |  |
| UNIT-MOVEMENT-CARGO HEAVIEST ITEM CODE    |  |
| UNIT-MOVEMENT-CARGO LARGEST EXTENT CODE   |  |

includes

|                                                |  |
|------------------------------------------------|--|
| UNIT-MOVEMENT-CARGO-ITEM                       |  |
| UNIT-MOVEMENT-CARGO CONTAINERIZATION CODE (FK) |  |
| UNIT-MOVEMENT-CARGO-ITEM NAME                  |  |
| UNIT-MOVEMENT-CARGO EXTENT CODE (FK)           |  |
| UNIT IDENTIFIER (FK)                           |  |
| UNIT-MOVEMENT-CARGO-ITEM MATERIEL TYPE CODE    |  |
| MATERIEL-ITEM IDENTIFIER (FK)                  |  |
| UNIT-MOVEMENT-CARGO TYPE CODE (FK)             |  |
| UNIT-MOVEMENT-CARGO-ITEM TYPE COUNT QUANTITY   |  |
| EQUIPMENT-TYPE IDENTIFIER (FK)                 |  |

is included in

|                                        |  |
|----------------------------------------|--|
| EQUIPMENT-TYPE IDENTIFIER              |  |
| EQUIPMENT-TYPE MODEL SERIES IDENTIFIER |  |
| EQUIPMENT-TYPE CARGO AREA              |  |
| EQUIPMENT-TYPE CARGO DESCRIPTION TEXT  |  |
| EQUIPMENT-TYPE CARGO HEIGHT DIMENSION  |  |
| EQUIPMENT-TYPE CARGO LENGTH DIMENSION  |  |
| EQUIPMENT-TYPE CARGO VOLUME            |  |
| EQUIPMENT-TYPE CARGO WEIGHT            |  |
| EQUIPMENT-TYPE CARGO WIDTH DIMENSION   |  |
| MATERIEL-ITEM IDENTIFIER (FK)          |  |

is included in

|                                            |  |
|--------------------------------------------|--|
| UNIT-TYPE-CARGO-ITEM                       |  |
| UNIT-TYPE-CARGO-ITEM NAME                  |  |
| UNIT-TYPE-CARGO CONTAINERIZATION CODE (FK) |  |
| UNIT-TYPE-CARGO TYPE CODE (FK)             |  |
| UNIT-TYPE-CARGO EXTENT CODE (FK)           |  |
| MATERIEL-ITEM IDENTIFIER (FK)              |  |
| ORGANIZATION-TYPE IDENTIFIER (FK)          |  |
| UNIT-TYPE-CARGO-ITEM TYPE QUANTITY         |  |
| EQUIPMENT-TYPE IDENTIFIER (FK)             |  |

UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM

|                                                                        |  |
|------------------------------------------------------------------------|--|
| UNIT-MOVEMENT-CARGO CONTAINERIZATION CODE (FK)                         |  |
| UNIT-MOVEMENT-CARGO-ITEM NAME (FK)                                     |  |
| UNIT-MOVEMENT-CARGO EXTENT CODE (FK)                                   |  |
| MATERIEL-ITEM IDENTIFIER (FK)                                          |  |
| UNIT IDENTIFIER (FK)                                                   |  |
| UNIT-MOVEMENT-CARGO-ITEM MATERIEL TYPE CODE (FK)                       |  |
| UNIT-MOVEMENT-CARGO TYPE CODE (FK)                                     |  |
| UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM EQUIPMENT HAZARDOUS MATERIAL CODE |  |
| UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM EQUIVALENT NET EXPLOSIVE WEIGHT   |  |
| UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM HEIGHT DIMENSION                  |  |
| UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM LENGTH DIMENSION                  |  |
| UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM REQUIRED STORAGE AREA             |  |
| UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM VOLUME                            |  |
| UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM WIDTH DIMENSION                   |  |
| UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM WEIGHT                            |  |

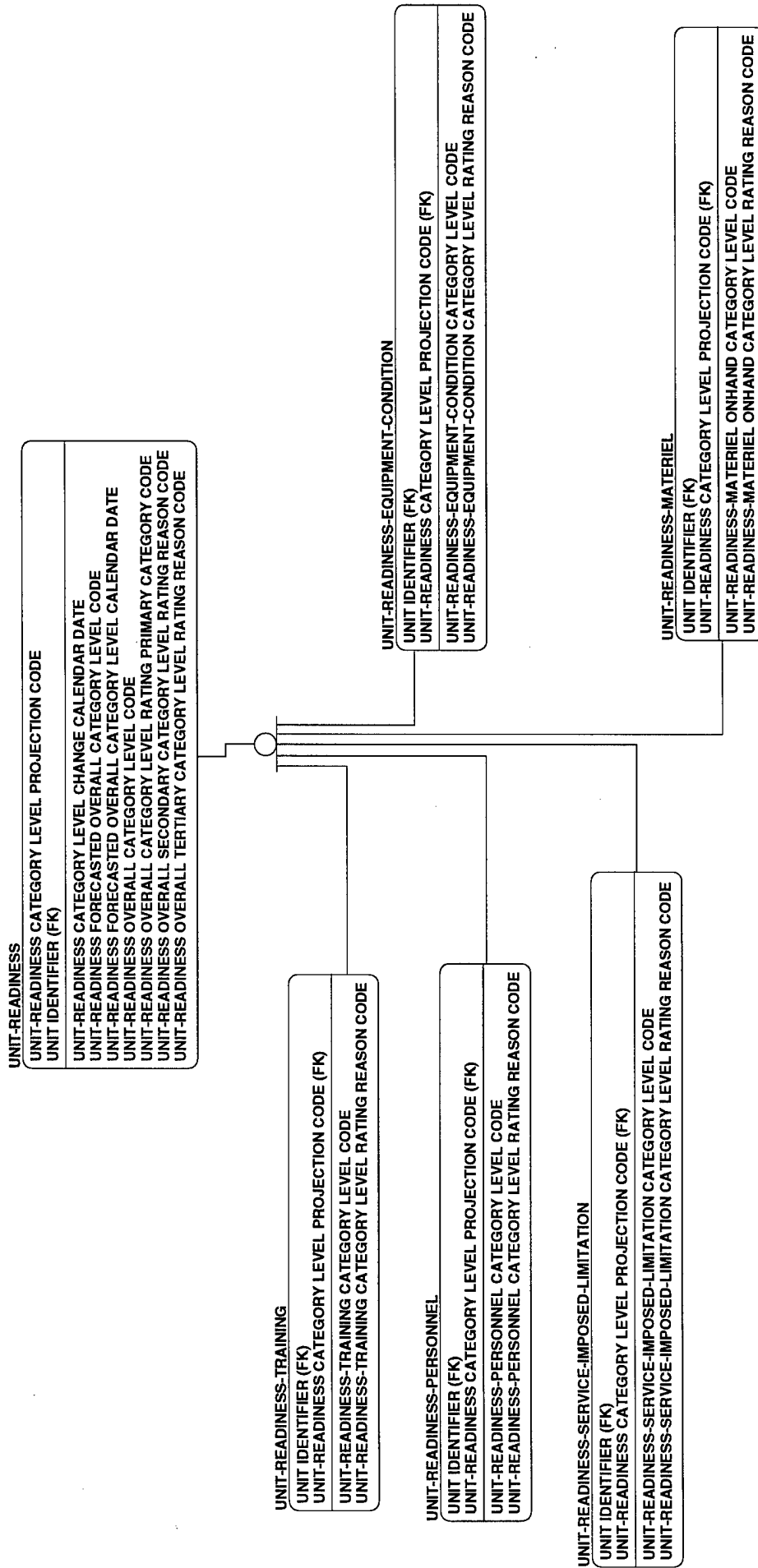
TRANSFERRING-UNIT

|                                                     |  |
|-----------------------------------------------------|--|
| UNIT IDENTIFIER (FK)                                |  |
| TRANSFERRING-UNIT DESTINATION ARRIVAL CALENDAR DATE |  |
| TRANSFERRING-UNIT DEPARTURE CALENDAR DATE           |  |
| TRANSFERRING-UNIT EFFECTIVE CALENDAR DATE           |  |

RESERVE-EXTENDED-ACTIVE-DUTY-UNIT

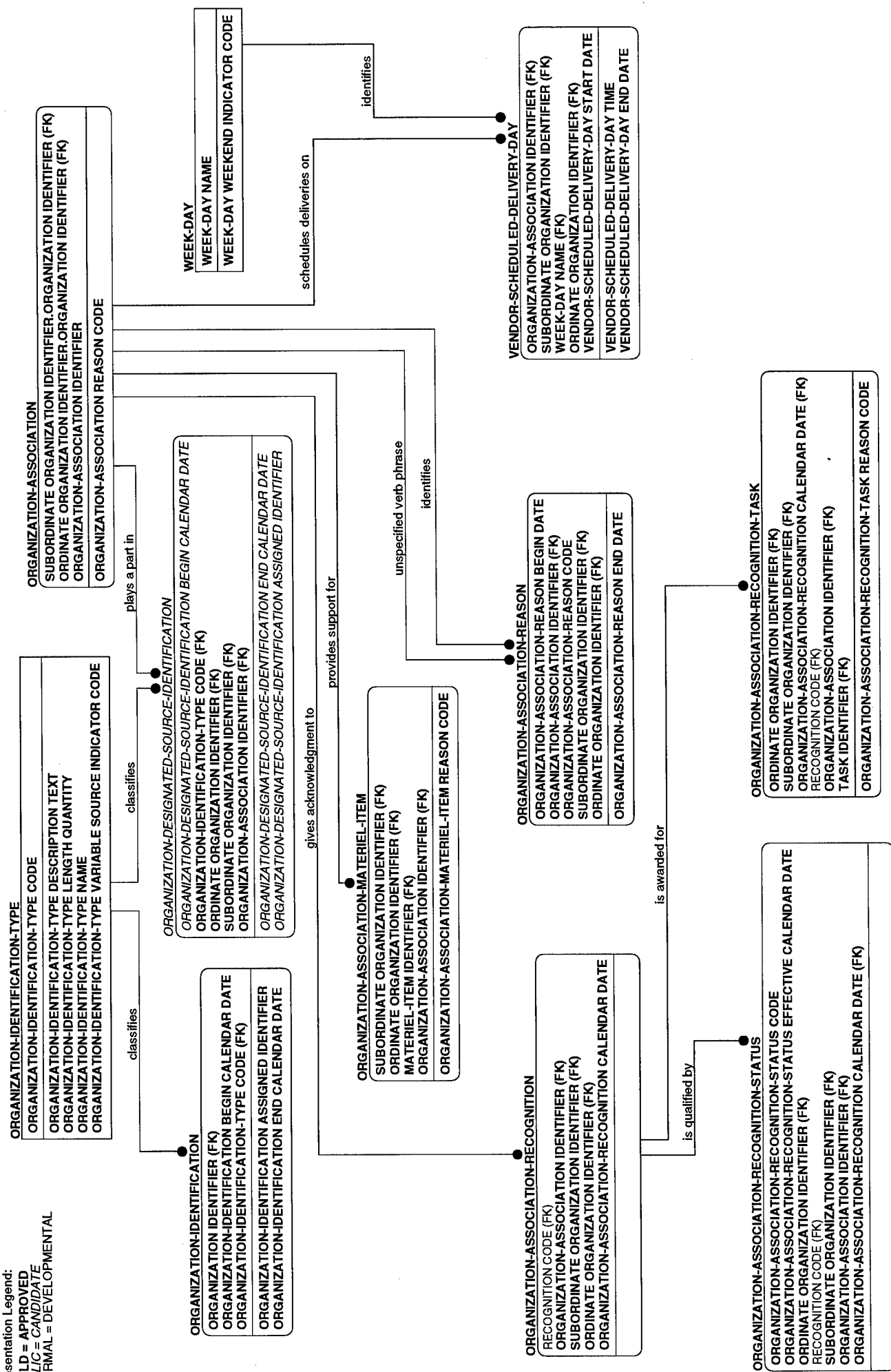
|                                                                      |  |
|----------------------------------------------------------------------|--|
| UNIT IDENTIFIER (FK)                                                 |  |
| RESERVE-EXTENDED-ACTIVE-DUTY-UNIT MILITARY ACTIVITY CODE             |  |
| RESERVE-EXTENDED-ACTIVE-DUTY-UNIT MOBILIZATION RELATIVE DAY QUANTITY |  |
| RESERVE-EXTENDED-ACTIVE-DUTY-UNIT ORDERED CALENDAR DATE              |  |
| RESERVE-EXTENDED-ACTIVE-DUTY-UNIT RELEASE CALENDAR DATE              |  |

