INSTRUCTIONS FOR THE USE OF THE MECHANIZED FORM436 AND PLAY436 PROGRAMS

CONTENTS

1.0 ****** GENERAL

AN FCC FORM436 IS USED TO LICENSE AN OUTSTANDING CONSTRUCTION PERMIT 'CP' OR MODIFY THE EXISTING LICENSE OF A POINT-TO-POINT MICROWAVE RADIO STATION.

THESE INSTRUCTIONS ARE INTENDED TO DESCRIBE THE OPERATION OF TWO PROGRAMS IN THE VM370 TIME SHARE COMPUTER THAT PROVIDE AS OUTPUT A 'COMPUTER LISTING' WHICH IS THE DATA IN MECHANIZED FORM REQUIRED TO PROPERLY FILE THE FCC FORM 436.

IMPORTANT—READ NOTE BELOW WHEN PROCESSING LICENSE IN FULL OR LICENSE IN PART LICENSE APPLICATIONS.

NOTE—
TO USE EITHER THE PLAY436 OR FORM436 PROGRAMS (PROGRAM DESCRIPTIONS FOLLOW) TO LICENSE IN FULL OR LICENSE IN PART A PREVIOUSLY GRANTED CONSTRUCTION PERMIT OR A PENDING CONCURRENT 435/436 FILING THE CONSTRUCTION PERMIT APPLICATIONS MUST HAVE BEEN GENERATED BY THE FORM435 PROGRAM. BOTH THE PLAY436 AND FORM436 PROGRAMS ACCESS A DATABASE FILE CREATED BY THE FORM435 PROGRAM. IF THE DATABASE FILE DOES NOT EXIST, THE PROGRAM WILL BE UNABLE TO PROCESS THE LICENSE. IF THE CONSTRUCTION PERMITS WERE NOT PREPARED USING THE FORM435 PROGRAM THE FCC FORM 436 WILL HAVE TO BE PREPARED MANUALLY.

THE PROGRAM DESCRIPTIONS BELOW EXPLAIN THE FUNCTIONS OF THREE PROGRAMS, THE TWO PROGRAMS MENTIONED ABOVE AND AN ADDITIONAL PROGRAM AVAILABLE ON VM CALLED 436FINAL.

1. 1 ** PROGRAM FUNCTIONS

THE PROGRAMS AND THEIR ASSOCIATED FUNCTIOS ARE:

(IMPORTANT REMINDER UNDER (3) SHOULD BE READ.)

1. PLAY436—THIS PROGRAM IS USED TO VERIFY THE INPUT DATA REQUIRED TO SUCCESSFULLY COMPLETE THE FCC FORM436. THE PROGRAM CAN ALSO BE USED AS A TRAINING AID TO FAMILIARIZE A USER WITH THE PROGRAM AND THE PROMPTS (QUESTIONS) THE PROGRAM ISSUES. THE PLAY436 PROGRAM DOES NOT WRITE TO ANY COMPUTER DATABASE FILE.

2. FORM436—THIS PROGRAM PRODUCES THE MECHANIZED DOCUMENT CONTAINING THE DATA REQUIRED TO COMPLETE THE FCC FORM436. DEPENDING ON THE TYPE OF ACTION, THE PROGRAM CAN CHANGE DATA IN ONE OR BOTH OF THE FOLLOWING DATABASE FILES: THE MICROWAVE STATION RECORD 'MSR' WHICH IS THE STATION TECHNICAL FILE AND HISTORY WHICH IS THE HISTORICAL DATA FILE.
   THE PROGRAM ALSO GENERATES A DATA SET WHICH MUST BE USED AS A DATA SOURCE WHEN RUNNING THE 436FINAL PROGRAM.

3. 436FINAL—THIS PROGRAM IS USED TO GENERATE A MECHANIZED DOCUMENT IN A FORMAT THAT FILLS THE STANDARD 14 INCH COMPUTER PAGE. THIS IS THE FORMAT THAT THE FCC REQUESTED FOR 436 APPLICATION FILINGS WHEN PREPARED IN THE MECHANIZED ENVIRONMENT.
   IN ADDITION THIS PROGRAM PERFORMS CROSS CHECKS ON CERTAIN ITEMS THAT ARE COMMON BETWEEN STATIONS IN A MULTIPLE STATION APPLICATION.

REMINDER—

THE 436FINAL PROGRAM IS THE ONLY MEANS AVAILABLE TO FILL IN ITEMS 11 'EXHIBITS' AND ITEM 12 'REMARKS' OF THE COMPUTER LISTING.

WARNING:

THE FORM436 PROGRAM ALTERS DATA IN THE MSR AND/OR HISTORY FILE. THE USER SHOULD BE SURE THE DATA BEING ENTERED INTO THE PROGRAM IS CORRECT OR THE ERRONEOUS DATA WILL BE TRANSFERED INTO THE MSR AND/OR HISTORY FILES. ERRORS MADE IN THE MSR WHICH WERE CAUSED BY ENTERING INCORRECT DATA INTO THE FORM436 PROGRAM CAN BE CORRECTED BY RE-RUNNING THE PROGRAM AND ENTERING THE CORRECT DATA DURING THE SECOND SESSION. THIS PROCEDURE CAN BE USED TO CORRECT ERRORS MADE IN PROCESSING ANY FCC NATURE OF APPLICATION CODE EXCEPT—LICENSE IN FULL (LF), LICENSE IN PART (LP) OR DELETION OF FACILITIES (MD). IF ERRORS ARE MADE IN PROCESSING APPLICATIONS CONTAINING ANY OF THESE THREE CODES, TRANSMISSION ENGINEERING LONG LINES HEADQUARTERS MUST BE CONTACTED TO CORRECT THE ERRORS.

1. 2 ** INFORMATION RESOURCES

SEVERAL SOURCES OF INFORMATION SHOULD BE AVAILABLE BEFORE RUNNING EITHER THE PLAY436 OR FORM436 PROGRAMS. AMONG THE NECESSARY RESOURCES: CATALOG, LSTNDX, HISTORY, LSTADD, PRINTADR, UTILSD, LSTANT, LSTEQP ARE PROGRAMS ON VM WHICH WILL PROVIDE THE ITEMS AS LISTED BELOW UNDER THE REASON REQUIRED COLUMN. THE INSTRUCTIONS WILL REFER THE USER BACK TO THESE SOURCES WHEN IT IS NECESSARY TO DO SO. THE RESOURCES ARE:

SOURCE	REASON NEEDED
CATALOG (VM)	LISTING OF THE TECHNICAL DATA FOR THE STATIONS INVOLVED IN THIS ACTION. (ALSO KNOWN AS THE MICROWAVE STATION RECORD 'MSR'.) (PROGRAM FORMAT ATTACHED.)
LSTNDX (VM)	LISTING OF THE COMMON LANGUAGE CODES 'CLC' FOR YOUR COMPANY. (PROGRAM FORMAT ATTACHED.)
HISTORY (VM)	LISTING OF THE HISTORICAL DATA FOR THE STATIONS INVOLVED IN THIS APPLICATION. (PROGRAM FORMAT ATTACHED.)

LSTADD (VM)	LISTING OF COMPANY NUMBERS AND ADDRESSES AS ASSIGNED BY THE FEDERAL COMMUNICATIONS COMMISSION. TO EXTRACT YOUR NUMBER FROM THIS PROGRAM YOUR COMPANY WILL BE LISTED ON THE LEFT HAND COLUMN UNDER 'COMPANY NAME AND ADDRESS' NOT 'COORDINATOR'S NAME AND ADDRESS' ON THE RIGHT HAND SIDE OF THE PAGE. (PROGRAM FORMAT ATTACHED.)
PRINTADR (VM)	PROVIDES A LISTING OF STATION ADDRESSES OF THE TRANSMIT RADIO STATIONS WITHIN YOUR COMPANY FROM THE MSR. THE PROGRAM PRINTS THE STATION NAME, COMMON LANGUAGE CODE, STREET ADDRESS, CITY NAME, AND COUNTY FOR EACH STATION BY STATE OR BY ENTIRE COMPANY. (PROGRAM FORMAT ATTACHED.)
UTILSD (VM)	PROVIDES A METHOD OF LISTING FAA AUTHORIZATION NUMBERS AND LIGHTING AND MARKING CODES IN THE MSR. THIS DATA DOES NOT PRINT ON THE CATALOG LISTING. OPTION 8 IS THE REQUIRED PROGRAM OPTION. (PROGRAM FORMAT ATTACHED.)
LSTANT (VM)	THIS PROGRAM PROVIDES A LIST OF CODES FOR 2, 4, 6, AND 11 GHZ ANTENNAS NORMALLY USED IN THE COMMON CARRIER BANDS. (PROGRAM FORMAT ATTACHED.)
LSTEQP (VM)	THIS PROGRAM PROVIDES A LIST OF CODES FOR 2, 4, 6, AND 11 GHZ. EQUIPMENT THAT HAS BEEN TYPE ACCEPTED BY THE FCC FOR USE IN THE COMMON CARRIER BANDS. (PROGRAM FORMAT ATTACHED.)
MECHANIZED FCC FORM435 FOR STATIONS INVOLVED IN THIS ACTION	THE MECHANIZED CONSTRUCTION PERMIT APPLICATIONS FOR STATIONS INVOLVED IN THIS ACTION. (DEPENDING ON THE TYPE OF ACTION THE FCC FORM436 IS COVERING THE FCC FORM435 MAY NOT HAVE BEEN REQUIRED.) IF THE ACTION DID NOT REQUIRE PRIOR COMMISSION APPROVAL THE CONSTRUCTION PERMIT MAY NOT HAVE BEEN FILED AND THESE DOCUMENTS MAY NOT EXIST FOR THIS 436 ACTION.
BSP 400-520-103	PREPARATION OF FCC FORM 436. GUIDE TO THE CORRECT PROCEDURES FOR COMPLETING THE FCC FORM 436. THE FORM436 PROGRAM FOLLOWS THE PROCEDURES LAID OUT IN THIS PRACTICE AND THESE INSTRUCTIONS EXPAND ON AREAS OF THE PRACTICE APPLICABLE TO THE PROGRAMS. THESE PROGRAMS ARE BASED UPON THE ADOPTION IN FULL OF FCC DOCKET 20490. THIS DOCKET IS OF MOST CONCERN IN THE AREA OF PERMISSIVE CHANGES AS WILL BE EXPLAINED BELOW UNDER 'CODES'.

