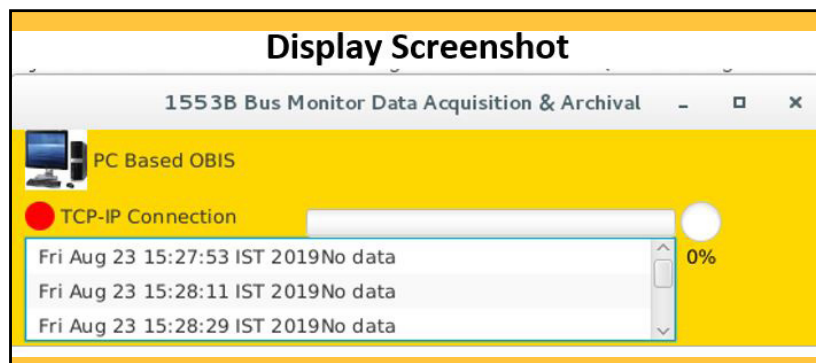


1553B Bus Monitor (BM) Data Acquisition and Archival

U R Rao Satellite Centre (URSC) of Indian Space Research Organisation (ISRO) has developed 1553B Bus Monitor (BM) Data Acquisition and Archival software. The application software provides Acquisition and Storage of 1553 Bus Monitor data at Spacecraft Checkout Computer (SCC). It has Auto compression and storage of BM data to optimize disk space.



Salient Features

- ✦ Acquisition of 1553 Bus Monitor data from Onboard Bus Interface System (OBIS) at Spacecraft Checkout Computer (SCC) on Ethernet.
- ✦ Compression and storage of BM data at SCC with day change over.
- ✦ Display for Data Acquisition & Connection Status and Log for data break and network status.

Major Specifications

Parameter	Specifications
Functions	<ul style="list-style-type: none">- Acquisition of 1553B Bus Monitor (BM) data from 1553 Interface System- Storage with data compression- Single application supports acquisition from different types of 1553 Interface system
Platform	Server with RHEL 6.6 or higher
Configurability	Flat files to indicate type of 1553 Interface system
Display	Indication for <ul style="list-style-type: none">- Ethernet connection status- Data Acquisition status

Technology Transfer

URSC/ISRO offers to transfer of 1553B Bus Monitor (BM) Data Acquisition and Archival software developed by URSC to industries in India with adequate experience and facilities. Industries interested in obtaining knowhow may write giving details of their present activities, infrastructure and facilities.

Technology Transfer & Industry Coordination Division (TTID),
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