OR-12



OR-13

**NORMAL = DEVELOPMENTAL**



OR-14

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NORMAL = DEVELOPMENTAL



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30 NOVEMBER 1998

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NORMAL = DEVELOPMENTAL

| ORGANIZATION                                |  |
|---------------------------------------------|--|
| ORGANIZATION IDENTIFIER                     |  |
| ORGANIZATION-ECHOLON-TYPE CODE (FK)         |  |
| ORGANIZATION TYPE CODE                      |  |
| ORGANIZATION DESCRIPTION TEXT               |  |
| ORGANIZATION CLASSIFICATION CODE            |  |
| ORGANIZATION VENDOR INDICATOR CODE          |  |
| ORGANIZATION CATEGORY CODE                  |  |
| ORGANIZATION DURATION TYPE CODE             |  |
| ORGANIZATION PRIMARY ACTIVITY CODE          |  |
| ORGANIZATION PRIMARY INDUSTRY CATEGORY CODE |  |
| ORGANIZATION ADMINISTRATIVE LOSS RATE       |  |
| ORGANIZATION FRIEND FOE CODE                |  |
| ORGANIZATION STREET ADDRESS TEXT            |  |
| ORGANIZATION COUNTRY CODE                   |  |
| ORGANIZATION CITY NAME                      |  |
| ORGANIZATION ENTERPRISE TYPE CODE           |  |
| ORGANIZATION-TYPE IDENTIFIER (FK)           |  |
| ORGANIZATION NUCLEAR CAPABILITY CODE        |  |
| ORGANIZATION ORDER OF BATTLE TYPE CODE      |  |
| FORCE-ACTIVITY-DESIGNATOR CODE (FK)         |  |
| COUNTRY CODE (FK)                           |  |

| SELECTION-CRITERION                  |  |
|--------------------------------------|--|
| SELECTION-CRITERION CODE             |  |
| SELECTION-CRITERION DESCRIPTION TEXT |  |

provides basis for

has

is comprised of

| ORGANIZATION-SELECTION-CRITERION               |  |
|------------------------------------------------|--|
| SELECTION-CRITERION CODE (FK)                  |  |
| ORGANIZATION IDENTIFIER (FK)                   |  |
| ORGANIZATION-SELECTION-CRITERION CATEGORY CODE |  |

is maintained by

unspecified verb phrase

| ORGANIZATION-POSITION                           |  |
|-------------------------------------------------|--|
| ORGANIZATION IDENTIFIER (FK)                    |  |
| POSITION IDENTIFIER (FK)                        |  |
| ORGANIZATION-POSITION ACQUISITION POSITION CODE |  |

underlying basis of

participates-in

constrained by

| ORGANIZATION-POSITION-ACTIVITY-ICOM-MECHANISM |  |
|-----------------------------------------------|--|
| ORGANIZATION-POSITION-ACTIVITY-ICOM-MECHANISM |  |
| ORGANIZATION IDENTIFIER (FK)                  |  |
| POSITION IDENTIFIER (FK)                      |  |
| ACTIVITY-MODEL (FK)                           |  |
| ICOM IDENTIFIER (FK)                          |  |
| PROCESS-ACTIVITY (FK)                         |  |
| ICOM VERSION IDENTIFIER (FK)                  |  |
| INFORMATION-ASSET VERSION IDENTIFIER (FK)     |  |

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ORGANIZATION-POSITION-REASON

| ORGANIZATION-POSITION-REASON                     |  |
|--------------------------------------------------|--|
| ORGANIZATION-POSITION-REASON BEGIN CALENDAR DATE |  |
| ORGANIZATION-POSITION-REASON CODE                |  |
| ORGANIZATION IDENTIFIER (FK)                     |  |
| POSITION IDENTIFIER (FK)                         |  |
| ORGANIZATION-POSITION-REASON END CALENDAR DATE   |  |

receives

ORGANIZATION-POSITION-AFFILIATION-REQUIREMENT-PERSONNEL-WAIVER

| ORGANIZATION-POSITION-AFFILIATION-REQUIREMENT-PERSONNEL-WAIVER                |  |
|-------------------------------------------------------------------------------|--|
| ORGANIZATION IDENTIFIER (FK)                                                  |  |
| ADMINISTRATIVE-EVENT IDENTIFIER (FK)                                          |  |
| POSITION IDENTIFIER (FK)                                                      |  |
| ORGANIZATION-POSITION-AFFILIATION-REQUIREMENT RELATIONSHIP CATEGORY CODE (FK) |  |

unspecified verb phrase

POSITION

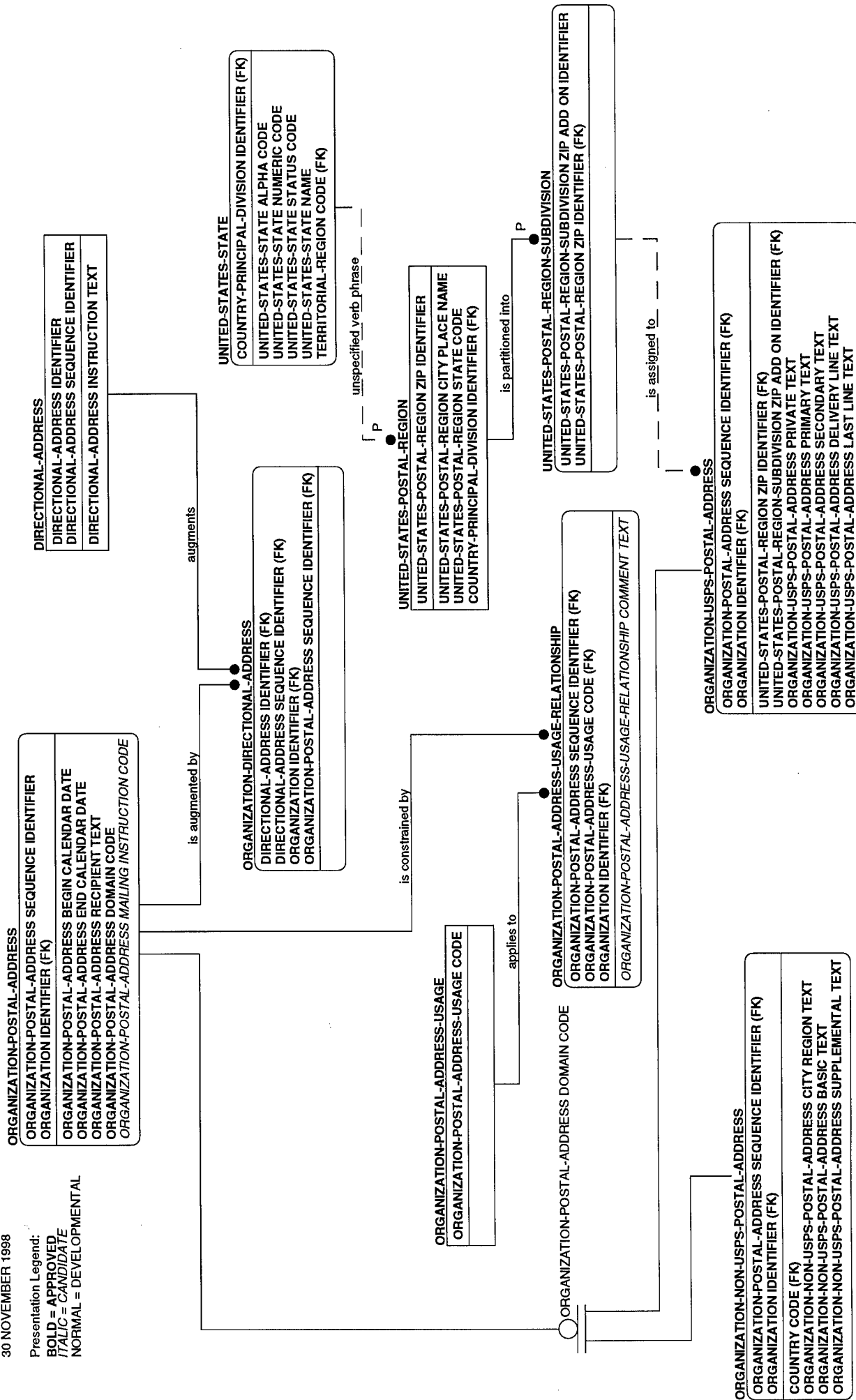
| POSITION                                      |  |
|-----------------------------------------------|--|
| POSITION IDENTIFIER                           |  |
| UNIFORMED-SERVICE-POSITION-CATEGORY CODE (FK) |  |
| POSITION APPOINTMENT TYPE CODE                |  |
| POSITION DEPENDENT TRAVEL CODE                |  |
| POSITION DURATION TYPE CODE                   |  |
| POSITION MANNING CODE                         |  |
| POSITION MOBILIZATION REQUIREMENT CODE        |  |
| POSITION NAME                                 |  |
| POSITION PEACETIME REQUIREMENT CODE           |  |
| POSITION TRAVEL FREQUENCY REQUIREMENT CODE    |  |
| POSITION TYPE CODE                            |  |
| POSITION SCHEDULE TYPE CODE                   |  |
| POSITION WORK SCHEDULE QUANTITY               |  |
| POSITION DESCRIPTION TEXT                     |  |

ORGANIZATION-POSITION-AFFILIATION-REQUIREMENT

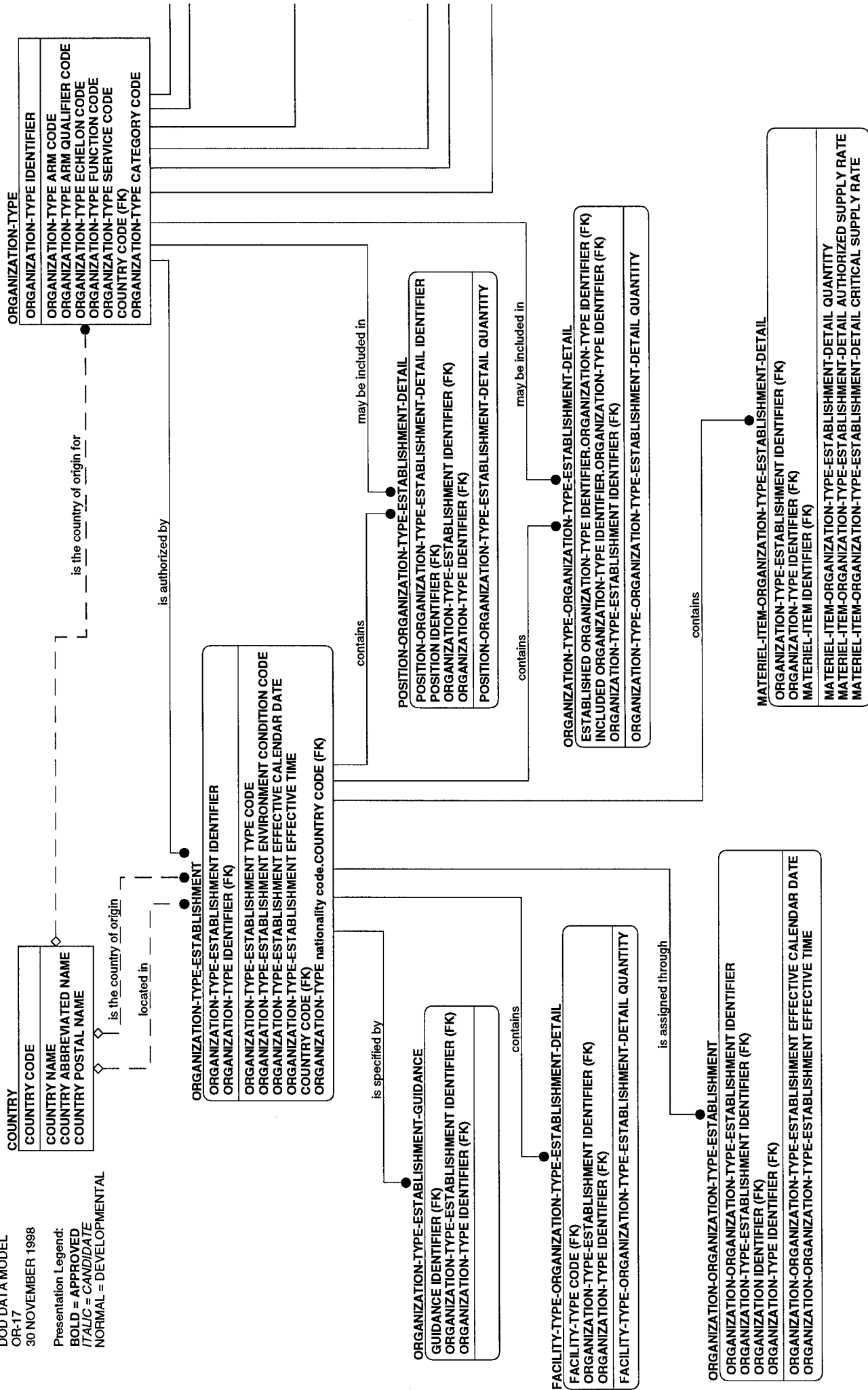
| ORGANIZATION-POSITION-AFFILIATION-REQUIREMENT                            |  |
|--------------------------------------------------------------------------|--|
| ORGANIZATION-POSITION-AFFILIATION-REQUIREMENT RELATIONSHIP CATEGORY CODE |  |
| POSITION IDENTIFIER (FK)                                                 |  |
| ORGANIZATION IDENTIFIER (FK)                                             |  |
| ORGANIZATION-POSITION-AFFILIATION-REQUIREMENT TYPE CODE                  |  |

