**CRC Flow Chart:**

Received

CRC

Recvd\_CRC

!= Calc\_CRC

no

CalculatedCRC

CRC\_ErrFlag=0

CRC\_cntr=0

yes

if(CRC\_cntr>Deb\_time)

yes

no

CRC\_ErrFlag=0

CRC\_cntr++

CRC\_ErrFlag=1

**BZ Flow Chart:**

NEW=Rcvd BZ

OLD= Old BZ

Diff=NEW - OLD

(Diff>max\_skip) &&! (NEW==0)&&(OLD==15)

no yes

Deb\_Cntr>Deb\_time

Deb\_Cntr=0

BZ\_ErrFlag=0

no yes

Deb\_Cntr++

BZ\_ErrFlag=0

BZ\_ErrFlag=1

**To\_ErrFlag:**

If(NEW==OLD)

no yes

If(To\_cntr>Deb\_time)

To\_ErrFlag=0

To\_cntr=0

no yes

To\_ErrFlag=1

To\_ErrFlag=0

To\_cntr++

**Qualifier Generation:**

CRC\_ErrFlag||BZ\_ErrFlag||TO\_ErrFlag

yes no

Deb\_Cntr||CRC\_Cntr||To\_Cntr

Qualifier\_Error

yes no

Qualifier\_ok

Qualifier\_Deb