BSP 940-330-110	TECHNICAL DATA BASE FOR BELL COMPANIES. TABLES NECESSARY ARE: TABLE A—LONG LINES AREA AND ASSOCIATED IDENTIFICATION CODES. TABLE H—CHANNEL STATUS CODE. TABLE J—TOWER LIGHTING AND MARKING CODES. TABLE K—SITE CERTIFICATION CODES. TABLE N—JOINT LICENSED CODES.
FCC FORM715	OBSTRUCTION MARKING AND LIGHTING SPECIFICATIONS FOR ANTENNA STRUCTURES.
RULES AND REGULATIONS PART 17	COMMISSION RULES AS THEY APPLY TO THE NECESSARY CONDITIONS FOR REPORTING CONSTRUCTION OR MODIFICATION OF ANTENNA STRUCTURES.
ATTACHMENT 1 TO THIS INSTRUCTION	LISTING OF LICENSE STATUS CODES AND CONSTRUCTION PERMIT STATUS CODES USED TO INTERPRET CODES AS THEY APPEAR IN THE HISTORY FILE.
DOCKET 20490	FCC DOCUMENT LISTING PROPOSED REVISIONS TO PART 21 RULES AND REGULATIONS. THIS DOCUMENT IS NECESSARY TO EXPLAIN ITEMS THAT WILL BE TREATED AS A PERMISSIVE CHANGE AFTER ITS ADOPTION IN FULL.

1. 3 ** CODES

THE FOLLOWING TABLE LISTS AND BRIEFLY EXPLAINS THE SIX FCC NATURE OF APPLICATION CODES AND THE 436 PROGRAM ACTION CODES. THE LIST SHOWS WHICH FCC NATURE OF APPLICATION CODES CAN BE USED TO LICENSE THE VARIOUS PROGRAM ACTION CODE.

IN CERTAIN INSTANCES MORE THAN ONE FCC NATURE OF APPLICATION CODE CAN BE USED WITH THE PROGRAM ACTION CODES LISTED IN THE TABLE. ALSO, LISTED IN THE FIELD DESIGNATED 'INSTRUCTIONS' ARE PAGE NUMBERS THAT WILL REFER THE USER TO SPECIFIC INSTRUCTION REGARDING THE PROCESSING OF THE CODES SHOWN IN THE LIST.

PROGRAM ACTION CODE	FCC APPL CODE(S)	EXPLANATION OF CODE	INSTRUCTIONS

THE FCC NATURE OF APPLICATION CODE MR WHICH IS ANOTATED WITH AN ASTERISK (*) IS A PERMISSIVE CHANGE THAT CANNOT BE USED UNTIL THE ADOPTION IN FULL OF DOCKET 20490.

THE FCC NATURE OF APPLICATION CODE LF CAN BE USED TO LICENSE ALL THE PROGRAM ACTION CODES LISTED IN THE TABLE BELOW.

	LF	LICENSE A CP IN FULL	1
	LP	LICENSE A CP IN PART	
	MC	PAPER CHANGES	
	MD	DELETE FACILITIES	2
	MM	CHANGE CONDITIONS OF LICENSE	3
	MR	PERMISSIVE CHANGES	
AF	LP	ADD FREQUENCY	4
AP	LP	ADD POINT OF COMMUNICATION	5
BH	MC	CORRECT BLDG HEIGHT	6
CC	MC MR*	CORRECT COORDINATES	MC-7 MR-8
CL	MC	CORRECT LOCATION	9
CN	MC	CORRECT NAME OF STATION	10
DP	MC	DECREASE POWER	11
DR	MC	DECREASE REC ONLY OR PASSIVE AUTH HGT	12
DX	MC MR*	DECREASE ANT STRUCT HGT	MC-13 MR-14
GE	MC	CORRECT GROUND ELEV	15
IR	MC	INCREASE REC ONLY OR PASSIVE AUTH HGT	16
IX	MC	INCREASE ANT STRUCT HGT	17
MA	MR*	CHANGE ANTENNA CENTERLINE	18
RA	MR	REPLACE ANTENNA	19
RC	MC	CORRECT REC ONLY OR PASSIVE COORDINATES	20
RT	MR	REPLACE TRANSMITTER	21

****** WARNING ******

PENDING THE ADOPTION IN FULL OF FCC DOCKET 20490, THE 'MR' CODE (PERMISSIVE CHANGE) CAN ONLY BE USED TO COVER THE FOLLOWING ACTIONS:

A. ADDITION OF BLINDERS ON EXISTING ANTENNAS PER RULES AND REGULATIONS PARA 21.109(B)

B. CHANGE OR MODIFICATION OF A TRANSMITTER WITH LIKE CHARACTERISTICS PER RULES AND REGULATIONS PARA 21.121(A)

THESE INSTRUCTIONS ARE LAID OUT IN THREE SECTIONS. THE FIRST SECTION CONTAINS THE QUERIES THAT CONSTITUTE THE MAJOR PORTION OF THE PROGRAM AND ARE COMMON FOR ALL CODES. THE SECOND SECTION CONTAINS SPECIFIC INSTRUCTIONS FOR EACH CODE. THE LAST SECTION INCLUDES A REFERENCE GUIDE EXPLAINING THE INFORMATIONAL MESSAGES AND THE ERROR TABLE. THE INFORMATIONAL MESSAGES ARE AIDS WHICH SERVE TO INFORM THE USER THAT CERTAIN ADDITIONAL ITEMS OF INFORMATION MAY BE REQUIRED TO PROPERLY PREPARE THE APPLICATION BEING PROCESSED. THE ERROR TABLE LIST ALL PROGRAM ERROR MESSAGES, THE POSSIBLE CAUSE FOR EACH AND SOURCES OF INFORMATION TO CONSULT IF ERROR MESSAGES APPEAR.

2.0 ****** PROGRAM INSTRUCTIONS

THE PARAGRAPHS WHICH ARE CLOSEST TO THE LEFT MARGIN ARE SO ARRANGED TO HIGHLIGHT THE PROGRAM QUERIES FOR THE USER.

A CARET '>' SYMBOL INDICATES THE PROGRAM IS READY FOR DATA ENTRY. DATA SHOULD NOT BE ENTERED UNTIL THIS SYMBOL IS RECEIVED.

BOXED INSTRUCTIONS ARE EXCEPTIONS THAT ARE TO BE USED WHEN NORMAL PROCESSING IS TO BE BYPASSED OR SOME PROCESSING FUNCTION IS TO BE ALTERED.

FN AS SHOWN IN THE PROGRAM RESPONSE BELOW REPRESENTS 'FILE NAME'. THE FILE NAME IS THE NAME OF A DATA SET THE FORM436 PROGRAM GENERATES AND IS A NAME CHOSEN AND ENTERED BY THE USER SO THE DATA SET CAN BE INDENTIFIED IF REQUIRED LATER. THE FILE TYPE WHICH IS ALWAYS INSERTED BY THE PROGRAM IS CALLED 'DATA'.

TO RUN THE PLAY436 OR FORM436 PROGRAM ENTER EITHER OF THE FOLLOWING CMS COMMANDS:

PLAY436 FN—THIS ENTRY SELECTS THE PLAY436 PROGRAM
FORM436 FN—THIS ENTRY SELECTS THE FORM436 PROGRAM

ONCE THE PROGRAM IS SELECTED, THE RESPONSES FOR EITHER PROGRAM ARE THE SAME.

THE SYSTEM WILL RESPOND:

ENTER THE AREA AND COMPANY NUMBER OF YOUR FIRST STATION
(A-CCCC)
>

ENTER THE AREA AND COMPANY NUMBER IN THE FORMAT INDICATED. IF YOU DO NOT KNOW YOUR AREA AND/OR COMPANY NUMBER CONSULT THE LSTADD PROGRAM FOR YOUR COMPANY NUMBER AND BSP 940-330-110 TABLE A FOR YOUR AREA NUMBER. (KNOWN AS IDENTIFICATION CODE IN THE BSP TABLE.)

SEE ERROR TABLE (1) FOR ANY ERROR MESSAGE YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

STATION DATA FILE NOW OPENED FOR PLAY436 OR FORM436
ENTER THE COMMON LANGUAGE CODE OF THE STATION #1
>

ENTER THE FIRST TRANSMIT STATION COMMON LANGUAGE CODE. IF YOU DO NOT KNOW THE CODE, CONSULT THE MSR OR THE LSTNDX PRINTOUT.

THE SYSTEM WILL RESPOND:

ENTER UP TO 5 NATURE OF APPLICATION CODES FOR (STATION ENTERED ABOVE) SEPARATE EACH CODE BY A COMMA OR BLANK
>

ENTER UP TO 5 FCC NATURE OF APPLICATION CODES.

*****WARNING*****

MC, MM, MD AND LP CODES CAN BE USED TOGETHER.
THE LF CODE MUST BE USED ALONE.

THE SYSTEM WILL RESPOND:

ENTER THE COMMON LANGUAGE CODE OF THE STATION #2
>

CONTINUE TO ENTER COMMON LANGUAGE CODES UNTIL ALL THE CODES ARE ENTERED FOR THIS ACTIVITY. A MAXIMUM OF 55 STATIONS CAN BE PROCESSED AT ONE SESSION. WHEN ALL CODES ARE ENTERED, HIT THE ENTER/RETURN KEY TO CONTINUE TO THE NEXT STEP.

