

PACKAGE ID - 000743IBMPC00 DDETS

KWIC TITLE - Decontamination and Decommissioning Equipment
Tracking System

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LIMITATION CODE -UNL **AUDIENCE CODE** - UNL

COMPLETION DATE - 06/01/1994 **PUBLICATION DATE** - 07/13/1994

DESCRIPTION - DDETS is Relational Data Base Management System (RDBMS) which incorporates 1-D (code 39) and 2-D (PDF417) bar codes into its equipment tracking capabilities. DDETS is compatible with the Reportable Excess Automated Property System (REAPS), and has add, edit, delete and query capabilities for tracking equipment being decontaminated and decommissioned. In addition, bar code technology is utilized in the inventory tracking and shipping of equipment.

PACKAGE CONTENTS - Media Directory; Software Abstract; EGG-RAAM-11376;
Media Includes Source Code, Executables;

SOURCE CODE INCLUDED? - Yes

MEDIA QUANTITY - 4 3.5 Diskettes

METHOD OF SOLUTION - Tracking is accomplished through the Oracle RDBMS for which DDETS was written to run under.

COMPUTER - IBM PC

OPERATING SYSTEMS - ORACLE and DOS

PROGRAMMING LANGUAGES - ORACLE (90%), C (10%)

SOFTWARE LIMITATIONS - Limited and intended to track only equipment being decontaminated and decommissioned.

SOURCE CODE AVAILABLE (Y/N) - Y

UNIQUE FEATURES - DDETS utilizes both 1-dimensional and 2-dimensional bar coding technology.

OTHER PROG/OPER SYS INFO - DDETS cannot be executed without the Oracle RDBMS software properly loaded and configured on an IBM or compatible PC.

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OTHER PROG/OPER SYS INFO - (CONT)

HARDWARE REQS - IBM PC or compatible (386 or higher), MS-DOS 3.3 or higher, 6 MB of RAM (minimum), 3.5 inch floppy-disk drive, 15 MB free disk space, LaserJet printer, 2 COM ports or an A/B switch box, Zebra Stripe Model 500 bar code scanner, Symbol PDF 1000 bar code scanner, Symbol PDT 3300 bar code reader, and Symbol PL 140 PDF417 decoder.

TIME REQUIREMENTS - Reports, queries and editing functions execute within 5-10 seconds if a 386 or higher CPU is used. Performance of the system can be enhanced by increasing the amount of RAM.

REFERENCES - S.D. Cook and M.B. Larsen, Decontamination and Decommissioning Equipment Tracking System (DDETS), EGG-RAAM-11376, July 1994.

ABSTRACT STATUS - Submitted September 26, 1994. Released AS-IS December 7, 1994.

SUBJECT CLASS CODE - MT

KEYWORDS -

COMPUTER PROGRAM DOCUMENTATION
D CODES
DATA BASE MANAGEMENT
EQUIPMENT
DECONTAMINATION
DECOMMISSIONING

EDB SUBJECT CATEGORIES -

990200 990300 420200

SPONSOR - DOE/IO

PACKAGE TYPE - AS - IS