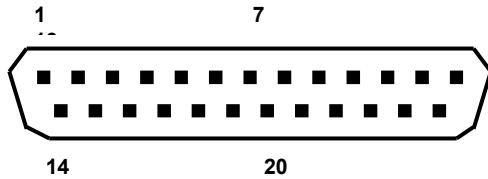


ARES®/RACES Operations Manual

RS-232C STANDARD INTERFACE

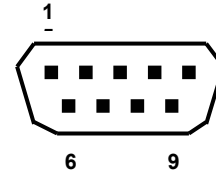
(Computer Serial Port Connector - DTE)



DB-25 Male Connector – Pin Side

Pin # **RS-232C Function (DTE)**

- 1 Protective Ground
- 2 Transmit Data (TD)
- 3 Receive Data (RD)
- 4 Request-to-Send (RTS)
- 5 Clear-to-Send (CTS)
- 6 Data Set Ready (DSR)
- 7 Signal Ground
- 8 Data Carrier Detect (DCD)
- 9 Test
- 10 Test
- 11 Unassigned
- 12 Secondary Carrier Detect
- 13 Secondary Clear-to-Send
- 14 Secondary Transmit Data
- 15 Transmit Clock (from DCE)
- 16 Secondary Receive Data
- 17 Receive Clock (from DCE)
- 18 Unassigned
- 19 Secondary Request-to-Send
- 20 Data Terminal Ready (DTR)
- 21 Signal Quality Detector
- 22 Ring Indicator (RI)
- 23 Data Signal Rate Selector
- 24 Transmit Clock (from DTE)
- 25 Unassigned



DB-9 Male Connector – Pin Side

Pin # **RS-232C Function (DTE)**

- 1 Data Carrier Detect (DCD)
- 2 Receive Data (RxD)
- 3 Transmit Data (TxD)
- 4 Data Terminal Ready (DTR)
- 5 Signal Ground
- 6 Data Set Ready (DSR)
- 7 Request-to-Send (RTS)
- 8 Clear-to-Send (CTS)
- 9 NC

DTE = Data Terminal Equipment
DCE = Data Communication Equipment