SEE ERROR TABLE (2) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER THE TOTAL NUMBER OF APPLICATIONS IF OTHER THAN (*)
?
>

IF THE NUMBER OF APPLICATIONS REPRESENTED BY THE * EQUAL THE NUMBER OF STATIONS THAT ARE TO BE PROCESSED AT THIS SESSION, HIT THE ENTER/RETURN KEY AND CONTINUE WITH THE INSTRUCTION DIRECTLY BELOW THE BOX. IF NOT READ THE NOTE BELOW.

*****NOTE: A CHANGE IN THE PAGE NUMBERING OF APPLICATIONS IS NECESSARY IN TWO SITUATIONS, THEY ARE:

1. IN THOSE CASES WHERE AN APPLICATION HAS BEEN PREVIOUSLY PROCESSED AND IS IN ERROR. THE COPY BEING PRODUCED BY THIS SESSION WILL SUPERCEDE THE INCORRECT COPY. THE NUMBERING CHANGE IS ONLY NECESSARY IF THE ORIGINAL PAGE NUMBERING IS SOMETHING OTHER THAN 1 OF 1.

2. IF THE NUMBER AS REPRESENTED BY THE * IS LESS THAN THE TOTAL NUMBER OF STATIONS TO BE PROCESSED, THIS INDICATES A STATION WHICH WAS TO BE A PART OF THE SET BEING PROCESSED WAS NOT ENTERED. IN THIS INSTANCE, DETERMINE WHICH STATION WAS MISSED THEN ANSWER THE TOTAL NUMBER QUERY, AS SHOWN ABOVE, BY ENTERING THE TOTAL NUMBER OF STATIONS TO BE PROCESSED INGLUDING THE STATION THAT WAS MISSED. ANSWER THE QUERY REQUESTING THE NUMBER OF THE FIRST STATION BY ENTERING A 1. RUN THE PROGRAM IN THE NORMAL MANNER BEING MINDFUL THAT A STATION IS MISSING. RUN THE PROGRAM A SECOND TIME AND ENTER ONLY THE MISSING STATION. ANSWER THE QUERY REQUESTING THE TOTAL NUMBER OF APPLICATIONS BY ENTERING THE SAME NUMBER USED WHEN RESPONDING TO THE TOTAL APPLICATIONS QUERY ENTERED ON THE FIRST RUN. ANSWER THE QUERY REQUESTING THE NUMBER OF THE FIRST STATION BY AGAIN ENTERING THE NUMBER USED FOR THE QUERY REQUESTING THE TOTAL NUMBER OF APPLICATIONS IN EITHER RUN. INSERT THE PRINTOUT FROM THE SECOND RUN AT THE END OF THE PRINTOUT FOR THE FIRST RUN TO MAKE A COMPLETE SET.

WHEN THE NUMBER OF APPLICATIONS IS CHANGED, THE SYSTEM WILL RESPOND:

ENTER THE APPLICATION NUMBER OF YOUR 1ST STATION
>

ENTER THE NUMBER THIS APPLICATION WILL REPLACE IN THE ORIGINAL SET.

WHEN COMPLETE WITH THIS STEP:

THE SYSTEM WILL RESPOND:

ENTER TYPE OF SERVICE CODE IF NOT POINT-TO-POINT 'CF' (CM,CT)
>

HIT THE ENTER/RETURN KEY IF THE DESIRED RESPONSE IS 'CF' OR TYPE IN 'CM' OR 'CT' IF ONE OF THESE CODES APPLY. BSP 400-520-103 FIGURE 3 EXPLAINS THE CODES.

SEE ERROR TABLE (3) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER DATA FOR STATION (CLC OF 1ST STATION)

CAUTION—

IF THE ACTION BEING PROCESSED IS A DELETION OF FACILITIES AND THE CHANNEL BEING REMOVED IS THE LAST RADIO CHANNEL AT THE STATION WHICH CARRIES A PARTICULAR TYPE OF SERVICE, INSURE THE TYPE OF USE CODE DESCRIBING THAT SERVICE IS NOT ENTERED IN THE QUERY BELOW.

ENTER TYPE OF USE CODES (3 MAX) (TE,TV,OW,SC,CA)
SEPARATE EACH CODE WITH A COMMA OR BLANK
>

THIS IS STATION #1 ENTERED ABOVE.

ENTER UP TO 3 TYPE OF USE CODES. IF THE TYPE OF USE CODES ARE NOT KNOWN, CHECK THE CHANNEL STATUS CODES IN THE MSR AND COMPARE THEM TO TABLE H OF BSP 940-330-110 TO DETERMINE WHAT TYPE SERVICE IS CARRIED AT THAT STATION.
IF THE USER REQUIRES AN EXPLANATION OF THE ABBREVIATIONS USED WITH THE TYPE OF USE CODES SEE BSP 400-520-103 FIGURE 3.

SEE ERROR TABLE (4) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER CLASS OF STATION IF NOT FIXED 'FX' (TF,MO,DFX,DTF,DMO)
>

IF THE USER REQUIRES AN EXPLANATION OF THE ABBREVIATIONS USED WITH THE CLASS OF STATION CODES SEE BSP 400-520-103 FIGURE 3. IF THE CLASS OF STATION IS FIXED 'FX', HIT THE ENTER/RETURN KEY. IF THE CODE IS NOT FIXED, TYPE IN ONE OF THE CODES IN THE PARENTHESIS.

SEE ERROR TABLE (5) FOR ANY ERROR MESSAGE YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER FILE NUMBER OF LICENSE BEING MODIFIED IF NOT: *####–##–#–##*
>

IF THE FILE NUMBER OF THE LICENSE IS THE SAME AS THE ONE REPRESENTED BY THE SERIES OF #'S, HIT THE ENTER/RETURN KEY.

THE FILE NUMBER IS DERIVED FROM THE HISTORICAL DATA FILE (HISTORY) AND THE DATA CAN BE FOUND ON THE HISTORY PRINTOUT IN THE FIELD LABELED 'CURRENT LICENSE #'. IF NO CURRENT LICENSE NUMBER EXISTS IN THIS FIELD, THE STATEMENT 'UNKNOWN' WILL PRINT. IF 'UNKNOWN' APPEARS IN THE LICENSE BEING MODIFIED FIELD, ENTER THE APPLICABLE LICENSE NUMBER IF ONE IS AVAILABLE OR HIT THE ENTER/RETURN KEY IF NONE EXISTS.

*****NOTE: IF 'UNKNOWN' IS ALLOWED TO REMAIN IN THE LICENSE FIELD THE STATEMENT 'SEE REMARKS' WILL BE TRANSFERRED TO THE 'COMPUTER LISTING' GENERATED LATER. THE 'SEE REMARKS' ENTRY IN THE 'FILE NUMBER OF THE LICENSE BEING MODIFIED' FIELD OF THE COMPUTER LISTING MUST BE EXPLAINED IN 'REMARKS' (ITEM 12) OF FCC FORM436.

SEE ERROR TABLE (6) FOR ANY ERROR MESSAGE YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

IF USER WISHES TO BYPASS THIS STATION, READ INFORMATION IN BOX. IF NOT, CONTINUE WITH THE NEXT INSTRUCTION BELOW AND SKIP THE BOXED INSTRUCTIONS.

IF THE 'MC' FCC NATURE OF APPLICATION CODE WAS SELECTED ALONE, THE SYSTEM WILL RESPOND AS IN (1.) BELOW.
IF THE 'MR' FCC NATURE OF APPLICATION CODE WAS SELECTED ALONE, THE SYSTEM WILL RESPOND AS IN (2.) BELOW.
IF THE 'LP' FCC NATURE OF APPLICATION CODE WAS SELECTED ALONE, THE USER SHOULD GO TO THE INSTRUCTIONS FOR THE PROGRAM ACTION CODES PROCESSED UNDER THIS APPLICATION CODE FOR THE PROGRAM RESPONSES.

IF EITHER OR ALL OF THE CODES 'LF', 'MM' OR 'MD' WERE SELECTED ALONE, THIS STEP WOULD BE BYPASSED. GO DIRECTLY TO THE INSTRUCTIONS FOR THE INDIVIDUAL CODES.

COMBINATIONS OF LP, MC, OR MR WILL PROVIDE THE USER WITH AS MANY OF THE QUERIES REQUESTING ACTION CODES AS SHOWN BELOW UNDER (1.) AND (2.) FOR THE 'MR' AND 'MC' CODES AND UNDER THE INSTRUCTIONS FOR THE INDIVIDUAL CODES FOR THE 'LP' CODE AS WERE SELECTED AT THE BEGINNING OF THE PROGRAM. THE QUERY REQUESTING THE USER SELECT THE DESIRED ACTION CODES WILL APPEAR THEN SPECIFIC QUESTIONS FOR EACH ACTION CODE WHICH WILL APPLY TO THAT CODE WILL BE DISPLAYED. AFTER THE RESPONSES FOR THE FIRST NATURE OF APPLICATION CODE ARE COMPLETED, THE NEXT QUERY REQUESTING ACTION CODES WILL APPEAR. THIS QUERY APPLIES TO THE SECOND APPLICATION CODE SELECTED. THIS PROCESS WILL CONTINUE UNTIL ALL THE FCC NATURE OF APPLICATION CODES SELECTED ABOVE ARE PROCESSED.

(1.)

ENTER UP TO 11 ACTION CODES FOR (CLC OF STATION)
SEPARATE EACH CODE BY A COMMA OR A BLANK
VALID ACTION CODES ARE: CN,CL,IX,DX,CC,GE,BH,DP,DR,RC,IR
>

(2.)

ENTER UP TO 5 ACTION CODES FOR (CLC OF STATION)
SEPARATE EACH CODE BY A COMMA OR BLANK
VALID ACTION CODES ARE: DX,CC,RA,MA,RT
>

ENTER ALL OF THE CODES THAT APPLY. THE CODES MAY BE ENTERED IN ANY COMBINATION.

SEE ERROR TABLE (7) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA .