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NORMAL = DEVELOPMENTAL



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Presentation Legend:  
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*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

**TERRITORIAL-SERVICE**

|                                                      |
|------------------------------------------------------|
| <b>TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE</b> |
| <b>TERRITORIAL-SERVICE SEQUENCE IDENTIFIER</b>       |
| <b>ORGANIZATION IDENTIFIER (FK)</b>                  |
| <b>TENDER IDENTIFIER (FK)</b>                        |
| <b>TENDER SUPPLEMENT IDENTIFIER (FK)</b>             |
| <b>TERRITORIAL-SERVICE APPLICATION CODE</b>          |

**TERRITORIAL-SERVICE-E-ASSESSMENT**

|                                                           |
|-----------------------------------------------------------|
| <b>TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK)</b> |
| <b>TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)</b>       |
| <b>ORGANIZATION IDENTIFIER (FK)</b>                       |
| <b>TENDER IDENTIFIER (FK)</b>                             |
| <b>TENDER SUPPLEMENT IDENTIFIER (FK)</b>                  |

**TERRITORIAL-SERVICE-B-ASSESSMENT**

|                                                               |
|---------------------------------------------------------------|
| <b>TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK)</b>     |
| <b>TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)</b>           |
| <b>ORGANIZATION IDENTIFIER (FK)</b>                           |
| <b>TENDER IDENTIFIER (FK)</b>                                 |
| <b>TENDER SUPPLEMENT IDENTIFIER (FK)</b>                      |
| <b>TERRITORIAL-SERVICE-B-ASSESSMENT RAIL INCENTIVE AMOUNT</b> |

reference

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**TERRITORIAL-SERVICE-B-ASSESSMENT-DETAIL**

|                                                                         |
|-------------------------------------------------------------------------|
| <b>TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK)</b>               |
| <b>TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)</b>                     |
| <b>ORGANIZATION IDENTIFIER (FK)</b>                                     |
| <b>TENDER IDENTIFIER (FK)</b>                                           |
| <b>TENDER SUPPLEMENT IDENTIFIER (FK)</b>                                |
| <b>TERRITORIAL-SERVICE-B-ASSESSMENT-DETAIL MINIMUM WEIGHT</b>           |
| <b>TERRITORIAL-SERVICE-B-ASSESSMENT-DETAIL MINIMUM QUANTITY</b>         |
| <b>TERRITORIAL-SERVICE-B-ASSESSMENT-DETAIL MINIMUM VEHICLE QUANTITY</b> |
| <b>TERRITORIAL-SERVICE-B-ASSESSMENT-DETAIL CHARGE AMOUNT</b>            |

**TERRITORIAL-SERVICE-D-ASSESSMENT**

|                                                                       |
|-----------------------------------------------------------------------|
| <b>TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK)</b>             |
| <b>TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)</b>                   |
| <b>ORGANIZATION IDENTIFIER (FK)</b>                                   |
| <b>TENDER IDENTIFIER (FK)</b>                                         |
| <b>TENDER SUPPLEMENT IDENTIFIER (FK)</b>                              |
| <b>TERRITORIAL-SERVICE-D-ASSESSMENT FREIGHT ALL KINDS CHARGE RATE</b> |
| <b>TERRITORIAL-SERVICE-D-ASSESSMENT OTHER COMMODITY CHARGE RATE</b>   |
| <b>TERRITORIAL-SERVICE-D-ASSESSMENT MINIMUM CHARGE RATE</b>           |

**TERRITORIAL-SERVICE-A-ASSESSMENT**

|                                                           |
|-----------------------------------------------------------|
| <b>TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK)</b> |
| <b>TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)</b>       |
| <b>ORGANIZATION IDENTIFIER (FK)</b>                       |
| <b>TENDER IDENTIFIER (FK)</b>                             |
| <b>TENDER SUPPLEMENT IDENTIFIER (FK)</b>                  |

**TERRITORIAL-SERVICE-C-ASSESSMENT**

|                                                           |
|-----------------------------------------------------------|
| <b>TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK)</b> |
| <b>TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)</b>       |
| <b>ORGANIZATION IDENTIFIER (FK)</b>                       |
| <b>TENDER IDENTIFIER (FK)</b>                             |
| <b>TENDER SUPPLEMENT IDENTIFIER (FK)</b>                  |

reference

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**TERRITORIAL-SERVICE-C-ASSESSMENT-DETAIL**

|                                                                    |
|--------------------------------------------------------------------|
| <b>TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK)</b>          |
| <b>TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)</b>                |
| <b>TERRITORIAL-SERVICE-C-ASSESSMENT-DETAIL SEQUENCE IDENTIFIER</b> |
| <b>ORGANIZATION IDENTIFIER (FK)</b>                                |
| <b>TENDER IDENTIFIER (FK)</b>                                      |
| <b>TENDER SUPPLEMENT IDENTIFIER (FK)</b>                           |
| <b>TERRITORIAL-SERVICE-C-ASSESSMENT-DETAIL MINIMUM QUANTITY</b>    |

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30 NOVEMBER 1998

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TERRITORIAL-SERVICE-E-ASSESSMENT

TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK)  
TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)  
ORGANIZATION IDENTIFIER (FK)  
TENDER IDENTIFIER (FK)  
TENDER SUPPLEMENT IDENTIFIER (FK)

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## RAIL-GALLON-ASSESSMENT

|                                                    |
|----------------------------------------------------|
| TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK) |
| RAIL-GALLON-ASSESSMENT CODE                        |
| TERRITORIAL-SERVICE-MILEAGE-BRACKET CODE (FK)      |
| TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)       |
| ORGANIZATION IDENTIFIER (FK)                       |
| TENDER IDENTIFIER (FK)                             |
| TENDER SUPPLEMENT IDENTIFIER (FK)                  |
| RAIL-GALLON-ASSESSMENT CHARGE AMOUNT               |

## TRUCK-POUND-ASSESSMENT

|                                                    |
|----------------------------------------------------|
| TERRITORIAL_SERVICE_ASSESSMENT_QUALIFIER_CODE (FK) |
| TRUCK-POUND-ASSESSMENT_CODE                        |
| TERRITORIAL_SERVICE-MILEAGE-BRACKET_CODE (FK)      |
| TERRITORIAL_SERVICE_SEQUENCE_IDENTIFIER (FK)       |
| ORGANIZATION_IDENTIFIER (FK)                       |
| TENDER_IDENTIFIER (FK)                             |
| TENDER_SUPPLEMENT_IDENTIFIER (FK)                  |
| TRUCK-POUND-ASSESSMENT_CHARGE_AMOUNT               |

## TRUCK-GALLON-ASSESSMENT

|                                                    |
|----------------------------------------------------|
| TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK) |
| TRUCK-GALLON-ASSESSMENT CODE                       |
| TERRITORIAL-SERVICE-MILEAGE-BRACKET CODE (FK)      |
| TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)       |
| ORGANIZATION IDENTIFIER (FK)                       |
| TENDER IDENTIFIER (FK)                             |
| TENDER SUPPLEMENT IDENTIFIER (FK)                  |
| TRUCK-GALLON-ASSESSMENT CHARGE AMOUNT              |

## RAIL-POUND-ASSESSMENT

|   |                                                    |
|---|----------------------------------------------------|
| 1 | TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK) |
| 2 | RAIL-POUND-ASSESSMENT CODE                         |
| 3 | TERRITORIAL-SERVICE-MILEAGE-BRACKET CODE (FK)      |
| 4 | TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)       |
| 5 | ORGANIZATION IDENTIFIER (FK)                       |
| 6 | TENDER IDENTIFIER (FK)                             |
| 7 | TENDER SUPPLEMENT IDENTIFIER (FK)                  |
| 8 | RAIL-POUND-ASSESSMENT CHARGE AMOUNT                |

TERRITORIAL -SERVICE-E-ASSESSMENT-MII EAGE

|                                                                |
|----------------------------------------------------------------|
| TERRITORIAL SERVICE ASSESSMENT QUALIFIER CODE (FK)             |
| TERRITORIAL-SERVICE-MILEAGE-BRACKET CODE (FK)                  |
| TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)                   |
| ORGANIZATION IDENTIFIER (FK)                                   |
| TENDER IDENTIFIER (FK)                                         |
| TENDER SUPPLEMENT IDENTIFIER (FK)                              |
| TERRITORIAL-SERVICE-E-ASSESSMENT-MILEAGE RAIL INCENTIVE AMOUNT |

