

01 MAR 08

ENTERING MULTI MESSAGES INTO THE ADN MDS

1. The optimum way to enter multi messages into the ADN is to enter the multi directly into the MRQ MBO on the frequency NED-1.

2. Option two: Enter your multi into any of the following MBO using NED-1.

MRN/WA DXB/NCA MRV/AZ MDW/AZ MRU/SCA

3. Option three for region ten only: enter your multi message into any of the following MBO:

MBO MDX/OR MRW/WA MRN/WA
FREQ NDL-NBB-VHF NDL-NBB NED-1 NBB

MBO ADN TRAFFIC RELAY

Some MBO in the PA ADN are configured to forward MULTI messages via other MBO for ultimate forward to MRQ. The forwarding procedure uses backup MBO to ensure delivery. For example MRN tries to forward to MRQ on NED-1 first and then to MDX on NBB. This occurs every 30 minutes until contact is made with either MRQ or MDX. This forwarding procedure is shown below for the MULTI and state traffic in region ten.

MBO	PRI	SEC	TER	TRAFFIC
MRN ->	MRQ	MDX		MULTI
MRQ ->	MDX	MRN	MRW	NOGAB, NOGAO, NOGBP, NOGCC
MDW ->	MDX			CMBMSG, ALLMSG

INBOUND/OUTBOUND (NDN) TRAFFIC

MDW (NN5MDW) and MDX (NN7MDX) are the two NDN MBO that handle the inbound and out bound traffic for the Pacific Area. MDW is the primary NDN MBO with MDX as the secondary in the event that MDW goes down. The traffic flow to accomplish this is as follows.

PRI NDN <-> MDW <-> MRQ
SEC NDN <-> MDX <-> MRQ

MRQ GOES DOWN

If MRQ goes down the MDW sysop converts his MBO into the existing MDW functions on one port and the MRQ functions on the other port. The only difference that users will notice is a difference in propagation to MRQ. The MRQ sysop backs up MRQ every morning and this backup file is posted on the Pacific area web site each morning so that when MRQ goes down the MDW sysop can download the latest backup data for MRQ.