****

SHOULD IT BE DETERMINED AFTER A TRANSMIT CLC HAS BEEN ENTERED THAT THE STATION IS NOT TO BE PROCESSED, THE USER SHOULD HIT THE ENTER/RETURN KEY INSTEAD OF ENTERING ANY ACTION CODE.

THE SYSTEM WILL RESPOND:

NO ACTION CODES ENTERED. ENTER A 1 TO RE-ENTER
CODES, OR A 2 IF NO CODES ARE TO BE ENTERED.
>

IF A 1 IS ENTERED, THE PROGRAM WILL RESPOND BY DISPLAYING THE APPLICABLE QUERY AS SHOWN ABOVE AGAIN. THIS GIVES THE USER THE OPPORTUNITY TO ENTER THE REQUIRED ACTION CODES. ENTER THE REQUIRED CODES FOR THIS STATION.

IF A 2 IS ENTERED, THE SYSTEM WILL EITHER RESPOND BY REQUESTING DATA FOR THE NEXT STATION TO BE PROCESSED OR IF THE STATION BEING THE LAST STATION THE PROGRAM TERMINATES.

WHEN THE FORM436 IS RUN, THE MSR ISSUE NUMBER WILL BE INCREASED BY ONE. THIS FEATURE IS AUTOMATIC AND WILL INCREASE THE ISSUE NUMBER REGARDLESS OF THE FACT THE STATION IS PROCESSED OR BYPASSED.

****

2. 1 ** INSTRUCTION #1: LF NATURE OF APPLICATION CODE

THE SYSTEM WILL RESPOND:

ENTER THE SERVICE TEST DATE IN THE FORMAT
(MM/DD/YY)
>

ENTER THE DATE SERVICE TESTING WILL BEGIN. IF A DATE TO BE ENTERED HAS ONLY ONE NUMBER, ENTER A LEADING ZERO (0) TO FILL THE FIELD. INSURE THE NUMBERS ARE SEPARATED WITH A SLASH (/) AS INDICATED IN THE FORMAT OF THE QUERY SHOWN ABOVE. IF THE NUMBERS ARE NOT ENTERED IN THE CORRECT FORMAT THE PROGRAM WILL NOT TRANSFER THE DATE TO THE 'COMPUTER LISTING'. THE PROGRAM WILL LEAVE THE FIELD BLANK.

THE SYSTEM WILL RESPOND:

ENTER THE EIC NOTIFICATION DATE IN THE FORMAT
(MM/DD/YY)
>

ENTER THE DATE THE ENGINEER IN CHARGE WILL BE NOTIFIED. IF A DATE TO BE ENTERED HAS ONLY ONE NUMBER, ENTER A LEADING ZERO (0) TO FILL THE FIELD. INSURE THE NUMBERS ARE SEPARATED WITH A SLASH (/) AS INDICATED IN THE FORMAT OF THE QUERY SHOWN ABOVE. IF THE NUMBERS ARE NOT ENTERED IN THE CORRECT FORMAT THE PROGRAM WILL NOT TRANSFER THE DATE TO THE 'COMPUTER LISTING'. THE PROGRAM WILL LEAVE THE FIELD BLANK.

SEE ERROR TABLE (19) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR NATURE OF APPLICATION CODE **LF**
>

ENTER THE COMMON LANGUAGE CODE OF THE STATION THAT IS THE RECEIVE POINT FOR THE TRANSMIT STATION FOR WHICH THE LICENSE IN FULL APPLICATION IS BEING PROCESSED. THE RECEIVE STATION SHOULD BE THE POINT THAT IS INVOLVED IN THE ACTION BEING PROCESSED.

SEE ERROR TABLE (8) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER ROUTE FILE NUMBER IN THE FORMAT
(RRRRRRRR)
>

ENTER THE ROUTE FILE NUMBER FOR THE ACTIVITY BEING PROCESSED.

THE ROUTE FILE NUMBER CAN BE FOUND ON THE HISTORY PRINTOUT FOR THE TRANSMIT STATION BEING PROCESSED. THE ROUTE FILE NUMBERS ARE FILED UNDER THE RECEIVE STATIONS ASSOCIATED WITH THIS TRANSMIT STATION ON THE PRINTOUT.

SEE ERROR TABLE (20) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A AND 4B, 5A THROUGH 5F, 5K AND 5L.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX *
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #7 FOR EXPLANATION)

2. 2 ** INSTRUCTION #2: MD NATURE OF APPLICATION CODE

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **MD**
>

ENTER THE COMMON LANGUAGE CODE OF THE STATION THAT IS THE RECEIVE POINT FOR THE TRANSMIT STATION WHERE A TRANSMITTER FREQUENCY IS BEING DELETED OR WHICH IS THE POINT OF COMMUNICATIONS THAT IS BEING DELETED.

SEE ERROR TABLE (8) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

WARNING:

ENTERING YES TO THE QUERY BELOW, WILL DIRECT THE PROGRAM TO DELETE THE RECEIVE POINT ENTERED ABOVE. THIS ACTION WILL REMOVE THE STATION AS A RECEIVE POINT IN THE MSR OF THE ASSOCIATED TRANSMIT STATION. WHEN THIS ACTION IS INITIATED, THE DATA ERASED AS A RESULT OF THE DELETION IS VIRTUALLY IMPOSSIBLE TO RETRIEVE.

THE SYSTEM WILL RESPOND:

DO YOU WANT TO DELETE (CLC OF STATION) AS A POINT OF COMMUNICATIONS? (YES/NO)
>

IF THE PROGRAM IS BEING RUN TO DELETE THE STATION NAMED IN THE QUERY ABOVE AS A POINT OF COMMUNICATIONS, ENTER 'YES'. IF THE PROGRAM IS BEING RUN TO DELETE FREQUENCIES ONLY, THE QUERY SHOULD BE ANSWERED 'NO'.

TO PROPERLY EXECUTE THE DELETION OF A POINT OF COMMUNICATION, THE RESPONSE 'YES' MUST BE SPELLED OUT COMPLETELY. IF THE RESPONSE ENTERED IS ANYTHING OTHER THAN THE COMPLETE WORD 'YES', THE PROGRAM WILL NOT PROCESS THE STATION TO DELETE IT AS A POINT OF COMMUNICATIONS, RATHER THE PROGRAM WILL ATTEMPT TO PROCESS THE STATION TO DELETE FREQUENCIES ONLY.

TO DELETE A POINT OF COMMUNICATINS, FOLLOW THE BOXED INSTRUCTIONS. TO DELETE A FREQUENCY OR GROUP OF FREQUENCIES FOLLOW THE INSTRUCTIONS DIRECTLY UNDER THE BOX.

****

SEE ERROR TABLE (22) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

STATION (CLC OF STATION) HAS BEEN DELETED FROM THE MSR

THIS MESSAGE INFORMS THE USER THAT THE STATION NAMED IN THE PROGRAM RESPONSE HAS BEEN DELETED FROM THE MSR AS MENTIONED EARLIER.

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR NATURE OF APPL CODE **MD**
>

THE USER NOW HAS THE OPPORTUNITY TO ENTER ANOTHER RECEIVE STATION ASSOCIATED WITH THE FIRST TRANSMIT STATION ENTERED AT THE BEGINNING OF THE PROGRAM. IF THERE ARE NO MORE RECEIVE STATIONS ASSOCIATED WITH THIS TRANSMIT STATION TO PROCESS, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

REMINDER—

IF THE INFORMATIONAL MESSAGE APPEARS INDICATING THAT THE STATION BEING PROCESSED IS A JOINTLY LICENSED FACILITY, THE USER SHOULD DETERMINE IF THE ANTENNAS SHOWN DELETED IN ITEM 9 ON THE COMPUTER LISTING FURNISH SERVICE FOR ANOTHER COMPANY. IN THAT CASE, ITEM 12 'REMARKS' SHOULD BE FILLED IN STATING THE ANTENNAS ARE ONLY BEING DELETED FOR THE COMPANY FILING THIS APPLICATION, MENTIONING IN THE REMARKS, THAT ANOTHER COMPANY ALSO USES THIS ANTENNA SYSTEM FOR SERVICE TOWARDS THE SAME RECEIVE POINT OF COMMUNICATION.

****

THE SYSTEM WILL RESPOND:

ENTER FREQUENCY TO BE REMOVED
?
>

ENTER THE FREQUENCY BEING DELETED TOWARDS THE RECEIVE POINT ENTERED ABOVE.

SEE ERROR TABLE (11) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER FREQUENCY TO BE REMOVED
?
>

ENTER THE NEXT FREQUENCY TO BE PROCESSED TOWARDS THE SAME RECEIVE POINT. THE PROGRAM WILL CONTINUE TO RECYCLE THROUGH RECEIVE POINT. THE PROGRAM WILL CONTINUE TO RECYCLE THROUGH THESE TWO QUERIES UNTIL THE USER HAS ENTERED ALL THE FREQUENCIES BEING DELETED TOWARDS THIS RECEIVE POINT. WHEN ALL THE FREQUENCIES HAVE BEEN ENTERED, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **MD**
?
>

THE USER NOW HAS THE OPPORTUNITY TO ENTER ANOTHER RECEIVE STATION ASSOCIATED WITH THE FIRST TRANSMIT STATION ENTERED AT THE BEGINNING OF THE PROGRAM. IF THERE ARE NO MORE RECEIVE STATIONS ASSOCIATED WITH THIS TRANSMIT STATION TO PROCESS, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

WHEN THE PROGRAM IS BEING RUN TO DELETE A POINT OF COMMUNICATIONS.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5F, 5K, 5L, 6A THROUGH 6C, 6F, 6G, 6J, 6K, 6N, 7A THROUGH 7L, 8A THROUGH 8H, 8J, 9A THROUGH 9C.

IN ADDITION, DEPENDING ON THE INSTALLATION, THE FOLLOWING ITEMS OR COMBINATION OF ITEMS LISTED BELOW WILL ALSO BE FILLED OUT.