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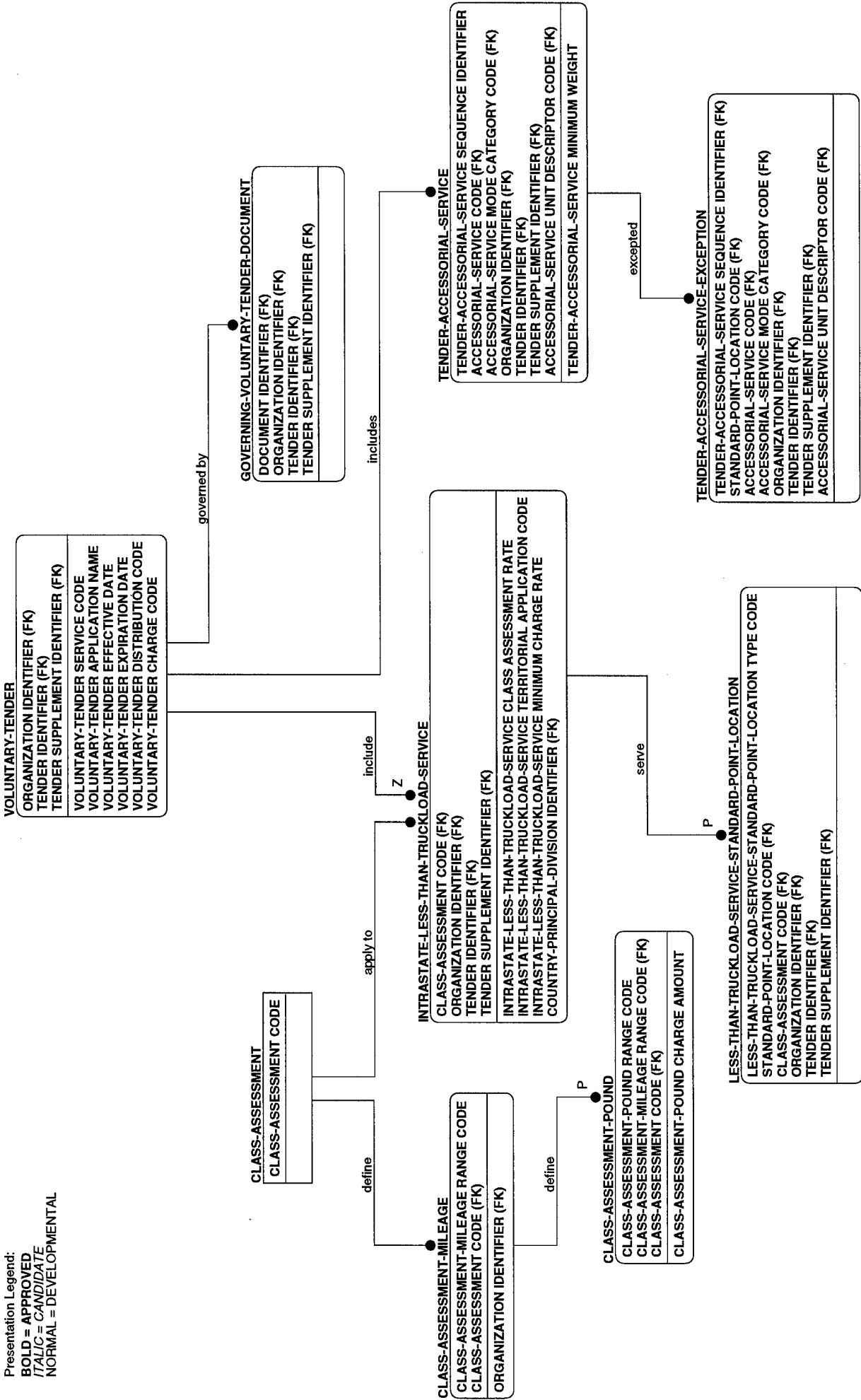
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NORMAL = DEVELOPMENTAL



OR-21

**VOLUNTARY-TENDER**

|                                    |
|------------------------------------|
| ORGANIZATION IDENTIFIER (FK)       |
| TENDER IDENTIFIER (FK)             |
| TENDER SUPPLEMENT IDENTIFIER (FK)  |
| VOLUNTARY-TENDER SERVICE CODE      |
| VOLUNTARY-TENDER APPLICATION NAME  |
| VOLUNTARY-TENDER EFFECTIVE DATE    |
| VOLUNTARY-TENDER EXPIRATION DATE   |
| VOLUNTARY-TENDER DISTRIBUTION CODE |
| VOLUNTARY-TENDER CHARGE CODE       |

offer

**VOLUNTARY-TENDER-OFFERED-EQUIPMENT-TYPE**

|                                                              |
|--------------------------------------------------------------|
| VOLUNTARY-TENDER-OFFERED-EQUIPMENT-TYPE IDENTIFIER           |
| ORGANIZATION IDENTIFIER (FK)                                 |
| TENDER IDENTIFIER (FK)                                       |
| TENDER SUPPLEMENT IDENTIFIER (FK)                            |
| TRANSPORTATION-EQUIPMENT-TYPE CODE (FK)                      |
| VOLUNTARY-TENDER-OFFERED-EQUIPMENT-TYPE LENGTH DIMENSION     |
| VOLUNTARY-TENDER-OFFERED-EQUIPMENT-TYPE LOAD CAPACITY WEIGHT |
| VOLUNTARY-TENDER-OFFERED-EQUIPMENT-TYPE VOLUME               |
| VOLUNTARY-TENDER-OFFERED-EQUIPMENT-TYPE AXLE QUANTITY        |

include

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**POINT-TO-POINT-SERVICE**

|                                                  |
|--------------------------------------------------|
| POINT-TO-POINT-SERVICE ASSESSMENT QUALIFIER CODE |
| ORGANIZATION IDENTIFIER (FK)                     |
| TENDER IDENTIFIER (FK)                           |
| TENDER SUPPLEMENT IDENTIFIER (FK)                |

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**POINT-TO-POINT-ASSESSMENT**

|                                                                                       |
|---------------------------------------------------------------------------------------|
| TO POINT-TO-POINT-RATE STANDARD-POINT-LOCATION code.STANDARD-POINT-LOCATION CODE (FK) |
| POINT-TO-POINT-ASSESSMENT SEQUENCE IDENTIFIER                                         |
| POINT-TO-POINT-SERVICE ASSESSMENT QUALIFIER CODE (FK)                                 |
| FROM POINT-TO-POINT STANDARD-POINT-LOCATION code.STANDARD-POINT-LOCATION CODE (FK)    |
| ORGANIZATION IDENTIFIER (FK)                                                          |
| TENDER IDENTIFIER (FK)                                                                |
| TENDER SUPPLEMENT IDENTIFIER (FK)                                                     |
| POINT-TO-POINT-ASSESSMENT CHARGE AMOUNT                                               |
| POINT-TO-POINT-ASSESSMENT APPLICATION CODE                                            |

reference

referenced by

serve

include

**INTRASTATE-TRUCKLOAD-SERVICE**

|                                                           |
|-----------------------------------------------------------|
| INTRASTATE-TRUCKLOAD-SERVICE SEQUENCE IDENTIFIER          |
| INTRASTATE-TRUCKLOAD-SERVICE ASSESSMENT QUALIFIER CODE    |
| ORGANIZATION IDENTIFIER (FK)                              |
| TENDER IDENTIFIER (FK)                                    |
| TENDER SUPPLEMENT IDENTIFIER (FK)                         |
| INTRASTATE-TRUCKLOAD-SERVICE MINIMUM WEIGHT               |
| INTRASTATE-TRUCKLOAD-SERVICE TERRITORIAL APPLICATION CODE |
| COUNTRY-PRINCIPAL-DIVISION IDENTIFIER (FK)                |

**INTERSTATE-COMMERCE-COMMISSION-OPERATING-AUTHORITY**

|                                                                        |
|------------------------------------------------------------------------|
| INTERSTATE-COMMERCE-COMMISSION-OPERATING-AUTHORITY IDENTIFIER          |
| ORGANIZATION IDENTIFIER (FK)                                           |
| INTERSTATE-COMMERCE-COMMISSION-OPERATING-AUTHORITY ISSUE CALENDAR DATE |

**VOLUNTARY-TENDER-OPERATING-AUTHORITY**

|                                                                    |
|--------------------------------------------------------------------|
| INTERSTATE-COMMERCE-COMMISSION-OPERATING-AUTHORITY IDENTIFIER (FK) |
| ORGANIZATION IDENTIFIER (FK)                                       |
| TENDER IDENTIFIER (FK)                                             |
| TENDER SUPPLEMENT IDENTIFIER (FK)                                  |

**POINT-TO-POINT-SERVICE-MINIMUM**

|                                                       |
|-------------------------------------------------------|
| POINT-TO-POINT-SERVICE-MINIMUM SEQUENCE IDENTIFIER    |
| POINT-TO-POINT-SERVICE ASSESSMENT QUALIFIER CODE (FK) |
| ORGANIZATION IDENTIFIER (FK)                          |
| TENDER IDENTIFIER (FK)                                |
| TENDER SUPPLEMENT IDENTIFIER (FK)                     |
| POINT-TO-POINT-SERVICE-MINIMUM WEIGHT                 |
| POINT-TO-POINT-SERVICE-MINIMUM VOLUME                 |
| POINT-TO-POINT-SERVICE-MINIMUM QUANTITY               |

**TRUCKLOAD-SERVICE-STANDARD-POINT-LOCATION**

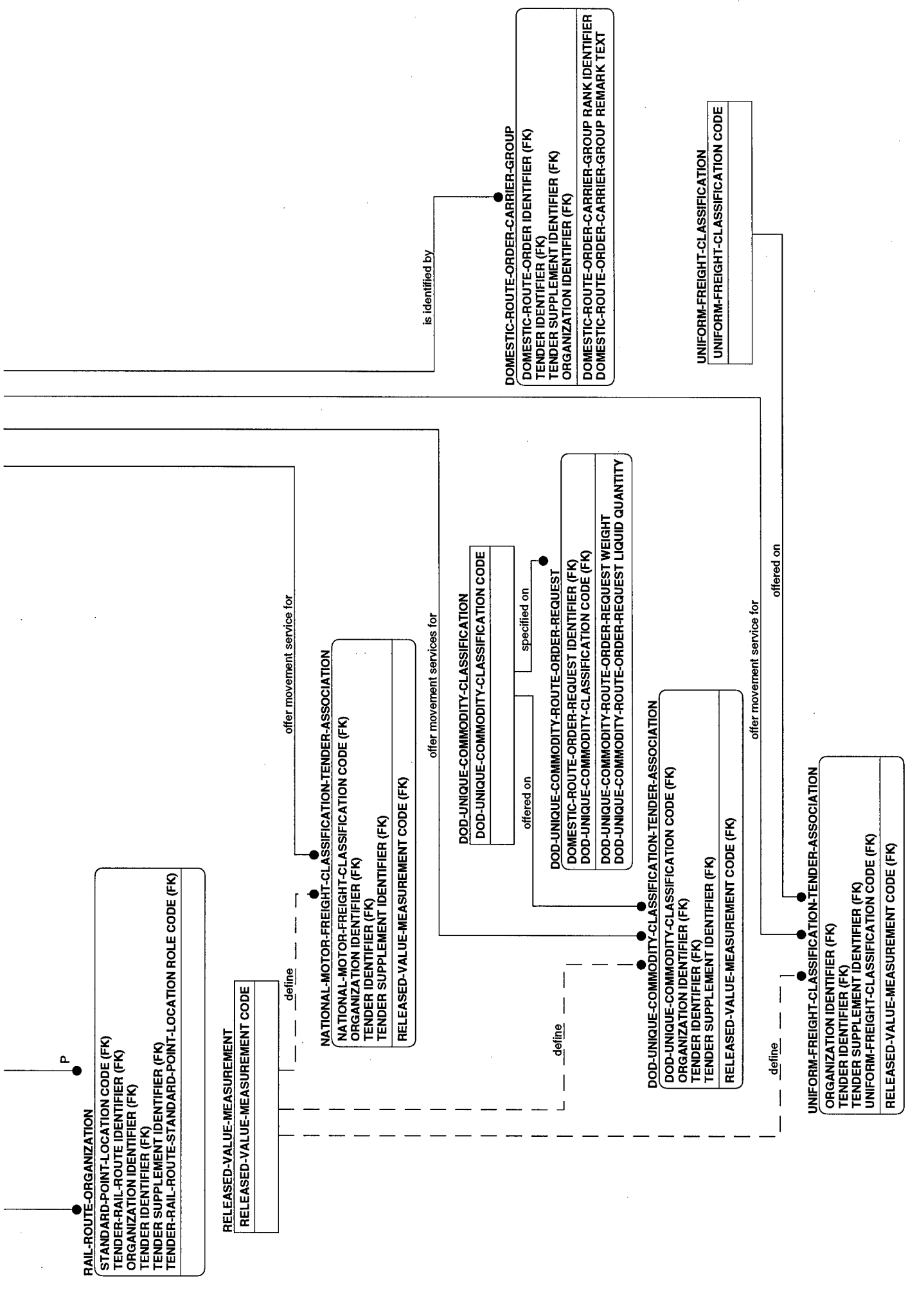
|                                                             |
|-------------------------------------------------------------|
| TRUCKLOAD-SERVICE-STANDARD-POINT-LOCATION ROLE CODE         |
| INTRASTATE-TRUCKLOAD-SERVICE ASSESSMENT QUALIFIER CODE (FK) |
| STANDARD-POINT-LOCATION CODE (FK)                           |
| INTRASTATE-TRUCKLOAD-SERVICE SEQUENCE IDENTIFIER (FK)       |
| ORGANIZATION IDENTIFIER (FK)                                |
| TENDER IDENTIFIER (FK)                                      |
| TENDER SUPPLEMENT IDENTIFIER (FK)                           |

