

# The Database of Cost References by Groups – PDF#4

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coldwarweaponsystemcosts.com

## COMMAND AND CONTROL

### cc1 – ASCAC, ASW Classification Analysis Center

Cost -- \$1 million for research and development

Discussion – designed to provide rapid and accurate identification of contacts made by various ASW patrol units.

Northrop's Ventura Div., holds a contract for more than #1 million for the work, which will be directed by NADC at Johnsville, Pa.

Source – Missiles & Rockets, November 15, 1965, p 9.

Recorded – December 22, 1965.

### cc2 – NORAD, Cheyenne Mountain

Cost -- \$142 million

Discussion – The Cheyenne Mountain complex, including the Defense Communications Agency facility and other tenant support operations, is expected to cost \$142 million by the time it becomes fully operational.

Annual operating costs are estimated at approximately \$13 million.

The ADC's 4604<sup>th</sup> Support Sq. provides routine housekeeping support for the entire facility.

Source – Aviation Week, January 24, 1966, p 25.

Recorded – February 8, 1966.

### cc3 – Saipan Command Post, Conversion of former carrier, Saipan, for command post.

Cost -- \$1.3 million

Discussion – modify ship into a mobile CP for strategic direction or area or world-wide operations.

Facilities will include equipment for communications and automatic exchange, processing, storage, and display of command data.

Ling-Temco-Vought's Range System Division, contract with Alabama Drydock and Shipbuilding Co., covering design, installation, and checkout of communications, teletypewriter, cryptographic, radar, IFF, and other special electronic instrumentation.

Source – Aviation Week, November 18, 1963, p 99.

Recorded – March 17, 1964.

### cc4 – TSQ-47 Traffic System

Cost -- \$2 million per system

Discussion – Complete terminal area navigation, traffic control, instrument landing and communications facilities, which can be transported in 3 C-130's and placed in operation within a matter of several hours to convert an undeveloped landing strip into a high-capacity military airfield.

3 systems were built under a \$13.5 million contract from AF Electronics Systems Division, but cost is expected to drop to around \$2 million per system.

The TSQ-47 consists of the following major subsystems, each packaged in a hut which is designed to fit into pallets used in the C-130 cargo handling equipment. AN/TPS-35, surveillance radar, by RCA, Mis. & Surv. Radar Div., 80-275 mi. coverage, \$45,000, 6,400 lbs.

AN/TRN-17, Tacan navigation station, built by International Tel & Tel Grp, 6,900 lbs.

AN/TPN-14, precision approach radar, modified TPN-8 by Gilfillan, 4,820 lbs.

AN/TSW-5, radar approach and traffic control center (Rapcon) by RCA's Aerospace Systems Div., 11,000 lbs.

AN/TSW-6, control tower for active runway and VFR approach, 5,000 lbs.

AN/TSC-23, communications van, HF radio and teletype by Adler Electronics.

Source – Aviation Week, November 11, 1963

Recorded – April 10, 1964.

#### cc5 – NORAD 425L

Cost -- \$88.7 million, total project cost

Discussion – Cheyenne Mountain

170,000 sq. ft. o floor space

7,000 ft level of the 9,440 ft Cheyenne Mountain

250 men per 8 hour shift

750 persons in emergency installations

Burroughs Corp., system hardware contractor

Source – Missiles & Rockets, February 24, 1964, p 40

Recorded – April 21, 1964.

#### cc6 – Inconorama Display

Cost -- \$45,000

Discussion – for NASA Nimbus-Tiros meteorological satellite control center at Goddard Space Flight Center.

Contract to Ling-Temco-Vought to build and install.

Source – Aviation Week, October 21, 1963, p 99.

Recorded – January 28, 1964.

#### cc7 – Marine Tactical Data System

Cost – as follows

Discussion – thousands of \$

Total MTDS R&D funding through FY 63	35.79
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Total MTDS R&D programmed funding thru 1968	10.15
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Total estimated funding for procurement	
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TOC (12)	106.8
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TACC and Beach Relay (4)	38.0
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Total	144.8
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Source – Senate Subc. Of Appropriations Committee Hearing, 88<sup>th</sup> Congress, 1<sup>st</sup> Session, HR 7179, p 1166.

Recorded – November 13, 1963.

cc8 – BMEWS

Cost -- \$423 million

Discussion – House Hearings, Subc. Of Appropriations Committee, 88<sup>th</sup>  
Congress, 1<sup>st</sup> Session, Part 6, p 27.

Recorded – November 13, 1963.

cc9 – Sweden Orlanda Traffic Control Center

Cost -- \$2.5 million including a \$400,000 teleprinter

Discussion – switching center which automatically routes messages to their  
destination.

Source – Aviation Week, July 5, 1965, p 91.

Recorded – August 31, 1965.

cc10 – NADGE, NATO Air Defense Ground Environment System

Cost -- \$60 million a year for operations and maintenance

Discussion –

Source – Common Funding in NATO, RAND RM-5282-R, June 1967, p 59.

Recorded – September 5, 1968.