USQ-69(V) - Archived 08/2001

Outlook

- Production complete

- Some upgrades likely in the near term

10 Year Unit Production Forecast
2000-2009

NO PRODUCTION FORECAST

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
⊠	0	0	0	0	0	0	0	0	0	0

Scimitar   Years
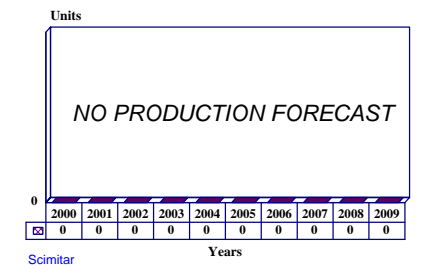
Orientation

Description. Data Terminal Set (DTS).

Sponsor

US Navy

  Naval Sea Systems Command (NAVSEA)

  2531 Jefferson Davis Highway

  Arlington, Virginia (VA) 22202

  USA

  Tel: +1 703 602 3381

Contractors

Lockheed Martin Corp

  Electronics Information & Missiles Group

  5600 Sand Lake Road

  Orlando, Florida (FL) 32819

  USA

  Tel: +1 407 356 2000

  Fax: +1 407 356 2010

  (Prime: development/production)

Status. Production complete, ongoing support and some upgrades.

Total Produced. An estimated 4,614 units have been produced.

Application. Data processing facilities.

Price Range. Unit cost including the DTG is estimated at over US$53,000.

Technical Data

Design Features. The USQ-69(V) Data Terminal Set (DTS) is a militarized general-purpose alphanumeric computer keyboard and cathode ray tube (CRT) I/O display device. It is a central component of the OL-267(V)/UYK Data Terminal Group (DTG) and meets military specifications and other environmental requirements.

The CRT Display has a 15-inch diagonal screen with a 12-inch diagonal viewing area. Each page has a 2,000-character screen capacity with 25 lines of 80 characters. Its display memory has a one-minute data protection capability during a power loss and can store up to 2,000 words per memory page. The keyboard has eight special-function keys and 12 editing and cursor control keys. The DTS weighs about 150 pounds and measures 20 x 19 x 27 inches, including a seven-inch keyboard assembly.

Variants/Upgrades

USQ-69B. This is the newest variant that features an Intel 80386 processor, mass storage, and color display. It can be employed as a smart node, a data terminal, or a general-purpose stand-alone PC. It offers a full range of capabilities, including compatibility with commercial off-the-shelf software applications, full emulation of existing USQ-69(V)s, connectivity between tactical interfaces and open system interfaces such as the Small Computer System Interface and Ethernet, support of memory- and processing-intensive applications such as graphics packages and expert systems, increased operator efficiency through an improved operator interface, and a 32-bit processor (UNIX or DOS) in the same footprint as current USQ-69(V) units. In addition to new production units, existing USQ-69(V) units can be brought up to the "B" standard with a manufacturer-supplied upgrade kit.

Program Review

Background. The USQ-69(V) was developed in the late 1970s by a company called Sperry (which was later acquired by Paramax Systems, then Unisys, then Loral, and now is part of Lockheed Martin). It is in service among various US defense organizations, as well as some foreign military users.

Declining requirements led the Navy to drop plans for a leader/follower competition for the USQ-69(V), leaving then-prime Paramax Systems Corp as the sole producer.

Ferranti International (formerly ISC Defense Systems) was selected in late July 1989 to qualify as second-source for the USQ-69(V). The company delivered two evaluation units for qualification in 1991.

The Navy's FY94 Long Range Acquisition Estimates showed a declining requirement, however, ranging from 60 in FY94 to 30 in FY98 (total of 205 units). Such low yearly buys were insufficient to justify second-sourcing, and the Navy terminated the vendor contract.

Maintenance and support contracts continue.

Funding

Funding for the USQ-69(V) is from the overall budget for Navy communications and electronics equipment and is not broken out as a separate line item. The US Naval Sea Systems Command is the procurement agent for the USQ-69(V), but the system is used by all US military services.

Recent Contracts

No recent contracts over US$5 million recorded.

Timetable

Year	Major Development
1976	Initial development
1980	Operational deployment began
1992	Introduction of USQ-69B
1995	Major production complete
2000	Activity continues to provide spares, repair, and upgrades

Worldwide Distribution

The USQ-69(V) DST is in service with the **US Armed Forces**, as well as with military forces of **Spain** and **Japan**.

Forecast Rationale

Paramax (the original contractor) was awarded a US$18 million modification contract in early 1993 for 170 USQ-89(V) DTSs, 114 USQ-69B(V) DTSs, and 50 OL-267(V)/UYK data terminal groups. Production of these ended in early 1995.

The Navy will procure USQ-69B upgrade kits to bring older units up to the latest standard, ruling out the likelihood of additional production. The *Commerce Business Daily* contains a steady flow of maintenance and repair notices to provide support for units in the field.

Ten-Year Outlook

No further production is expected.

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