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OR-22

**NORMAL = DEVELOPMENTAL**





OR-23

| ORGANIZATION                                |  |
|---------------------------------------------|--|
| ORGANIZATION IDENTIFIER                     |  |
| ORGANIZATION-ECHOLON-TYPE CODE (FK)         |  |
| ORGANIZATION TYPE CODE                      |  |
| ORGANIZATION DESCRIPTION TEXT               |  |
| ORGANIZATION CLASSIFICATION CODE            |  |
| ORGANIZATION VENDOR INDICATOR CODE          |  |
| ORGANIZATION CATEGORY CODE                  |  |
| ORGANIZATION DURATION TYPE CODE             |  |
| ORGANIZATION PRIMARY ACTIVITY CODE          |  |
| ORGANIZATION PRIMARY INDUSTRY CATEGORY CODE |  |
| ORGANIZATION ADMINISTRATIVE LOSS RATE       |  |
| ORGANIZATION FRIEND FOE CODE                |  |
| ORGANIZATION STREET ADDRESS TEXT            |  |
| ORGANIZATION COUNTRY NAME                   |  |
| ORGANIZATION CITY NAME                      |  |
| ORGANIZATION ENTERPRISE TYPE CODE           |  |
| ORGANIZATION-TYPE IDENTIFIER (FK)           |  |
| ORGANIZATION NUCLEAR CAPABILITY CODE        |  |
| ORGANIZATION ORDER OF BATTLE TYPE CODE      |  |
| FORCE-ACTIVITY-DESIGNATOR CODE (FK)         |  |
| COUNTRY CODE (FK)                           |  |

| TRANSPORTATION-EQUIPMENT-TYPE      |  |
|------------------------------------|--|
| TRANSPORTATION-EQUIPMENT-TYPE CODE |  |

produce

own

secured by

| TRANSPORTATION-EQUIPMENT                      |  |
|-----------------------------------------------|--|
| TRANSPORTATION-EQUIPMENT IDENTIFIER           |  |
| ORGANIZATION IDENTIFIER (FK)                  |  |
| TRANSPORTATION-EQUIPMENT-TYPE CODE (FK)       |  |
| TRANSPORTATION-EQUIPMENT LENGTH DIMENSION     |  |
| TRANSPORTATION-EQUIPMENT LOAD CAPACITY WEIGHT |  |
| TRANSPORTATION-EQUIPMENT TARE WEIGHT          |  |
| TRANSPORTATION-EQUIPMENT INTERNAL VOLUME      |  |
| TRANSPORTATION-EQUIPMENT AXLE QUANTITY        |  |
| TRANSPORTATION-EQUIPMENT DESCRIPTION TEXT     |  |

TRANSPORTATION-EQUIPMENT-SEAL

|                                              |
|----------------------------------------------|
| ORGANIZATION IDENTIFIER (FK)                 |
| TRANSPORTATION-EQUIPMENT-SEAL IDENTIFIER     |
| TRANSPORTATION-EQUIPMENT IDENTIFIER (FK)     |
| TRANSPORTATION-EQUIPMENT-SEAL AFFIX DATE     |
| TRANSPORTATION-EQUIPMENT-SEAL CONDITION CODE |

SEAVAN-CONTAINER

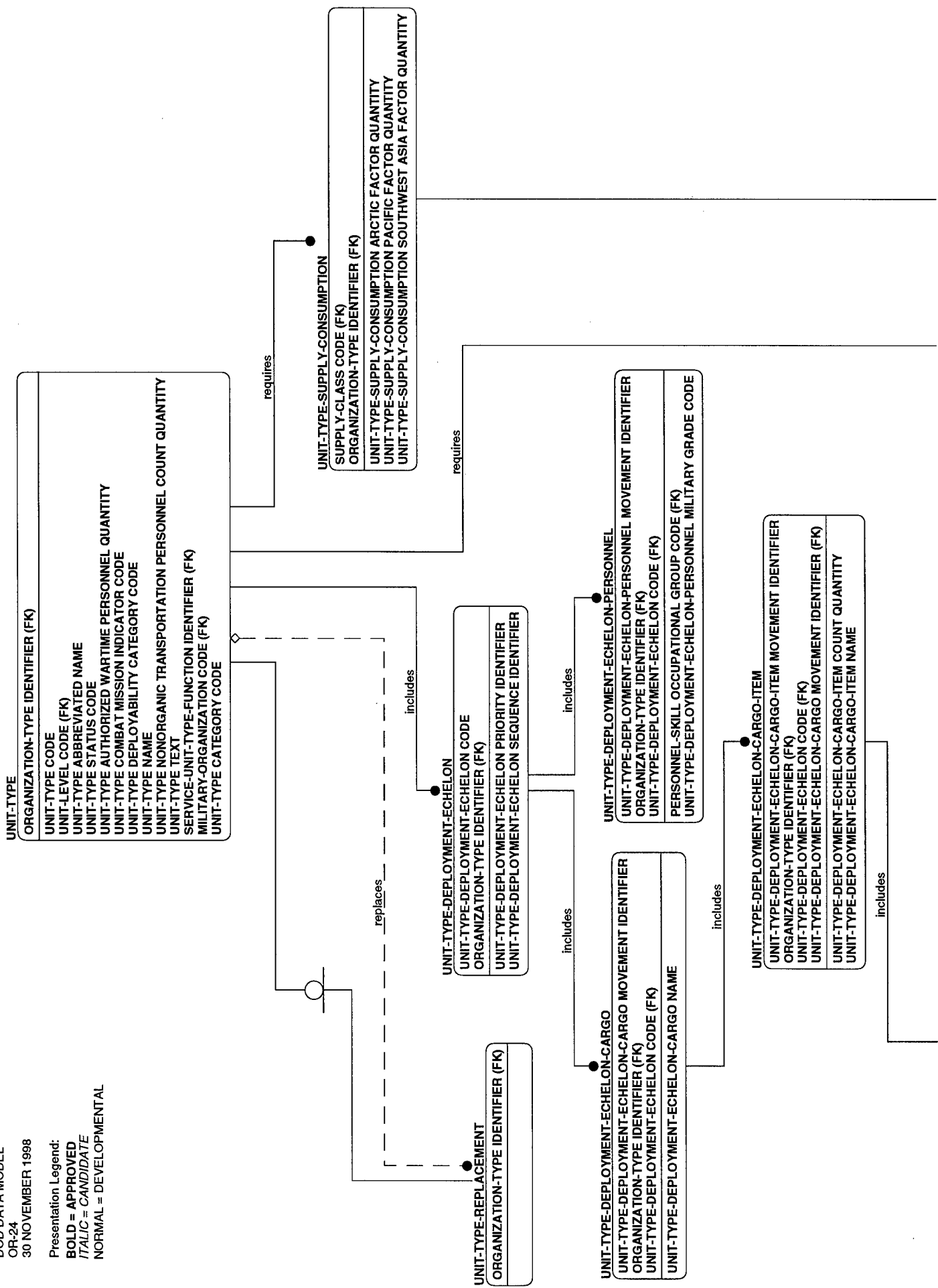
|                                          |
|------------------------------------------|
| TRANSPORTATION-EQUIPMENT IDENTIFIER (FK) |
| ORGANIZATION IDENTIFIER (FK)             |
| SEAVAN-CONTAINER BEAM ASSEMBLY QUANTITY  |
| SEAVAN-CONTAINER CHECK DIGIT IDENTIFIER  |

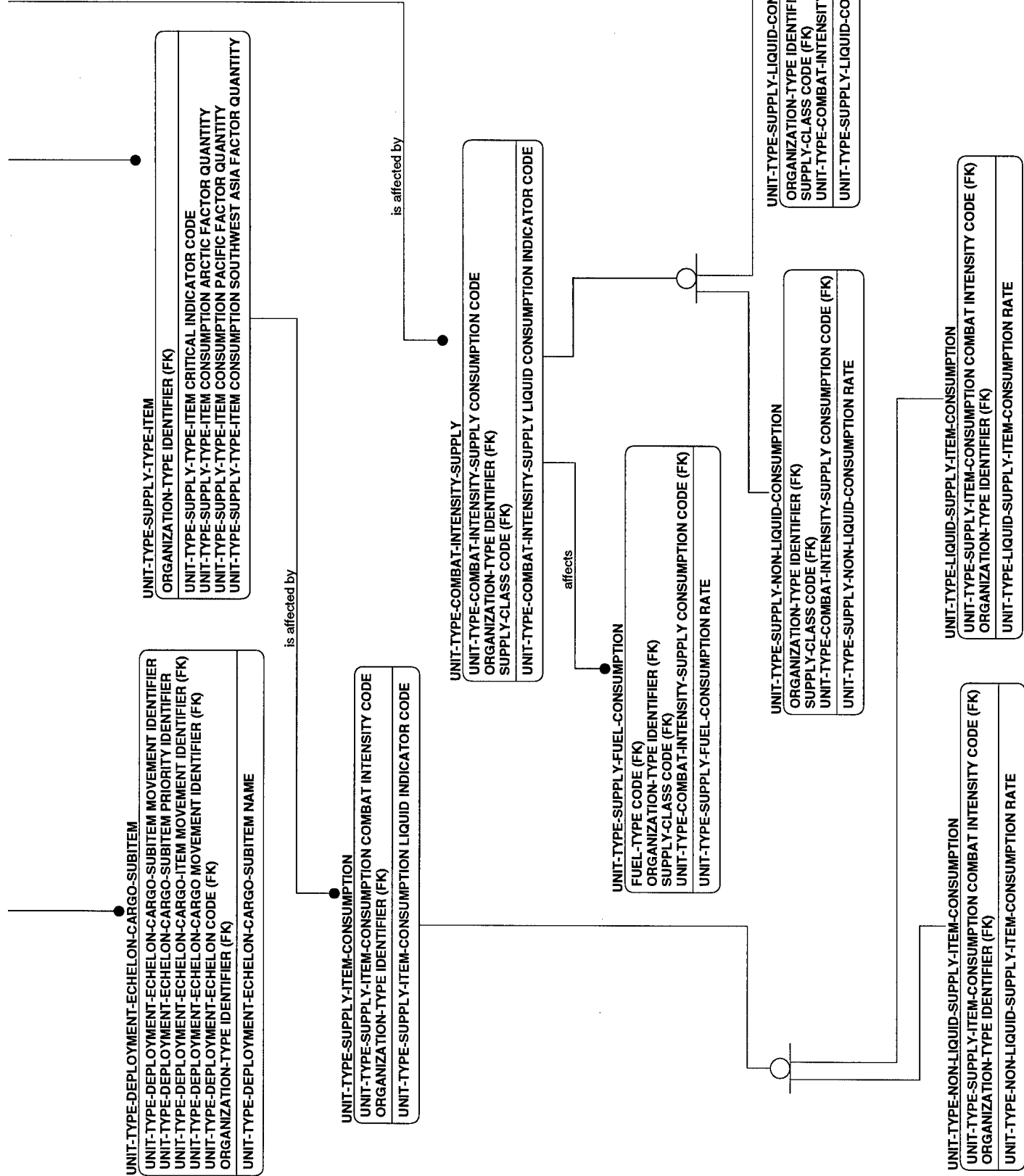
ROLL-ON-ROLL-OFF-CONTAINER

|                                          |
|------------------------------------------|
| TRANSPORTATION-EQUIPMENT IDENTIFIER (FK) |
| ORGANIZATION IDENTIFIER (FK)             |
| ROLL-ON-ROLL-OFF-CONTAINER TYPE CODE     |

