



A-1864

Figure 1.

#### LOSP Channel Signal Protocol

A Ready pulse is sent from the output device with every parcel (16 bits) of data. The pulse is 48 nsec long. The receiving device will receive the Ready pulse and data. If the data is to be accepted a Resume Pulse (48 nsec) will be returned.

This completes the handshake for that one parcel of data. At this point another Ready with data may be sent out. This handshaking continues until the receiving device stops accepting the data, (Resumes stop) or until the sending device sends the last parcel of data at which time it will also send a disconnect pulse (48 nsec) to the receiving device. This will terminate the transfer. Note: A parcel of data has 4-parity bits associated with it. See figure 1-3 for further clarification.