

D. System Set UP

1. Record assigned equipment from circuit status board
2. Transmit Side
 - a. AN/UGC-6 Teletype
 - (1) Energize
 - (2) Ensure LINE/TEST switch is in LINE position
 - (a) Teletype will "run open" until 60ma current from KW-7 is applied to provide mark or lock-up condition
 - b. SB-1210/UGQ Communications Patch Panel (RED)
 - (1) If teletype equipment assigned is on the same channel as the crypto equipment, no patch is required
 - (a) This applies to the top SET jack only
 - (b) Referred to as "NORMAL THROUGH"
 - (2) If teletype equipment is on a different channel, a DC patch cord must be used to complete the connection
 - (3) WARNING: Always patch from SET to LPG
 - (4) After making the patch, turn the meter switch to appropriate LPG channel number and use the corresponding channel rheostat to adjust the line current for 60ma
 - c. KW-7/TSEC Crypto Device
 - (1) Power ON/OFF switch to ON
 - (a) Power Indicator Light will come on
 - (2) REMOTE/CIPHER/PLAIN switch to CIPHER
 - (a) REMOTE position used when SEND teletype is remotely located from the KW-7/TSEC
 - (b) CIPHER position used for local send/receive operations and when checking alarms
 - (c) PLAIN position used to bypass internal crypto circuits
 1. Steel plate prevents operator from accidentally placing switch in PLAIN position