OR-24

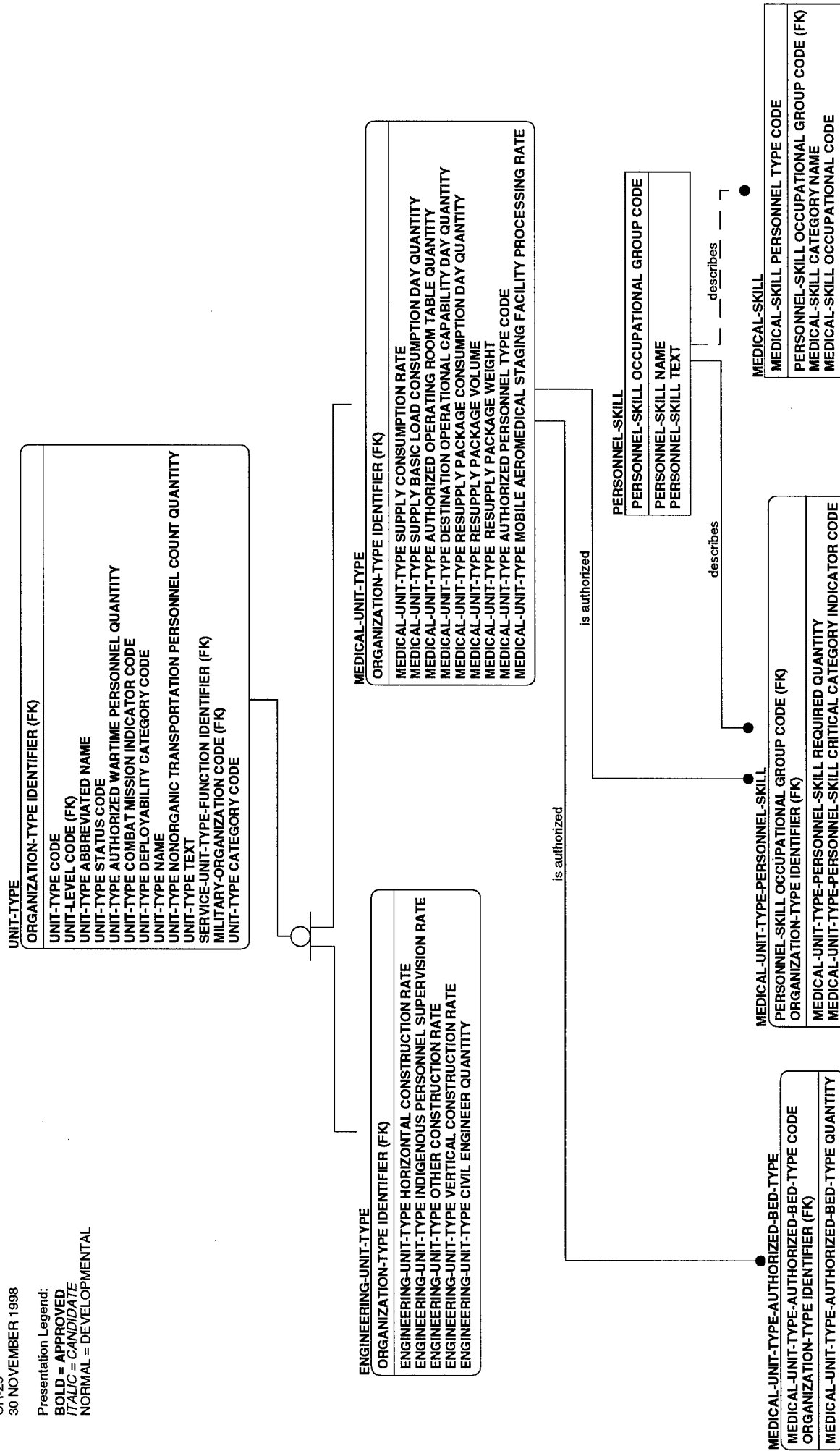
Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL





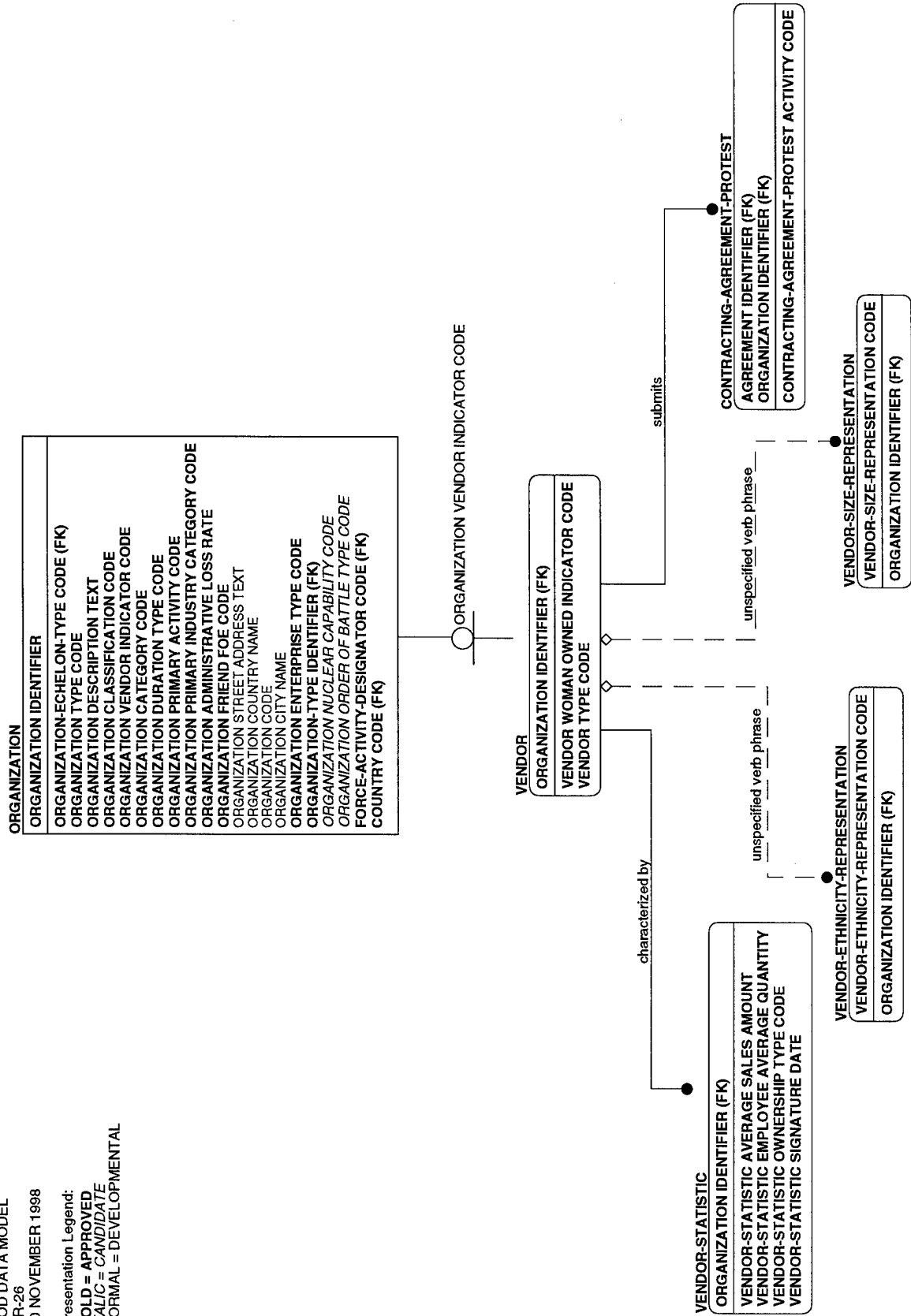
OR-25

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



OR-26

Presentation Legend:  
**BOLD = APPROVED**  
*ITALIC = CANDIDATE*  
NORMAL = DEVELOPMENTAL



OR-27

DOD DATA MODEL  
OR-27

30 NOVEMBER 1998

Presentation Legend:

BOLD = APPROVED

*ITALIC* = CANDIDATE

NORMAL = DEVELOPMENTAL

creates

ORGANIZATION

ORGANIZATION IDENTIFIER

ORGANIZATION-ECHOLON-TYPE CODE (FK)

ORGANIZATION TYPE CODE

ORGANIZATION DESCRIPTION TEXT

ORGANIZATION CLASSIFICATION CODE

ORGANIZATION VENDOR INDICATOR CODE

ORGANIZATION CATEGORY CODE

ORGANIZATION DURATION TYPE CODE

ORGANIZATION PRIMARY ACTIVITY CODE

ORGANIZATION ADMINISTRATIVE LOSS RATE

ORGANIZATION FRIEND FOE CODE

ORGANIZATION STREET ADDRESS TEXT

ORGANIZATION COUNTRY NAME

ORGANIZATION CODE

ORGANIZATION CITY NAME

ORGANIZATION ENTERPRISE TYPE CODE

ORGANIZATION-TYPE IDENTIFIER (FK)

ORGANIZATION NUCLEAR CAPABILITY CODE

ORGANIZATION ORDER OF BATTLE TYPE CODE

FORCE-ACTIVITY-DESIGNATOR CODE (FK)

COUNTRY CODE (FK)

is referenced by

PERSON-ORGANIZATION

ORGANIZATION IDENTIFIER (FK)

PERSON IDENTIFIER (FK)

PERSON-ORGANIZATION BEGIN CALENDAR DATE

PERSON-ORGANIZATION BEGIN TIME

PERSON-ORGANIZATION END CALENDAR DATE

PERSON-ORGANIZATION PROJECTED END CALENDAR DATE

PERSON-ORGANIZATION PERSON ROLE CODE

PERSON-ORGANIZATION END TIME

unspecified verb phrase

EXPORT-TRAFFIC-RELEASE-REQUEST

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION CALENDAR DATE

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION TIME

ORGANIZATION IDENTIFIER (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST LADING TERM CODE

EXPORT-TRAFFIC-RELEASE-REQUEST TYPE CODE

EXPORT-TRAFFIC-RELEASE-REQUEST SERVICE CODE

PERSON-ORGANIZATION BEGIN TIME (FK)

PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)

PERSON IDENTIFIER (FK)

specifies

ask for

DOD-UNIQUE-COMMODITY-EXPORT-REQUEST

DOD-UNIQUE-COMMODITY-CLASSIFICATION CODE (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION CALENDAR DATE (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION TIME (FK)

ORGANIZATION IDENTIFIER (FK)

DOD-UNIQUE-COMMODITY-EXPORT-REQUEST LIQUID QUANTITY

DOD-UNIQUE-COMMODITY-EXPORT-REQUEST WEIGHT

REQUESTED-TRANSPORTATION-EQUIPMENT-TYPE

REQUESTED-TRANSPORTATION-EQUIPMENT-TYPE SEQUENCE IDENTIFIER

TRANSPORTATION-EQUIPMENT-TYPE CODE (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION CALENDAR DATE (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION TIME (FK)

ORGANIZATION IDENTIFIER (FK)

REQUESTED-TRANSPORTATION-EQUIPMENT-TYPE QUANTITY

REQUESTED-TRANSPORTATION-EQUIPMENT-TYPE VOLUME

REQUESTED-TRANSPORTATION-EQUIPMENT-TYPE LENGTH DIMENSION

REQUESTED-TRANSPORTATION-EQUIPMENT-TYPE LOAD CAPACITY WEIGHT

REQUESTED-TRANSPORTATION-EQUIPMENT-TYPE AXLE QUANTITY

specifies

specifies

NATIONAL-MOTOR-FREIGHT-CLASSIFICATION

NATIONAL-MOTOR-FREIGHT-CLASSIFICATION CODE

EXPORT-TRAFFIC-RELEASE-REQUEST-WATER-COMMODITY  
WATER-COMMODITY CODE (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION CALENDAR DATE (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION TIME (FK)

ORGANIZATION IDENTIFIER (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST-WATER-COMMODITY WEIGHT

EXPORT-TRAFFIC-RELEASE-REQUEST-WATER-COMMODITY VOLUME

MOTOR-COMMODITY-EXPORT-REQUEST

NATIONAL-MOTOR-FREIGHT-CLASSIFICATION CODE (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION CALENDAR DATE (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION TIME (FK)

ORGANIZATION IDENTIFIER (FK)

