

## APPENDIX D

## AUTOMATED MEDICAL REGULATING SYSTEMS

## Section I. DEFENSE MEDICAL REGULATING INFORMATION SYSTEM

**D-1. Purpose**

The purpose of the DMRIS is to support the missions of the ASMRO and JMRO in regulating the movement of patients.

**D-2. Background**

The DMRIS is an on-line, interactive computer system designed to permit MTFs to report patients who require evacuation to other MTFs for specialized care. These reports are acted upon by the ASMRO at Scott Air Force Base (AFB), Illinois. The DMRIS links the ASMRO, MTFs, service headquarters, and the USAF Military Airlift Command aeromedical evacuation elements. This network also extends to overseas commands in Europe and the Pacific.

**D-3. Operational Features**

After the necessary patient data is entered by the MTF, the software program determines which re-

ceiving hospital (with the required capability) is the closest. It then displays this information for the ASMRO. After the ASMRO approves the computer selection, information concerning the patient and destination MTF are transmitted to the originating MTF, destination MTF, and the patient airlift center. The software program considers special patient and physician requirements, such as humanitarian moves, destination preferences of the attending physician, and special drug and alcohol rehabilitation and weight reduction programs. Availability of medical specialties, as well as hospital bed availability, are also considered.

**D-4. Related Features**

The DMRIS exchanges patient movement data with the APES. This system automates the patient movement functions of the aeromedical evacuation system.

## Section II. AUTOMATED PATIENT EVACUATION SYSTEM

**D-5. Purpose**

The purpose of APES is to support the mission of the USAF MAC in the movement of patients between MTFs within CONUS, within the European and Pacific theaters, and from the overseas theaters to CONUS.

**D-6. Background**

Medical evacuation at the USAF level consists of patient regulating and patient movement. The DMRIS automates the patient regulating portion of medical evacuation. The APES is an on-line, interactive microcomputer-based system designed to automate the patient movement functions of the aeromedical evacuation system and to integrate patient movement data with the DMRIS patient regulating data. Since APES uses patient information entered into the DMRIS, a patient must be

reported to the ASMRO and regulated before APES can schedule a patient for movement. The APES provides the Patient Airlift Center at Scott AFB, Illinois, with the automated mission planning management reporting support, and provides MTFs with aeromedical evacuation mission flight data, such as estimated times of arrival and departure.

**D-7. Operational Features**

The APES is designed to—

- Generate proposed mission plans to effectively use aircrew and airlift resources for patient movement within 72 hours after a patient is reported to the ASMRO.
- Prepare mission operational and support documents.

- Enhance the visibility of missions-in-process to permit patient add-ons, cancellations, and changes.

- Ensure expeditious and positive control of URGENT and PRIORITY precedence patient movements.