ITEM 6D WILL BE FILLED IN IF IT IS NECESSARY TO INDICATE THE TRANSMITTER CONFIGURATION.

ITEMS 6H AND 6I WILL BE FILLED IN IF THE TRANSMIT STATION BEING PROCESSED HAS A TRANSMIT DIVERSITY ANTENNA.

ITEM 6L AND 6M WILL BE FILLED IN IF THE TRANSMIT STATION BEING PROCESSED HAS A RECEIVE DIVERSITY ANTENNA.

ITEM 8I WILL BE FILLED IN IF THE EQUIPMENT BEING DELETED HAS A MODULE CODE.

WHEN STATION IS PROCESSED TO DELETE FREQUENCIES.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5F, 5K, 5L, 6A THROUGH 6C, 6N, 8A THROUGH 8H, 8J.

IN ADDITION, DEPENDING ON THE INSTALLATION, THE FOLLOWING ITEMS OR COMBINATION OF ITEMS LISTED BELOW WILL ALSO BE FILLED OUT.

ITEM 6D WILL BE FILLED IN IF IT IS NECESSARY TO INDICATE THE TRANSMITTER CONFIGURATION.

ITEM 6H AND 6I WILL BE FILLED IN IF THE TRANSMIT STATION BEING PROCESSED HAS A TRANSMIT DIVERSITY ANTENNA.

ITEM 6L AND 6M WILL BE FILLED IN IF THE TRANSMIT STATION BEING PROCESSED HAS A RECEIVE DIVERSITY ANTENNA.

ITEM 8I WILL BE FILLED IN IF THE EQUIPMENT BEING DELETED HAS A MODULE CODE.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #7 FOR EXPLANATION)

2. 3 **INSTRUCTION #3: MM NATURE OF APPLICATION CODE

GENERALLY, THE MM NATURE OF APPLICATION CODE IS NOT USED ALONE. THIS CODE IS USUALLY USED IN CONJUNCTION WITH ANOTHER NATURE OF APPLICATION CODE WHEN REPORTING MODIFICATIONS TO THE OVERALL HEIGHT OF THE STRUCTURE, CHANGING THE TERMS AND CONDITIONS OF THE LICENSE AS IT AFFECTS THE MARKING AND LIGHTING REQUIREMENTS.

NO PROGRAM QUERIES ARE GENERATED BY THIS CODE.

THIS CODE ENTERS ONLY DATA INTO ITEMS ON THE COMPUTER LISTING THAT ARE COMMONLY FILLED IN FOR ALL NATURE OF APPLICATION CODES. REPORTING CHANGES TO THE TERMS AND CONDITIONS OF A LICENSE REGARDING THE MODIFICATION OF MARKING AND LIGHTING REQUIREMENTS MUST BE ENTERED IN THE REMARKS FIELD, ITEM 12, OF THE COMPUTER LISTING USING THE 436FINAL PROGRAM.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:
(THESE INFORMATIONAL MESSAGES MAY BE GENERATED BY THE OTHER CODES BEING PROCESSED AT THE SAME SESSION.)

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

**FAA STUDY MAY BE REQUIRED

FAA AUTHORIZATION FOR THIS STATION IS ####
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #5 FOR EXPLANATION OF THESE ITEMS)

**TOWER LIGHTING & MARKING IS SPECIFIED BY PARAGRAPHS: #,#
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #6 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE #7 FOR EXPLANATION)

2. 4 ** INSTRUCTION #4: LP NATURE OF APPLICATION CODE & AF PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER THE SERVICE TEST DATE IN THE FORMAT
(MM/DD/YY)
>

ENTER THE DATA SERVICE TESTING WILL BEGIN. IF A DATE TO BE ENTERED HAS ONLY ONE NUMBER, ENTER A LEADING ZERO (0) TO FILL THE FIELD. INSURE THE NUMBERS ARE SEPARATED WITH A SLASH (/) AS INDICATED IN THE FORMAT OF THE QUERY SHOWN ABOVE. IF THE NUMBERS ARE NOT ENTERED IN THE CORRECT FORMAT THE PROGRAM WILL NOT TRANSFER THE DATE TO THE 'COMPUTER LISTING'. THE PROGRAM WILL LEAVE THE FIELD BLANK.

THE SYSTEM WILL RESPOND:

ENTER THE EIC NOTIFICATION DATE IN THE FORMAT
(MM/DD/YY)
>

ENTER THE DATE THE ENGINEER IN CHARGE WILL BE NOTIFIED. IF A DATE TO BE ENTERED HAS ONLY ONE NUMBER, ENTER A LEADING ZERO (0) TO FILL THE FIELD. INSURE THE NUMBERS ARE SEPARATED WITH A SLASH (/) AS INDICATED IN THE FORMAT OF THE QUERY SHOWN ABOVE. IF THE NUMBERS ARE NOT ENTERED IN THE CORRECT FORMAT THE PROGRAM WILL NOT TRANSFER THE DATE TO THE 'COMPUTER LISTING'. THE PROGRAM WILL LEAVE THE FIELD BLANK.

SEE ERROR TABLE (19) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER UP TO 2 ACTION CODES FOR (CLC OF STATION)
SEPARATE EACH CODE WITH A COMMA OR BLANK
VALID ACTION CODES ARE: AF, AP
>

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **AF**
>

ENTER THE COMMON LANGUAGE CODE OF THE STATION THAT IS THE RECEIVE POINT FOR THE TRANSMIT STATION WHERE THE FREQUENCY IS BEING ADDED.

SEE ERROR TABLE (8) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER ROUTE FILE NUMBER IN THE FORMAT
(RRRRRRRR)
>

ENTER THE ROUTE FILE NUMBER FOR THE ACTIVITY BEING PROCESSED.

THE ROUTE FILE NUMBER CAN BE FOUND ON THE HISTORY PRINTOUT FOR THE TRANSMIT STATION BEING PROCESSED. THE ROUTE FILE NUMBERS ARE FILED UNDER THE RECEIVE STATIONS ASSOCIATED WITH THIS TRANSMIT STATION ON THE PRINTOUT.

SEE ERROR TABLE (20) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

CAUTION:

ONCE A FREQUENCY IS ENTERED IN RESPONSE TO THE QUERY BELOW, THE PROGRAM WILL ENTER A STATUS CODE INTO THE HISTORY FILE FOR THE STATION BEING PROCESSED INDICATING THE FREQUENCY JUST ENTERED HAS ALREADY BEEN FILED. THIS WILL PREVENT THE PROGRAM FROM PROCESSING THAT FREQUENCY AGAIN. IF THE FREQUENCY THE USER ENTERS IS INCORRECT, TRANSMISSION ENGINEERING LONG LINES HEADQUARTERS MUST BE RELIED UPON TO REMOVE THE STATUS CODE FROM THE INCORRECT FREQUENCY SO PROGRAM CAN PROCESS THE FREQUENCY LATER.

THE SYSTEM WILL RESPOND:

ENTER FREQUENCY TO BE FILED FOR
?
>

ENTER THE FREQUENCY OF THE TRANSMITTER BEING ADDED TOWARDS THE RECEIVE STATION ENTERED ABOVE.

SEE ERROR TABLE (21) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER FREQUENCY TO BE FILED FOR
?
>

ENTER THE NEXT FREQUENCY TO BE PROCESSED TOWARDS THE SAME RECEIVE POINT. THE PROGRAM WILL CONTINUE TO RECYCLE THROUGH THIS QUERY UNTIL THE USER HAS ENTERED ALL THE FREQUENCIES BEING ADDED AT THIS TIME TOWARDS THIS RECEIVE POINT. WHEN ALL THE FREQUENCIES HAVE BEEN ENTERED, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **AF**
>

THE USER NOW HAS THE OPPORTUNITY TO ENTER ANOTHER RECEIVE STATION ASSOCIATED WITH THE FIRST TRANSMIT STATION ENTERED AT THE BEGINNING OF THE PROGRAM. IF THERE ARE NO MORE RECEIVE STATIONS ASSOCIATED WITH THIS TRANSMIT STATION TO PROCESS, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A AND 4B, 5A THROUGH 5F, 5K AND 5L, 6A THROUGH 6C, 6E THROUGH 6G, 6J AND 6K, 6N, 8A THROUGH 8H, 8J, 9A THROUGH 9C.

ITEM 6D WILL BE FILLED IN IF IT IS NECESSARY TO INDICATE THE TRANSMITTER CONFIGURATION.

ITEMS 6H AND 6I WILL BE FILLED IN IF THE TRANSMIT STATION BEING PROCESSED HAS A TRANSMIT DIVERSITY ANTENNA.

ITEMS 6L AND 6M WILL BE FILLED IN IF THE TRANSMIT STATION BEING PROCESSED HAS A RECEIVE DIVERSITY ANTENNA.

ITEM 8I WILL BE FILLED IN IF THE EQUIPMENT BEING ADDED HAS A MODULE CODE.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #7 FOR EXPLANATION)

2. 5 **INSTRUCTION #5: LP NATURE OF APPLICATION CODE & AP PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER THE SERVICE TEST DATE IN THE FORMAT
(MM/DD/YY)
>

ENTER THE DATE SERVICE TESTING WILL BEGIN. IF A DATE TO BE ENTERED HAS ONLY ONE NUMBER, ENTER A LEADING ZERO (0) TO FILL THE FIELD. INSURE THE NUMBERS ARE SEPARATED WITH A SLASH (/) AS INDICATED IN THE FORMAT OF THE QUERY SHOWN ABOVE. IF THE NUMBERS ARE NOT ENTERED IN THE CORRECT FORMAT THE PROGRAM WILL NOT TRANSFER THE DATE TO THE 'COMPUTER LISTING'. THE PROGRAM WILL LEAVE THE FIELD BLANK.