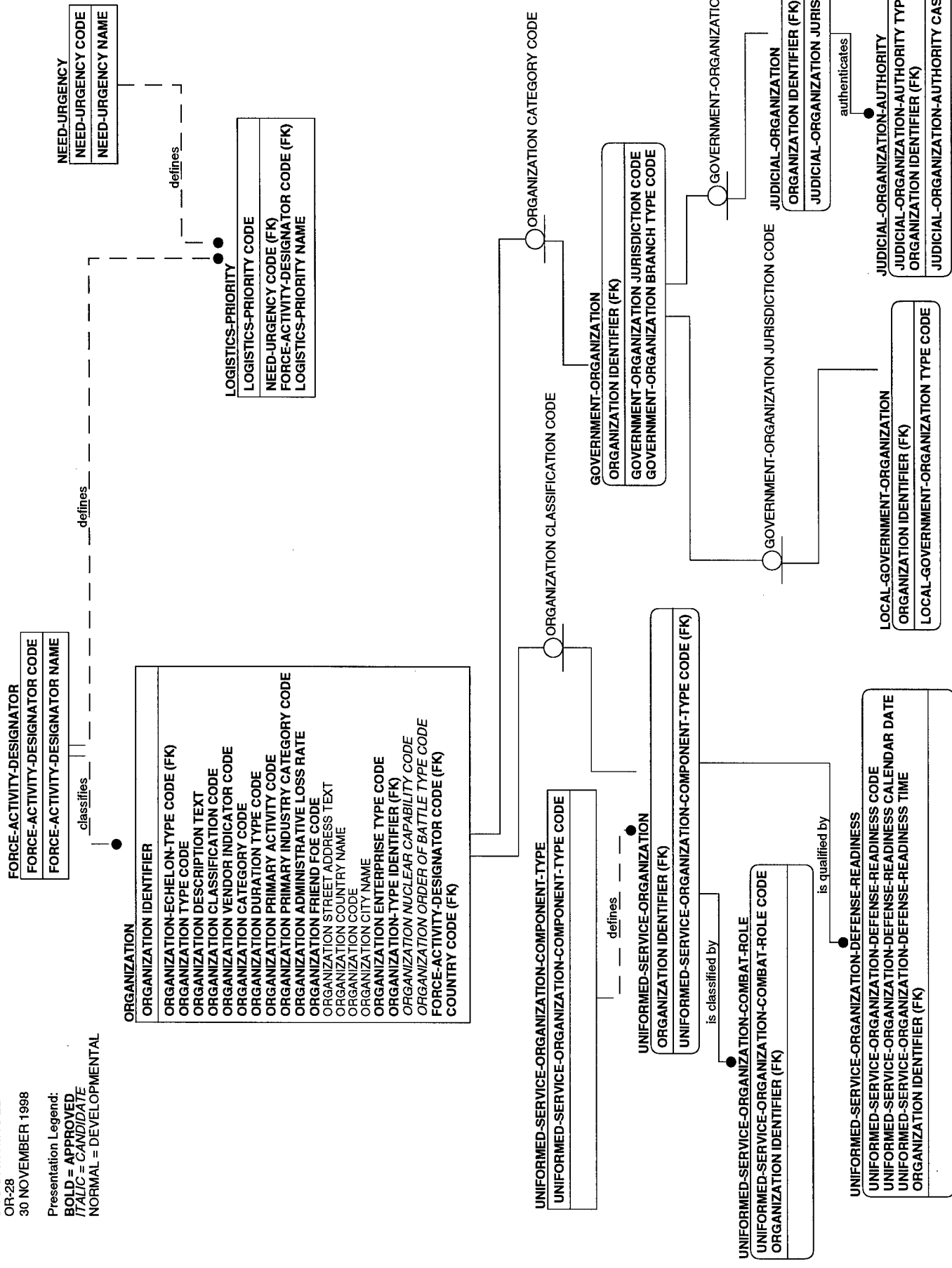
MOTOR-COMMODITY-EXPORT-REQUEST LIQUID QUANTITY

MOTOR-COMMODITY-EXPORT-REQUEST WEIGHT

is specified on

OR-28

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



OR-29

DOD DATA MODEL  
OR-29  
30 NOVEMBER 1998

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

**CAPABILITY**

|                                         |
|-----------------------------------------|
| <b>CAPABILITY IDENTIFIER</b>            |
| <b>CAPABILITY MEASUREMENT UNIT CODE</b> |
| <b>CAPABILITY TYPE CODE</b>             |

is used in

is the subject of

makes

is referenced by

P

|                                        |
|----------------------------------------|
| <b>ORGANIZATION-NAME</b>               |
| <b>ORGANIZATION-NAME BEGIN DATE</b>    |
| <b>ORGANIZATION-NAME CATEGORY CODE</b> |
| <b>ORGANIZATION-NAME END DATE</b>      |
| <b>ORGANIZATION-NAME TEXT</b>          |

|                                                                     |
|---------------------------------------------------------------------|
| <b>ORGANIZATION-CAPABILITY-ESTIMATE</b>                             |
| <b>ORGANIZATION IDENTIFIER (FK)</b>                                 |
| <b>CAPABILITY IDENTIFIER (FK)</b>                                   |
| <b>ESTIMATOR ORGANIZATION IDENTIFIER (FK)</b>                       |
| <b>ORGANIZATION-CAPABILITY-ESTIMATE IDENTIFIER</b>                  |
| <b>ORGANIZATION-CAPABILITY-ESTIMATE ACCURACY EVALUATION CODE</b>    |
| <b>ORGANIZATION-CAPABILITY-ESTIMATE CALENDAR DATE</b>               |
| <b>ORGANIZATION-CAPABILITY-ESTIMATE MEASUREMENT UNIT QUANTITY</b>   |
| <b>ORGANIZATION-CAPABILITY-ESTIMATE RELIABILITY EVALUATION CODE</b> |
| <b>ORGANIZATION-CAPABILITY-ESTIMATE TIME</b>                        |

is used as

**ORGANIZATION-NAME-USAGE**

|                                             |
|---------------------------------------------|
| <b>ORGANIZATION-NAME-USAGE CODE</b>         |
| <b>ORGANIZATION-NAME BEGIN DATE (FK)</b>    |
| <b>ORGANIZATION-NAME CATEGORY CODE (FK)</b> |
| <b>ORGANIZATION IDENTIFIER (FK)</b>         |

**VENDOR**

|                                          |
|------------------------------------------|
| <b>ORGANIZATION IDENTIFIER (FK)</b>      |
| <b>VENDOR WOMAN OWNED INDICATOR CODE</b> |
| <b>VENDOR TYPE CODE</b>                  |

|                                                    |
|----------------------------------------------------|
| <b>ORGANIZATION</b>                                |
| <b>ORGANIZATION IDENTIFIER</b>                     |
| <b>ORGANIZATION-ECHOLON-TYPE CODE (FK)</b>         |
| <b>ORGANIZATION TYPE CODE</b>                      |
| <b>ORGANIZATION DESCRIPTION TEXT</b>               |
| <b>ORGANIZATION CLASSIFICATION CODE</b>            |
| <b>ORGANIZATION VENDOR INDICATOR CODE</b>          |
| <b>ORGANIZATION CATEGORY CODE</b>                  |
| <b>ORGANIZATION DURATION TYPE CODE</b>             |
| <b>ORGANIZATION PRIMARY ACTIVITY CODE</b>          |
| <b>ORGANIZATION PRIMARY INDUSTRY CATEGORY CODE</b> |
| <b>ORGANIZATION ADMINISTRATIVE LOSS RATE</b>       |
| <b>ORGANIZATION FRIEND FOE CODE</b>                |
| <b>ORGANIZATION STREET ADDRESS TEXT</b>            |
| <b>ORGANIZATION COUNTRY NAME</b>                   |
| <b>ORGANIZATION CITY NAME</b>                      |
| <b>ORGANIZATION ENTERPRISE TYPE CODE</b>           |
| <b>ORGANIZATION-TYPE IDENTIFIER (FK)</b>           |
| <b>ORGANIZATION NUCLEAR CAPABILITY CODE</b>        |
| <b>ORGANIZATION ORDER OF BATTLE TYPE CODE</b>      |
| <b>FORCE-ACTIVITY-DESIGNATOR CODE (FK)</b>         |
| <b>COUNTRY CODE (FK)</b>                           |

originates

ORGANIZATION-OPERATIONAL-STATUS

|                                                              |
|--------------------------------------------------------------|
| <b>ORGANIZATION-OPERATIONAL-STATUS IDENTIFIER</b>            |
| <b>ORGANIZATION-OPERATIONAL-STATUS PROTECTION LEVEL CODE</b> |
| <b>ORGANIZATION-OPERATIONAL-STATUS CALENDAR DATE</b>         |
| <b>ORGANIZATION-OPERATIONAL-STATUS TIME</b>                  |
| <b>ORGANIZATION-OPERATIONAL-STATUS CODE</b>                  |
| <b>ORGANIZATION-OPERATIONAL-STATUS POSTURE CODE</b>          |
| <b>ORGANIZATION-OPERATIONAL-STATUS RADIATION QUANTITY</b>    |
| <b>ORGANIZATION-OPERATIONAL-STATUS VULNERABILITY CODE</b>    |

is associated with

ORGANIZATION CATEGORY CODE

TAXING-AUTHORITY

ORGANIZATION IDENTIFIER (FK)

PROTEST-ORGANIZATION

|                                     |
|-------------------------------------|
| <b>ORGANIZATION IDENTIFIER (FK)</b> |
| <b>PROTEST IDENTIFIER (FK)</b>      |

has associated

is subordinate to

is ordinate to

PROTEST-ASSOCIATION

|                                                                      |
|----------------------------------------------------------------------|
| <b>ORDINATE.ORGANIZATION IDENTIFIER,PROTEST IDENTIFIER (FK)</b>      |
| <b>SUBORDINATE.(PROTEST IDENTIFIER,ORGANIZATION IDENTIFIER) (FK)</b> |

**PRIVATE-SECTOR-ORGANIZATION**

|                                                              |
|--------------------------------------------------------------|
| <b>ORGANIZATION IDENTIFIER (FK)</b>                          |
| <b>PRIVATE-SECTOR-ORGANIZATION OFFSET AUTHORIZATION CODE</b> |
| <b>PRIVATE-SECTOR-ORGANIZATION OWNERSHIP FORM CODE</b>       |
| <b>PRIVATE-SECTOR-ORGANIZATION FINANCIAL CHARTER CODE</b>    |
| <b>PRIVATE-SECTOR-ORGANIZATION OWNERSHIP CODE</b>            |

unspecified verb phrase

**TEMPORARY-ORGANIZATION**

|                                                           |
|-----------------------------------------------------------|
| <b>ORGANIZATION IDENTIFIER (FK)</b>                       |
| <b>TEMPORARY-ORGANIZATION PROJECTED DURATION QUANTITY</b> |

