Automatic Switching Center. FAC: 1311

CATCODE: 131135
OPR: AFFSA
OCR: AFNIC

1.1. **Description.** Facility which transmits and receives AUTODIN messages to and from Military communications centers worldwide. Every ASC is housed in a special compartmented information facility and is equipped with solid state uninterruptible power systems and environmental control

1.1.1. Required security protection must be extended to all classified traffic transmitted through the AUTODIN. The ASC automatically checks and compares the security classification stated in the header of the message against the authorized security level of the incoming circuit. Transmission of a message with a higher security level than authorized will result in the message being rejected by the ASC.

1.1.2. In addition, an automatic system-generated service will be transmitted by the ASC to the originating station. The purpose of this service is to advise the originating station of possible security compromises. Also, the ASC automatically checks and compares the security classification contained in the header of each message against the security classification of each destination. A security mismatch occurs for each destination that does not indicate a matching security level.

1.1.3. In the event of a security mismatch, the ASC takes the following actions:

1.1.3.1. In a single-address message, the ASC rejects the message and alarms appear at the originating terminal indicating that the message needs retransmission.

1.1.3.2. In a multiple-address message with at least one deliverable destination, the ASC accepts the message and delivers it to all valid destinations. For invalid routing indicators, an automatically generated service retransmits the message to the originating routing indicator and advises that the message needs retransmission.

1.1.3.3. In-station operating procedures should be carefully planned and rigidly enforced to prevent inadvertent transmission of classified messages to unauthorized stations or agencies. Complete security precautions and operating rules are contained in JANAP 128.

1.1.4. **AUTODIN = Automatic Digital Network**

1.1.4.1. The **Automatic Digital Network** System, known as **AUTODIN** or **ADNS**, is a legacy data communications service in the United States Department of Defense. AUTODIN originally consisted of numerous AUTODIN Switching Centers (ASCs) located in the United States and in countries such as England and Japan.

1.2. **Requirements Determination.** This section provides the basis for determining the functions of the facility and the major subcomponent spaces as they relate to the mission.

1.3. **Scope Determination.** The scope section contains the data required to make the initial

determination about the overall size of the facility.

1.4. **Dimensions.** This section contains information about any specific dimensions required to be included. Often this section makes reference to a design guide.

1.5. **Design Considerations.** The intent of this section is to point out any key cost drivers for the facility that would impact the programmed amount for new construction or renovation. It is not intended as a repository for the contents of a design guide. You may need to contact the OPR for additional design guidance.