THE SYSTEM WILL RESPOND:

ENTER THE EIC NOTIFICATION DATE IN THE FORMAT
(MM/DD/YY)
>

ENTER THE DATE THE ENGINEER IN CHARGE WILL BE NOTIFIED. IF A DATE TO BE ENTERED HAS ONLY ONE NUMBER, ENTER A LEADING ZERO (0) TO FILL THE FIELD. INSURE THE NUMBERS ARE SEPARATED WITH A SLASH (/) AS INDICATED IN THE FORMAT OF THE QUERY SHOWN ABOVE. IF THE NUMBERS ARE NOT ENTERED IN THE CORRECT FORMAT THE PROGRAM WILL NOT TRANSFER THE DATE TO THE 'COMPUTER LISTING'. THE PROGRAM WILL LEAVE THE FIELD BLANK.

SEE ERROR TABLE (19) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER UP TO 2 ACTION CODES FOR (CLC OF STATION)
SEPARATE EACH CODE WITH A COMMA OR BLANK
VALID ACTION CODES ARE: AF,AP
>

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **AP**
>

ENTER THE COMMON LANGUAGE CODE OF THE STATION THAT IS THE NEW RECEIVE POINT FOR THE TRANSMIT STATION WHERE A NEW POINT OF COMMUNICATIONS IS BEING ADDED.

SEE ERROR TABLE (8) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER ROUTE FILE NUMBER IN THE FORMAT
(RRRRRRRR)
>

ENTER THE ROUTE FILE NUMBER FOR THE ACTIVITY BEING PROCESSED.

THE ROUTE FILE NUMBER CAN BE FOUND ON THE HISTORY PRINTOUT FOR THE TRANSMIT STATION BEING PROCESSED. THE ROUTE FILE NUMBERS ARE FILED UNDER THE RECEIVE STATIONS ASSOCIATED WITH THIS TRANSMIT STATION ON THE PRINTOUT.

SEE ERROR TABLE (20) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

CAUTION:

ONCE A FREQUENCY IS ENTERED IN RESPONSE TO THE QUERY BELOW, THE PROGRAM WILL ENTER A STATUS CODE INTO THE HISTORY FILE FOR THE STATION BEING PROCESSED INDICATING THE FREQUENCY JUST ENTERED HAS ALREADY BEEN FILED. THIS WILL PREVENT THE PROGRAM FROM PROCESSING THAT FREQUENCY AGAIN. IF THE FREQUENCY THE USER ENTERS IS INCORRECT, TRANSMISSION ENGINEERING LONG LINES HEADQUARTERS MUST BE RELIED UPON TO REMOVE THE STATUS CODE FROM THE INCORRECT FREQUENCY SO PROGRAM CAN PROCESS THE FREQUENCY LATER.

THE SYSTEM WILL RESPOND:

ENTER FREQUENCY TO BE FILED FOR
?
>

ENTER THE FREQUENCY OF THE TRANSMITTER BEING ADDED TOWARDS THE NEW RECEIVE STATION ENTERED ABOVE.

SEE ERROR TABLE (21) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER FREQUENCY TO BE FILED FOR
?
>

ENTER THE NEXT FREQUENCY TO BE PROCESSED TOWARDS THE SAME RECEIVE POINT. THE PROGRAM WILL CONTINUE TO RECYCLE THROUGH THIS QUERY UNTIL THE USER HAS ENTERED ALL THE FREQUENCIES BEING ADDED TOWARDS THIS NEW RECEIVE POINT. WHEN ALL THE FREQUENCIES HAVE BEEN ENTERED, THE USER SHOULD HIT THE ENTER/-RETURN KEY TO CONTINUE.

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **AP**
>

THE USER NOW HAS THE OPPORTUNITY TO ENTER ANOTHER NEW RECEIVE STATION ASSOCIATED WITH THE FIRST TRANSMIT STATION ENTERED AT THE BEGINNING OF THE PROGRAM. IF THERE ARE NO MORE NEW RECEIVE STATIONS ASSOCIATED WITH THIS TRANSMIT STATION TO PROCESS, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A AND 4B, 5A THROUGH 5F, 5K AND 5L, 6A THROUGH 6C, 6E THROUGH 6G, 6J AND 6K, 6N, 7A THROUGH 7L, 8A THROUGH 8H, 8J, 9A THROUGH 9C.

ITEM 6D WILL BE FILLED IN IF IT IS NECESSARY TO INDICATE THE TRANSMITTER CONFIGURATION.

ITEMS 6H AND 6I WILL BE FILLED IN IF THE TRANSMIT STATION BEING PROCESSED HAS A TRANSMIT DIVERSITY ANTENNA.

ITEMS 6L AND 6M WILL BE FILLED IN IF THE TRANSMIT STATION BEING PROCESSED HAS A RECEIVE DIVERSITY ANTENNA.

ITEM 8I WILL BE FILLED IN IF THE EQUIPMENT BEING ADDED HAS A MODULE CODE.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #7 FOR EXPLANATION)

2. 6 **INSTRUCTION #6: MC NATURE OF APPLICATION CODE & BH PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER THE CORRECT BUILDING HEIGHT IF NOT ###.#
?
>

ENTER THE CORRECT BUILDING HEIGHT IF THE CORRECT FIGURE IS SOME VALUE OTHER THAN THAT REPRESENTED BY THE #'S IN THE QUERY. IF THE VALUE IS CORRECT HIT THE ENTER/RETURN KEY.

IF IT BECOMES NECESSARY TO VERIFY THE BUILDING HEIGHT, CONSULT THE CATALOG PRINTOUT. THE BUILDING HEIGHT CAN BE FOUND IN THE FIELD LABELED 'BLD HGT'.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5F, 5H, 5K AND 5L.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

**ANTENNA SUPPORTING STRUCTURE (VERTICAL PROFILE SKETCH) MUST BE ATTACHED
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #4 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE #7 FOR EXPLANATION)

2. 7 **INSTRUCTION #7: MC NATURE OF APPLICATION CODE & CC PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER THE CORRECT COORDINATES FOR TRANSMIT STATION XXXXXXXXXXX
OLD COORDINATES ARE *##-##-## ###-##-##* IN THE FORMAT
(DD,MM,SS,DDD,MM,SS)
?
>

ENTER THE CORRECT COORDINATES AS INSTRUCTED BY THE QUERY FOR THE STATION REPRESENTED BY THE X'S. EVEN IF ONLY ONE OF THE SIX COORDINATE VALUES IS TO BE CORRECTED, ALL 6 FIELDS MUST BE FILLED. ENTER INTO THE COORDINATE FIELDS WHICH ARE CORRECT, THE OLD VALUES AS REPRESENTED BY THE #'S IN THE QUERY. ADD THE NEW FIGURE TO THE FIELD THAT IS BEING CORRECTED. IF ALL THE FIGURES ARE CORRECT ENTER THE SIX FIGURES AS REPRESENTED BY THE #'S TO CONTINUE.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5F, 5K AND 5L.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

**TOPOGRAPHIC MAP MAY BE REQUIRED
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #2 FOR EXPLANATION)

**FREQUENCY COORDINATION MAY BE REQUIRED
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #3 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE #7 FOR EXPLANATION)

2. 8 ** INSTRUCTION #8: MR NATURE & CC PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER THE CORRECT COORDINATES FOR TRANSMIT STATION XXXXXXXXXXX
OLD COORDINATES ARE ##-##-## ###-##-## IN THE FORMAT
(DD,MM,SS,DDD,MM,SS)
?
>

ENTER THE CORRECT COORDINATES AS INSTRUCTED BY THE QUERY FOR THE STATION REPRESENTED BY THE X'S. EVEN IF ONLY ONE OF THE SIX COORDINATE VALUES IS TO BE CORRECTED, ALL 6 FIELDS MUST BE FILLED. ENTER INTO THE COORDINATE FIELDS WHICH ARE CORRECT, THE OLD VALUES AS REPRESENTED BY THE #'S IN THE QUERY. ADD THE NEW FIGURE TO THE FIELD THAT IS BEING CORRECTED. IF ALL THE FIGURES ARE CORRECT ENTER THE SIX FIGURES AS REPRESENTED BY THE #'S TO CONTINUE.

SEE ERROR TABLE (10) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5F, 5K AND 5L.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

**TOPOGRAPHIC MAP MAY BE REQUIRED
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #2 FOR EXPLANATION)

**FREQUENCY COORDINATION MAY BE REQUIRED
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #3 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE #7 FOR EXPLANATION)

2. 9 ** INSTRUCTION #9: MC NATURE OF APPLICATION CODE & CL PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER CORRECT STREET ADDRESS OF TRANSMIT STATION XXXXXXXXXXX IF NOT:
(STREET ADDRESS OF STATION)
>

ENTER THE CORRECT NAME OF THE STREET WHERE THE TRANSMIT STATION IS LOCATED IF NOT THAT REPRESENTED BY THE X'S IN THE SYSTEM QUERY. IF THE STREET ADDRESS IS CORRECT, HIT THE ENTER/RETURN KEY.

THIS ITEM CAN BE CHECKED BY REVIEWING THE 'PRINTADR' PRINTOUT. THE PRINTADR PROGRAM DERIVES THE ADDRESS FROM THE MSR.

THE SYSTEM WILL RESPOND:

ENTER THE CORRECT CITY NAME IF NOT: XXXXXXXXXXX
>

ENTER THE CORRECT NAME OF THE CITY WHERE THE TRANSMIT STATION IS LOCATED IF NOT THAT REPRESENTED BY THE X'S IN THE SYSTEM QUERY. IF THE CITY NAME IS CORRECT, HIT THE ENTER/RETURN KEY.

THIS ITEM CAN BE CHECKED BY REVIEWING THE 'PRINTADR' PRINTOUT. THE PRINTADR PROGRAM DERIVES THE CITY NAME FROM THE MSR.

THE SYSTEM WILL RESPOND:

ENTER CORRECT COUNTY NAME IF NOT: XXXXXXXXXXX
>

ENTER THE CORRECT NAME OF THE COUNTY WHERE THE TRANSMIT STATION IS LOCATED IF NOT THAT REPRESENTED BY THE X'S IN THE SYSTEM QUERY. IF THE COUNTY NAME IS CORRECT, HIT THE ENTER/RETURN KEY.