**PRIVATE-SECTOR-ORGANIZATION-NET-WORTH**

|                                                     |
|-----------------------------------------------------|
| <b>PRIVATE-SECTOR-ORGANIZATION-NET-WORTH DATE</b>   |
| <b>ORGANIZATION IDENTIFIER (FK)</b>                 |
| <b>PRIVATE-SECTOR-ORGANIZATION-NET-WORTH AMOUNT</b> |

receives

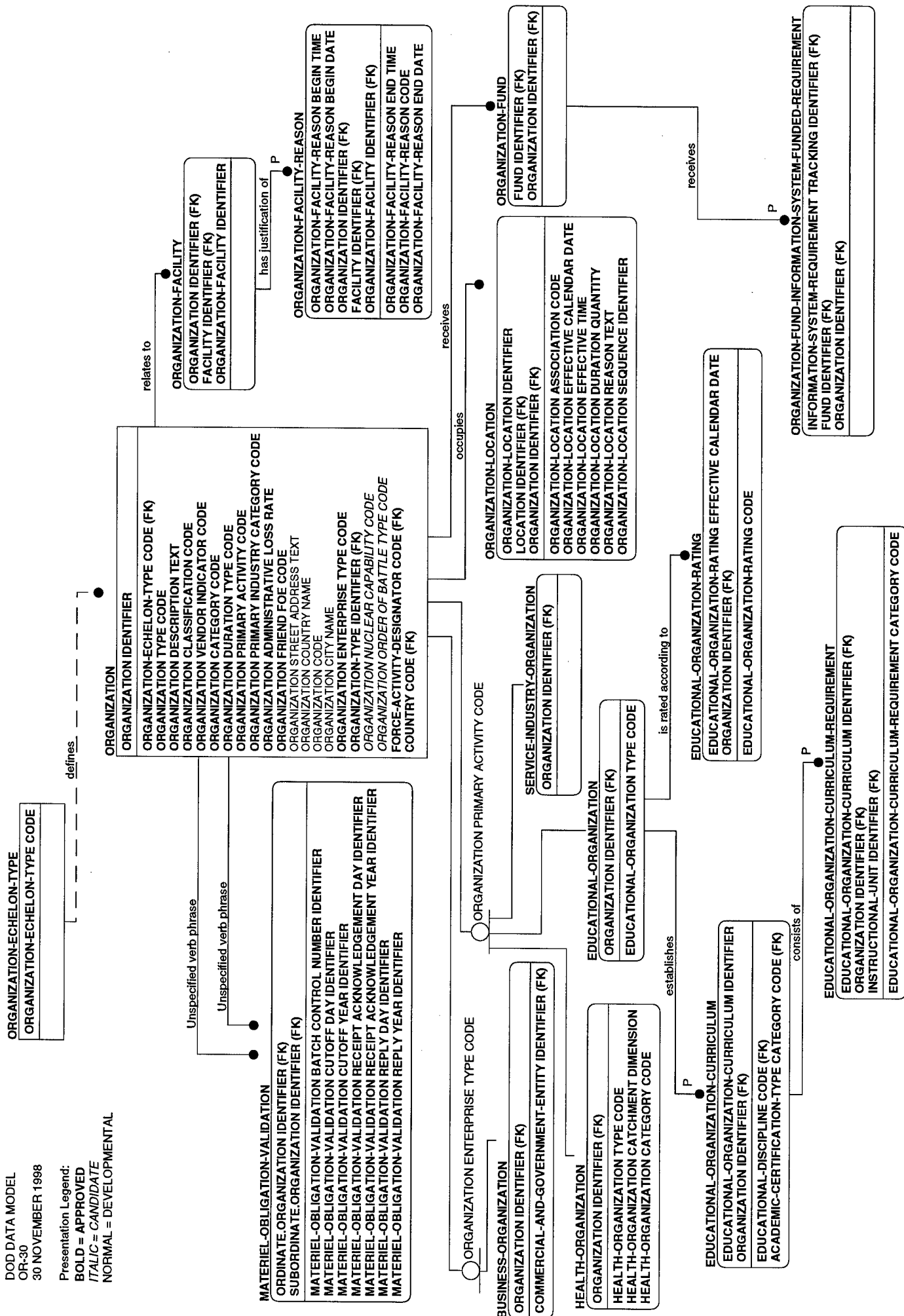
**PROTEST**

|                                     |
|-------------------------------------|
| <b>PROTEST IDENTIFIER</b>           |
| <b>ORGANIZATION IDENTIFIER (FK)</b> |
| <b>PROTEST DISPOSITION CODE</b>     |
| <b>PROTEST DISPOSITION DATE</b>     |
| <b>PROTEST DISPOSITION TEXT</b>     |
| <b>PROTEST FILE DATE</b>            |
| <b>PROTEST LEVEL CODE</b>           |
| <b>PROTEST RECEIPT DATE</b>         |
| <b>PROTEST TEXT</b>                 |

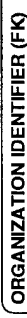
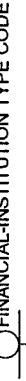
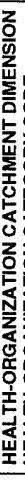
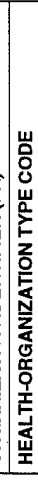
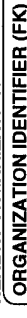
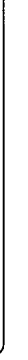
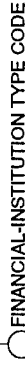
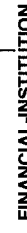
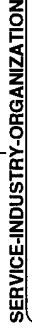
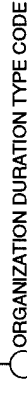
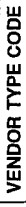
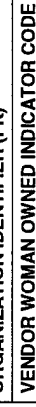
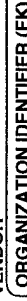
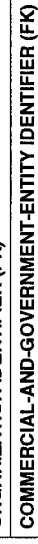
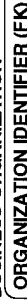
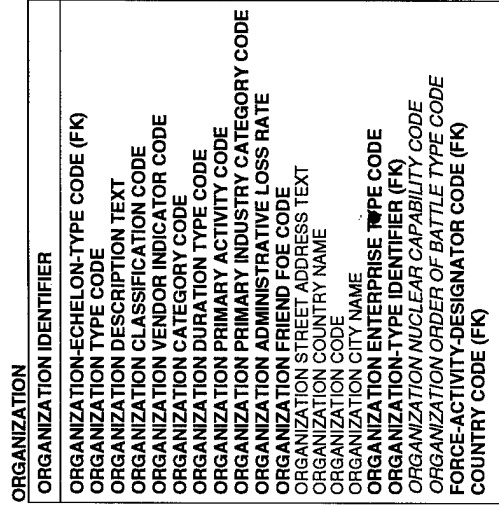
OR-30

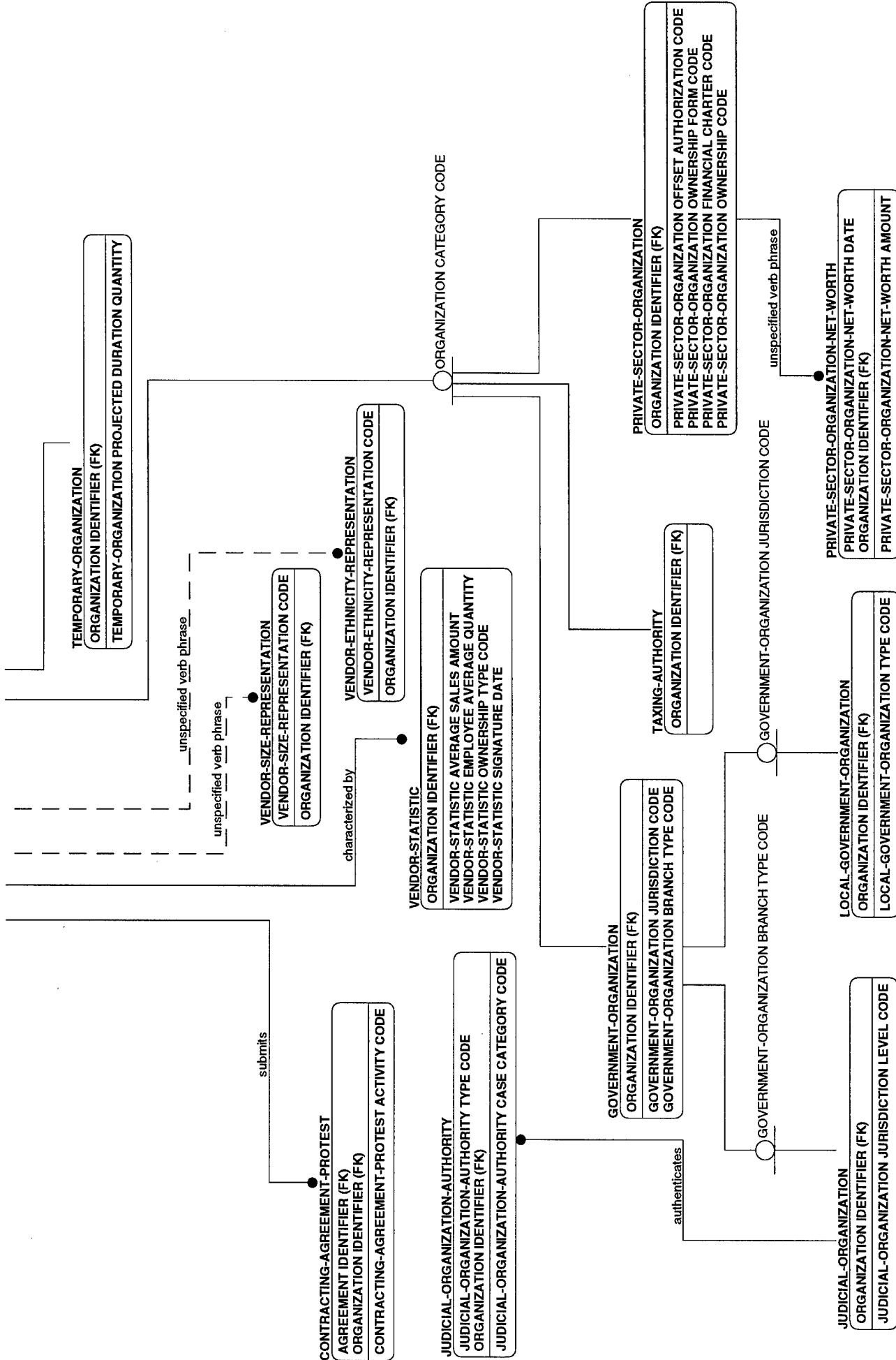
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30 NOVEMBER 1998

Presentation Legend:  
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NORMAL = DEVELOPMENTAL



OR-31

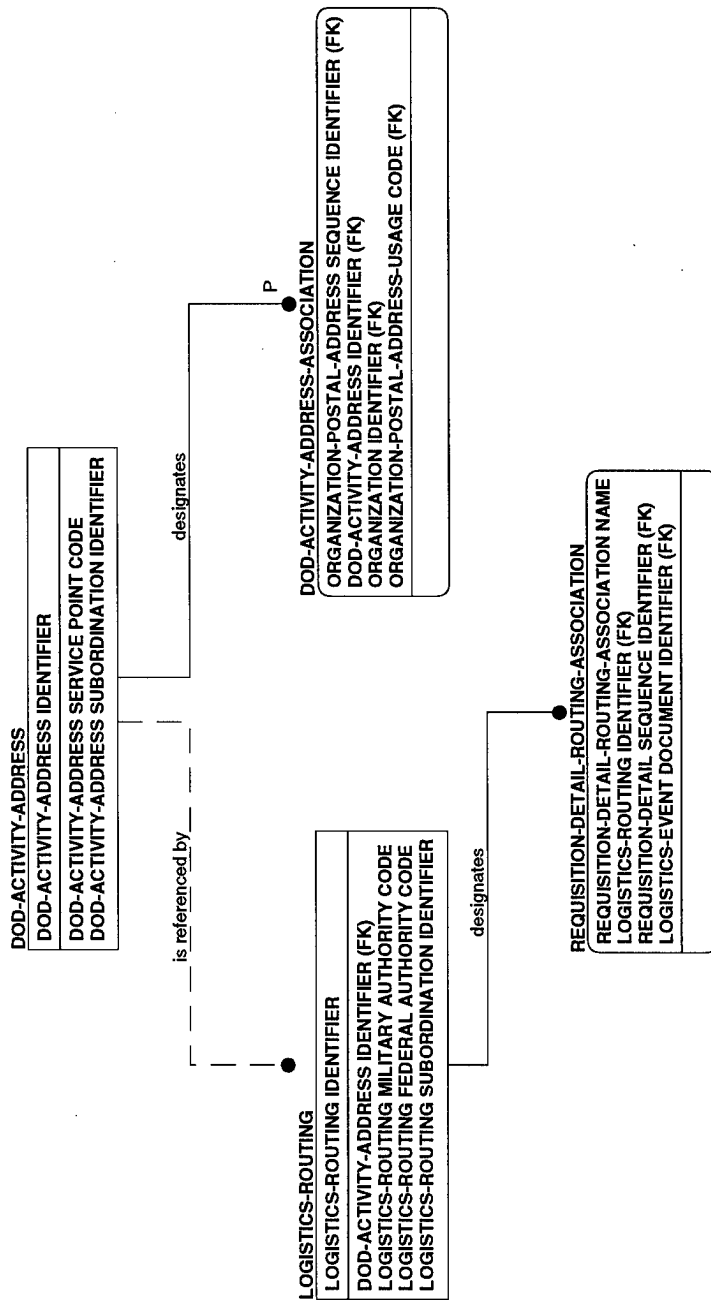




OR-32

DOD DATA MODEL  
OR-32  
30 NOVEMBER 1998

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



OR-33

Presentation Legend:  
**BOLD = APPROVED**  
*ITALIC = CANDIDATE*  
NORMAL = DEVELOPMENTAL

