

STATION #10 – DIGITAL OPERATIONS

- **EQUIPMENT CONFIGURATION FOR PACKET AND PACTOR**
 - **SHOW LOCAL RMS DIAGRAM**
 - **IDENTIFY EQUIPMENT – EXERCISE, NO PACKET**
 - **KENWOOD TM-D710 – BUILT IN TNC**
 - **CAN SEND AND RECEIVE PACKET**
 - **MISSION TRAFFIC LOG AND HANDLING MUST BE AT STATION #10**
 - **LARGE TVs – STA 10/STA 13/TV – TASKING FROM STATION #13**
- **THIS IS THE HEART OF OUR OPERATION (OUTSIDE OF COMFORT ZONE – JUMP IN)**
- **RMS PACKET – RMS STATION**
 - **DEFN: PROVIDES A COMMUNICATIONS PATH BETWEEN A VHF OR UHF PACKET “WL2K USER” AND THE WINLINK COMMON MESSAGE SERVER (CMS). THE RMS PACKET STATION NORMALLY DOES NOT STORE ANY INFORMATION. IT IS NOT A BBS. IT IS NOT A NODE. PASSES MESSAGE TRAFFIC TO THE INTERNET TO CMS**
 - **CHECKLIST WILL BE COMING ON RESETTING THE SYSTEM**
 - **SHOW TRAFFIC MONITOR INTO OUR RMS**
- **RMS EXPRESS – THIS HANDLES OUR MESSAGE TRAFFIC - KNOW BEST WAY TO SEND**
 - **PACKET - VHF (WL2K OR P-P)**
 - **3 LOCAL (N7AST-10, WA7VE-10 & KD7IBA-10)**
 - **OTHER RMS STATIONS e.g. WA STATE AND MT HEBO (W7GC-11)**
 - **PACTOR - HF (WL2K OR P-P)**
 - **NOT EXPECTED KEYBOARD IN OTHER MODES (RTTY, PK31/PK63)**
 - **SHOW TEMPLATE SELECTION FOR NEW MESSAGE**
 - **SHOW STATION LIST**
- **WHAT COMMUNICATIONS IN/OUT?**
 - **COUNTY EM TRAFFIC**
 - **DIGITAL**
 - **HARD COPY (SUPERVISOR)**
 - **INTRA-COUNTY (HOSP/PD/FIRE/CITY EOCs)**
 - **INTER-COUNTY – ASSISTANCE/PASS TRAFFIC**
 - **STATE (OEM) – ONE COUNTY MANAGER WITH FOUR COUNTIES**

- **INFORMATION**

- LIFE OF UNREAD MESSAGE IS 21 DAYS (LEAVE SYSTEM ON)
- DOWNLOADED MESSAGES ARE DELETED FROM ALL CMS WITHIN SECONDS
- CMS FAILURE – STORED ON ALL
- 120000 BYTES IS THE MAXIMUM “COMPRESSED” MESSAGE SIZE THAT WILL BE ACCEPTED FOR WINLINK.
- SMALL MESSAGES (TRANSFER SLOWER THAN DIAL UP) 4K MSG – (30S TO 15M)
- **USER DAILY TIME LIMIT FOR HF USERS IS DEFAULTED TO 30 MINUTES – CAN VARY AND PACKET/TELNET HAS NO USER DAILY TIME LIMITS**
- ATTACHMENTS CAN BE STRIPPED FROM MSG – DEPENDS ON DISTANT END SETTINGS (ATTACHMENTS LIMIT TO 0); WILL ACCEPT ALL EXCEPT .EXE & .ZIP
- ENCOURAGE USE OF VHF/UHF RADIO SPECTRUM, IF A “NON-RADIO” PATH IS NOT AVAILABLE.
- TCP PROTOCOL NOT USED WITH WL2K BECAUSE OF THE OVERHEAD – HIGHER THROUGHPUT
- AMATEUR RADIO DOES NOT ALLOW ENCRYPTION (MARS FREQ OK) – NOT SECURED
- BLIND COPYING A MESSAGE IS NOT ALLOWED
- REGISTRATION IS CANCELLED AFTER 400 DAYS SINCE LAST ACCESS
- WINLINK 2000 (WL2K) IS ALL VOLUNTEER. THEY TRY TO OFFSET SOME OF THE COSTS OF RUNNING SERVERS, REGISTERING INTERNET ADDRESSES AND DOMAINS, LICENSING SOFTWARE ETC WITH DONATIONS. <http://www.arsfi.org/>
- HOW DO I CHOOSE WHICH RMS PACTOR STATION TO USE?
 - AIRMAIL PROPAGATION MODULE
 - TIME OF DAY PROPAGATION
 - DO NOT TRY TO CONNECT ON A FREQUENCY THAT IS IN USE.
 - USE 80 AND 40 METERS IF POSSIBLE
 - FOR US - USE PACTOR 2
 - USE ONE OF THE STATIONS THAT ARE NOT QUITE SO “BUSY”
 - HAVE TO UNDERSTAND CENTER AND DIAL FREQUENCY
 - POWER SHOULD BE LESS THAN 50 WATTS