



## Infantry Telephone Station - ITS

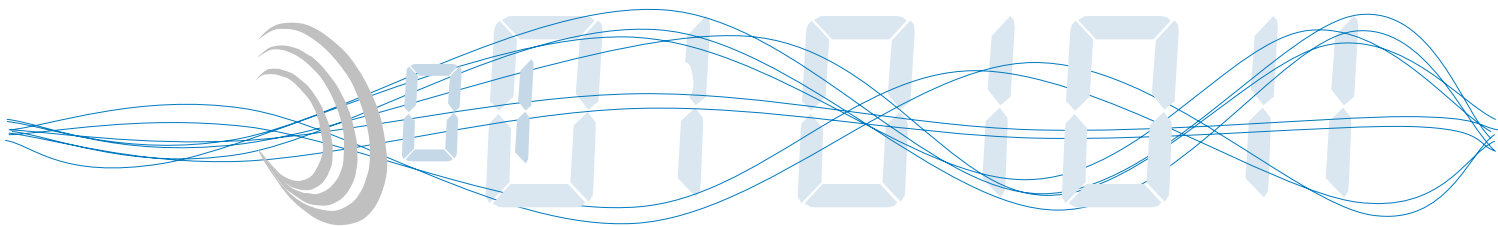
The ITS provides external users with the ability to communicate with the internal communications equipment and support two standard handsets or field telephones.

In addition to the audio interfaces a lamp interface is also provided which allows internal users to signal to external users. The ITS connects to the FFCS/T and allows the external users the ability to share the assets that this unit has been set to.

The ITS provides increased functionality over the AN/VIC-1 C2296 by allowing external users full access to the internal communications via the FFCS/T.

The option to simply select intercom as the preferred communications path or swap between radios and intercom is provided, similarly the option to use the TA-312 or Remote Access Field Telephone (RAFT) is a user selectable mode.

Two users can be connected to the ITS with ANR headsets or handsets.



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## Specifications and Standards

Chelton products are designed and independently tested to international standards.

### Environmental

Reliability (MTBF) - MIL-HDBK-217

Environmental - MIL-STD-810E :

Low Temperature (-40°C Operational, -57°C Storage, Method 502.3, Procedure I and II)

High Temperature (Hot, Method 501.3, Procedure I and II)

High Temperature plus Solar Radiation (+71°C, Method 505.3, Procedure I and II)

Humidity (Method 507.3, Procedure I and II)

Atmospheric Pressure (945 to 1060 millibars)

Elevation (Method 500.3, Procedure I and II)

Sand & Dust (Method 510.3)

Rain (Method 506.3, Procedure I)

Salt Fog (Method 509.3 Procedure 1)

Immersion (Method 512.3, Procedure I)

Vibration (Method 514.4, Procedure 1, Category 8)

Shock (Method 516.4, Procedure IV and VI & MIL-S-901)

Fungus (Method 508.4)

Explosive Atmosphere (Method 511.3, Procedure 1)

Electromagnetic Compatibility - MIL-STD-461C

Part 4 (CE01, CE03, CE07, CS01, CS02, CS06, RE02, RS02 and RS03)

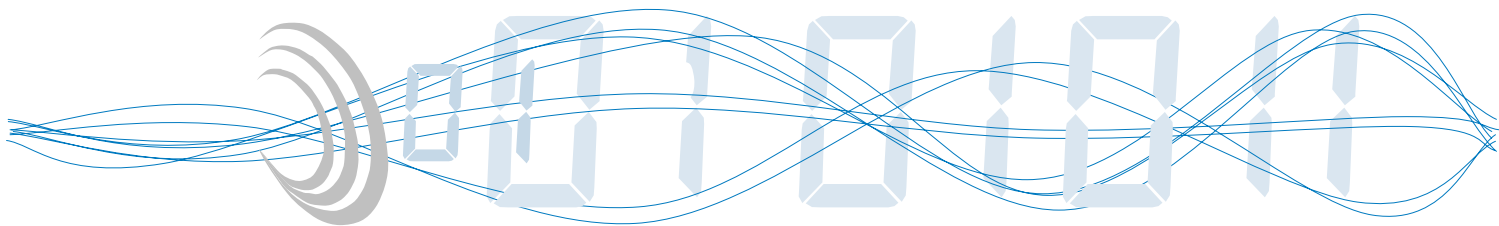
Electromagnetic Pulse - MIL-STD-461C part 4, (RS05 and CS11)

Electrostatic Discharge - IEC 801-2:2, level 4

Rapid Speech Transmission Index (RASTI)

### Mechanical Dimensions and Weights

Height (mm)	Width (mm)	Depth (mm)	Mounting (mm)	Weight (kg)
78	140	115	140	0.9



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