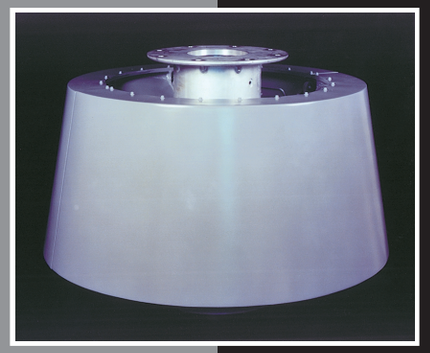
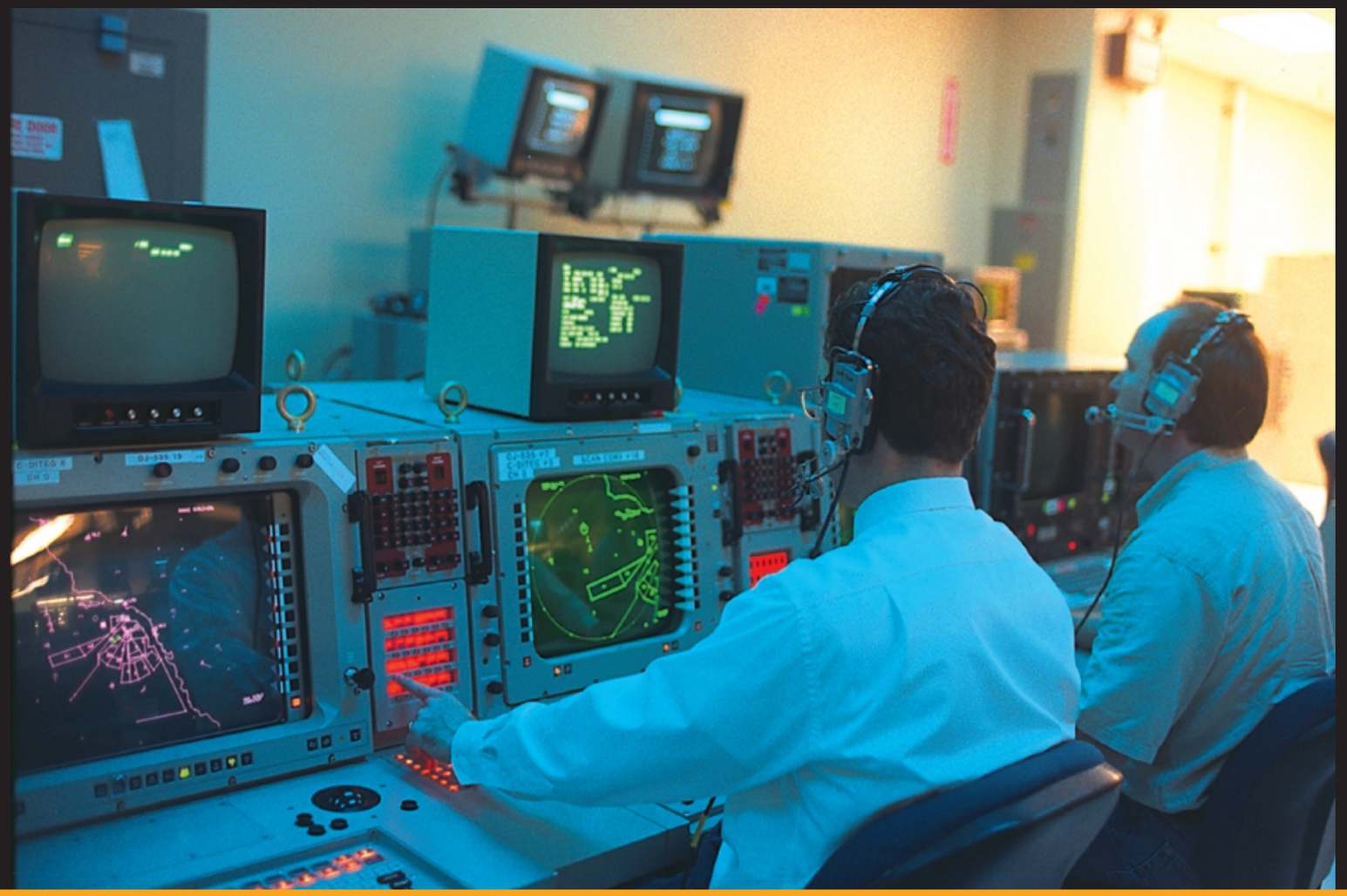
SPAWAR

JTIDS Shipboard Antenna





Link-16 is the primary tactical data link for U.S. Navy, Joint, and Allied forces, providing vital networks that support the exchange of real-time tactical data. The Navy is introducing the Link-16 Joint Tactical Information Distribution System (JTIDS), providing our Naval Forces with the most capable, survivable, anti-jam data link for aviation strike and maritime air defense.

SPAWAR Systems Center, San Diego developed the JTIDS AS-4127/URC-107(V) Shipboard Antenna (represented below the Tactical Air Navigation [TACAN] antenna in the model). The AS-4127/URC-107(V) employs a bicone feed with array probes. The AS-4127/URC-107(V) was replaced by the 4127A/URC-107(V), which is used as a shipboard JTIDS transmit/receive antenna where JTIDS system requirements must be met with or without supporting the TACAN antenna.

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