THIS ITEM CAN BE CHECKED BY REVIEWING THE 'PRINTADR' PRINTOUT. THE PRINTADR PROGRAM DERIVES THE COUNTY NAME FROM THE MSR.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5F, 5K AND 5L.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE #7 FOR EXPLANATION)

2.10 ** INSTRUCTION #10: MC NATURE OF APPLICATION CODE & CN PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER CORRECT NAME OF TRANSMIT STATION IF NOT: XXXXXXXXXXX
>

ENTER THE NEW OR CORRECT NAME OF THE TRANSMIT STATION BEING PROCESSED, IF THE NAME IS NOT THAT REPRESENTED BY THE X'S IN THE QUERY. THE NAME OF THE STATION SHALL NOT BE LONGER THAN ELEVEN (11) CHARACTERS. IF THE STATION NAME IS CORRECT AS SHOWN IN THE QUERY, ENTER THE NAME AS REPRESENTED BY THE X'S TO CONTINUE.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5F, 5K AND 5L.

IN ADDITION THE HEADING AT THE TOP OF THE 'COMPUTER LISTING' NAMING THE STATION BEING APPLIED FOR WILL SHOW THE NEW NAME OF THE STATION.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE #7 FOR EXPLANATION)

2.11 ** INSTRUCTION #11: MC NATURE OF APPLICATION CODE & DP PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **DP**
>

ENTER THE COMMON LANGUAGE CODE OF THE STATION THAT IS THE RECEIVE POINT FOR THE STATION WHERE THE TRANSMITTER POWER IS BEING DECREASED.

SEE ERROR TABLE (8) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER FREQUENCY TO BE FILED FOR
?
>

ENTER THE FREQUENCY OF THE TRANSMITTER BEING MODIFIED TO DECREASE THE POWER OUTPUT.

SEE ERROR TABLE (11) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER THE CORRECT TRANSMIT POWER, IN DBM, IF NOT ## DBM
?
>

ENTER THE OUTPUT POWER IN DBM FOR THE FREQUENCY JUST ENTERED. THE POWER ENTERED SHOULD BE SOME VALUE LOWER THAN THAT REPRESENTED BY THE ##'S IN THE SYSTEM QUERY.

SEE ERROR TABLE (12) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER FREQUENCY TO BE FILED FOR
?
>

ENTER THE NEXT FREQUENCY TO BE PROCESSED TOWARDS THE SAME RECEIVE POINT. THE PROGRAM WILL CONTINUE TO RECYCLE THROUGH THESE TWO QUERIES UNTIL THE USER HAS ENTERED ALL THE FREQUENCIES BEING MODIFIED TOWARDS THIS RECEIVE POINT. WHEN ALL THE FREQUENCIES HAVE BEEN ENTERED, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **DP**
>

THE USER NOW HAS THE OPPORTUNITY TO ENTER ANOTHER RECEIVE STATION ASSOCIATED WITH THE FIRST TRANSMIT STATION ENTERED AT THE BEGINNING OF THE PROGRAM. IF THERE ARE NO MORE RECEIVE STATIONS ASSOCIATED WITH THIS TRANSMIT STATION TO PROCESS, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5F, 5K AND 5L, 6A THROUGH 6C, 6N, 8A THROUGH 8D, 8F, 8J.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

**FREQUENCY COORDINATION MAY BE REQUIRED
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #3 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE #7 FOR EXPLANATION)

2.12 ** INSTRUCTION #12: MC NATURE OF APPLICATION CODE & DR PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **DR**
>

ENTER THE COMMON LANGUAGE CODE FOR THE RECEIVE ONLY STATION OR PASSIVE FACILITY WHERE THE STRUCTURE HEIGHT IS BEING DECREASED.

SEE ERROR TABLE (8) AND (9) FOR ANY ERROR MESSAGE YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER AUTHORIZED TOWER HEIGHT FOR STATION XXXXXXXXXXX IF NOT: ###.#
?
>

ENTER THE CORRECT TOWER HEIGHT FOR THE RECEIVE ONLY STATION OR PASSIVE FACILITY REPRESENTED BY THE X'S IF THE HEIGHT IS SOME FIGURE OTHER THAN THAT LISTED IN THE QUERY AND REPRESENTED BY THE #'S. THIS HEIGHT IS OBTAINED FROM THE MSR IN THE FIELD LABELED 'ATH HGT'.

IF THE HEIGHT LISTED IS THE CORRECT HEIGHT, HIT THE ENTER/RETURN KEY TO CONTINUE.

SEE ERROR TABLE (13) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

'THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **DR**
>

THE USER NOW HAS THE OPPORTUNITY TO ENTER ANOTHER RECEIVE STATION OR PASSIVE FACILITY ASSOCIATED WITH THE FIRST TRANSMIT STATION ENTERED AT THE BEGINNING OF THE PROGRAM. IF THERE ARE NO MORE RECEIVE STATIONS OR PASSIVE FACILITIES ASSOCIATED WITH THIS TRANSMIT STATION TO PROCESS, THE USER SHOULD HIT THE ENTER/RETURN KEY.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEM 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5F, 5K AND 5L, 7A AND 7B, 7D THROUGH 7L.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

**ANTENNA SUPPORTING STRUCTURE (VERTICAL PROFILE SKETCH) MUST BE ATTACHED
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #4 FOR EXPLANATION)

**FAA STUDY MAY BE REQUIRED

FAA AUTHORIZATION FOR THIS STATION IS ####
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #5 FOR EXPLANATION OF THESE ITEMS)

**TOWER LIGHTING & MARKING IS SPECIFIED BY PARAGRAPHS: #,#
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #6 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE #7 FOR EXPLANATION)

2.13 ** INSTRUCTION #13: MC NATURE OF APPLICATION CODE & DX PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER THE CORRECT ANTENNA STRUCTURE HEIGHT FOR XXXXXXXXXXX IF NOT: ###.#
?
>

ENTER THE CORRECT ANTENNA STRUCTURE HEIGHT OR THE TRANSMIT STATION REPRESENTED BY THE X'S IF THE HEIGHT IS SOME FIGURE OTHER THAN THAT LISTED IN THE QUERY AND REPRESENTED BY THE #'S. THIS HEIGHT IS OBTAINED FROM THE MSR IN THE FIELD LABELED 'ATH HGT'.

IF THE HEIGHT LISTED IS THE CORRECT HEIGHT, HIT THE ENTER/RETURN KEY TO CONTINUE.

SEE ERROR TABLE (13) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5G, 5K AND 5L.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

**ANTENNA SUPPORTING STRUCTURE (VERTICAL PROFILE SKETCH) MUST BE ATTACHED
(REFER TO INFORMATIONAL MESSAGE TABLE #4 FOR EXPLANATION)

**FAA STUDY MAY BE REQUIRED

FAA AUTHORIZATION FOR THIS STATION IS ####
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #5 FOR EXPLANATION OF THESE ITEMS)

**TOWER LIGHTING & MARKING IS SPECIFIED BY PARAGRAPHS: #,#
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #6 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE #7 FOR EXPLANATION)

2.14 ** INSTRUCTION #14: MR NATURE OF APPLICATION CODE & DX PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER THE CORRECT ANTENNA STRUCTURE HEIGHT FOR XXXXXXXXXXX IF NOT: ###.#
?
>

ENTER THE CORRECT ANTENNA STRUCTURE HEIGHT FOR THE TRANSMIT STATION REPRESENTED BY THE X'S IF THE HEIGHT IS SOME FIGURE OTHER THAN THAT LISTED IN THE QUERY AND REPRESENTED BY THE #'S. THIS HEIGHT IS OBTAINED FROM THE MSR IN THE FIELD LABELED 'ATH HGT'.

IF THE HEIGHT LISTED IS THE CORRECT HEIGHT, HIT THE ENTER/RETURN KEY TO CONTINUE.

SEE ERROR TABLE (13) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5G, 5K AND 5L.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

**ANTENNA SUPPORTING STRUCTURE (VERTICAL PROFILE SKETCH) MUST BE ATTACHED
(REFER TO INFORMATIONAL MESSAGE TABLE #4 FOR EXPLANATION)

**FAA STUDY MAY BE REQUIRED

FAA AUTHORIZATION FOR THIS STATION IS ####
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #5 FOR EXPLANATION OF THESE ITEMS)

**TOWER LIGHTING & MARKING IS SPECIFIED BY PARAGRAPHS: #,#
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #6 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE #7 FOR EXPLANATION)

2.15 ** INSTRUCTION #15: MC NATURE OF APPLICATION CODE & GE PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER THE CORRECT GROUND ELEVATION IF NOT ###.#
?
>

ENTER THE CORRECT GROUND ELEVATION (AMSL) IF THE CORRECT FIGURE IS SOME VALUE OTHER THAN THAT REPRESENTED BY THE #'S IN THE QUERY. IF THE VALUE IS CORRECT HIT THE ENTER/RETURN KEY.

IF IT IS NECESSARY TO CHECK THE GROUND ELEVATION IN THE MSR, CONSULT THE CATALOG PRINTOUT. THE GROUND ELEVATION CAN BE FOUND IN THE FIELD LABELED 'GND AMSL'.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A ,5A THROUGH 5F, 5I, 5H, 5K AND 5L.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

**ANTENNA SUPPORTING STRUCTURE (VERTICAL PROFILE SKETCH) MUST BE ATTACHED
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #4 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE #7 FOR EXPLANATION)

2.16 ** INSTRUCTION #16: MC NATURE OF APPLICATION CODE & IR PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **IR**
>

ENTER THE COMMON LANGUAGE CODE FOR THE RECEIVE ONLY STATION OR PASSIVE FACILITY WHERE THE STRUCTURE HEIGHT IS BEING INCREASED.

SEE ERROR TABLE (8) AND (9) FOR ANY ERROR MESSAGE YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER AUTHORIZED TOWER HEIGHT FOR STATION XXXXXXXXXXX IF NOT: ###.#
?
>

ENTER THE CORRECT TOWER HEIGHT FOR THE RECEIVE ONLY STATION OR PASSIVE FACILITY REPRESENTED BY THE X'S IF THE HEIGHT IS SOME FIGURE OTHER THAN THAT LISTED IN THE QUERY AND REPRESENTED BY THE #'S. THIS HEIGHT IS OBTAINED FROM THE MSR IN THE FIELD LABELED 'ATH HGT'.

IF THE HEIGHT LISTED IS THE CORRECT HEIGHT, HIT THE ENTER/RETURN KEY TO CONTINUE.

SEE ERROR TABLE (14) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **IR**
>

THE USER NOW HAS THE OPPORTUNITY TO ENTER ANOTHER RECEIVE STATION OR PASSIVE FACILITY ASSOCIATED WITH THE FIRST TRANSMIT STATION ENTERED AT THE BEGINNING OF THE PROGRAM. IF THERE ARE NO MORE RECEIVE STATIONS OR PASSIVE FACILITIES ASSOCIATED WITH THIS TRANSMIT STATION TO PROCESS, THE USER SHOULD HIT THE ENTER/RETURN KEY.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5F, 5K AND 5L, 7A AND 7B, 7D THROUGH 7L.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

**ANTENNA SUPPORTING STRUCTURE (VERTICAL PROFILE SKETCH) MUST BE ATTACHED
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #4 FOR EXPLANATION)

**FAA STUDY MAY BE REQUIRED

FAA AUTHORIZATION FOR THIS STATION IS ####
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #5 FOR EXPLANATION OF THESE ITEMS)

**TOWER LIGHTING & MARKING IS SPECIFIED BY PARAGRAPHS: #,#
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #6 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE #7 FOR EXPLANATION)

2.17 ** INSTRUCTION #17: MC NATURE OF APPLICATION CODE & IX PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER THE CORRECT ANTENNA STRUCTURE HEIGHT FOR XXXXXXXXXXX IF NOT: ###.#
?
>

ENTER THE CORRECT ANTENNA STRUCTURE HEIGHT FOR THE TRANSMIT STATION REPRESENTED BY THE X'S IF THE HEIGHT IS SOME FIGURE OTHER THAN THAT LISTED IN THE QUERY AND REPRESENTED BY THE #'S. THIS HEIGHT IS OBTAINED FROM THE MSR IN THE FIELD LABELED 'ATH HGT'.

IF THE HEIGHT LISTED IS THE CORRECT HEIGHT, HIT THE ENTER/RETURN KEY TO CONTINUE.

SEE ERROR TABLE (14) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5G, 5K AND 5L.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

**ANTENNA SUPPORTING STRUCTURE (VERTICAL PROFILE SKETCH) MUST BE ATTACHED
(REFER TO INFORMATIONAL MESSAGE TABLE #4 FOR EXPLANATION)

**FAA STUDY MAY BE REQUIRED

FAA AUTHORIZATION FOR THIS STATION IS ###
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #5 FOR EXPLANATION OF THESE ITEMS)

**TOWER LIGHTING & MARKING IS SPECIFIED BY PARAGRAPHS: #,#
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #6 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE #7 FOR EXPLANATION)

2.18 ** INSTRUCTION #18: MR NATURE OF APPLICATION CODE & MA PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **MA**
>

ENTER THE COMMON LANGUAGE CODE OF THE RECEIVE STATION THAT IS THE RECEIVE POINT FOR THE TRANSMIT STATION WHERE THE ANTENNA CENTERLINE HEIGHT IS BEING CHANGED.

SEE ERROR TABLE (8) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER LOWEST WORKING FREQUENCY
?
>

ENTER THE LOWEST WORKING FREQUENCY OF THE LOWEST FREQUENCY BAND WORKING ON THE ANTENNA WHERE THE CENTERLINE HEIGHT IS BEING CHANGED.

IF THE LOWEST WORKING FREQUENCY OR FREQUENCY BANDS ARE NOT KNOWN, CONSULT THE CATALOG PRINTOUT FOR THIS INFORMATION.

IMPORTANT: STATIONS HAVING MULTIPLE PRIMARY ANTENNAS TO THE SAME POINT.

INSURE THE LOWEST FREQUENCY OF EACH BAND ENTERED IS WORKING ON THE ANTENNA BEING MOVED. IF A FREQUENCY IS ENTERED, WHICH IS WORKING ON ANOTHER ANTENNA, THE PROGRAM WILL PROCESS THE WRONG ANTENNA.

SEE ERROR TABLE (11) OR (23) DEPENDING ON THE ERROR MESSAGES YOU MAY ENCOUNTER AT THIS TIME.

THE SYSTEM WILL RESPOND:

ENTER ANTENNA CENTERLINE HEIGHT FOR TRANS ANTENNA IF NOT: *###.#*
?
>

ENTER THE CORRECT CENTERLINE HEIGHT FOR THE TRANSMIT ANTENNA OF THE TRANSMIT STATION ENTERED AT THE BEGINNING OF THE PROGRAM, IF THE HEIGHT AS REPRESENTED BY THE #'S IS INCORRECT. IF THE HEIGHT IS CORRECT, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

IF IT IS NECESSARY TO VERIFY THE TRANSMITTING ANTENNA CENTERLINE HEIGHT, THE CATALOG PRINTOUT SHOULD BE CONSULTED. THE TRANSMITTING ANTENNA CENTERLINE HEIGHT CAN BE FOUND ON THE PRINTOUT IN THE 'TRANS ANT' SECTION AND IN THE FIELD LABELED 'C/L HGT'. THE PRIMARY TRANSMITTING ANTENNA IS IDENTIFIED WITH THE LETTERS 'PR' NEXT TO THE NAME OF THE MANUFACTURER OF THE ANTENNA.

SEE ERROR TABLE (15) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

NOTE: THE QUERY IN THE BOX BELOW WILL ONLY APPEAR IN CASES WHERE THE STATION BEING PROCESSED HAS A TRANSMIT DIVERSITY ANTENNA. IF THE STATION YOU ARE PROCESSING DOES NOT HAVE THIS TYPE OF INSTALLATION, IGNORE THE BOXED INFORMATION AND CONTINUE WITH THE INSTRUCTIONS DIRECTLY UNDER THE BOX.

****

SEE ERROR TABLE (23) FOR ANY ERROR MESSAGES ENCOUNTERED AT THIS TIME.

THE SYSTEM WILL RESPOND:

ENTER ANTENNA CENTERLINE HEIGHT FOR TX-DIV ANTENNA IF NOT: *###.#*
?
>

ENTER THE CORRECT CENTERLINE HEIGHT FOR THE TRANSMIT DIVERSITY ANTENNA OF THE TRANSMIT STATION ENTERED AT THE BEGINNING OF THE PROGRAM, IF THE HEIGHT AS REPRESENTED BY THE #'S IS INCORRECT. IF THE HEIGHT IS CORRECT, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

IF IT IS NECESSARY TO VERIFY THE TRANSMIT DIVERSITY ANTENNA CENTERLINE HEIGHT, THE CATALOG PRINTOUT SHOULD BE CONSULTED. THE TRANSMIT DIVERSITY ANTENNA CENTERLINE HEIGHT CAN BE FOUND ON THE PRINTOUT IN THE 'TRANS ANT' SECTION AND IN THE FIELD LABELED 'C/L HGT'. THE DIVERSITY ANTENNA IS IDENTIFIED WITH THE LETTERS 'DV' NEXT TO THE NAME OF THE MANUFACTURER OF THE ANTENNA.

SEE ERROR TABLE (16) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

****

SEE ERROR TABLE (23) FOR ANY ERROR MESSAGES ENCOUNTERED AT THIS TIME

THE SYSTEM WILL RESPOND:

ENTER ANTENNA CENTERLINE HEIGHT FOR RECVR ANTENNA IF NOT: *###.#*
?
>

ENTER THE CORRECT CENTERLINE HEIGHT FOR THE RECEIVE ANTENNA FOR THE STATION ENTERED AS THE RECEIVE POINT IN THE REC STN QUERY SHOWN ABOVE, IF THE HEIGHT AS REPRESENTED BY THE #'S IS INCORRECT. IF THE HEIGHT IS CORRECT, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

IF IT IS NECESSARY TO VERIFY THE RECEIVING ANTENNA CENTERLINE HEIGHT, THE CATALOG PRINTOUT FOR THE TRANSMITTING STATION SHOULD BE CONSULTED. THE RECEIVE ANTENNA CENTERLINE HEIGHT CAN BE FOUND ON THE PRINTOUT OF THE TRANSMITTING STATION IN THE 'REC ANT' SECTION AND IN THE FIELD LABELED 'C/L HGT'. THE PRIMARY RECEIVE ANTENNA IS IDENTIFIED WITH THE LETTERS 'PR' NEXT TO THE NAME OF THE MANUFACTURER OF THE ANTENNA.

SEE ERROR TABLE (17) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

NOTE: THE QUERY IN THE BOX BELOW WILL ONLY APPEAR IN CASES WHERE THE STATION BEING PROCESSED HAS A RECEIVE DIVERSITY ANTENNA. IF THE STATION YOU ARE PROCESSING DOES NOT HAVE THIS TYPE OF INSTALLATION, IGNORE THE BOXED INFORMATION AND CONTINUE WITH THE INSTRUCTIONS DIRECTLY UNDER THE BOX.

****

SEE ERROR TABLE (23) FOR ANY ERROR MESSAGES ENCOUNTERED AT THIS TIME.

THE SYSTEM WILL RESPOND:

ENTER ANTENNA CENTERLINE HEIGHT FOR RX-DIV ANTENNA IF NOT: *###.#*
?
>

ENTER THE CORRECT CENTERLINE HEIGHT FOR THE RECEIVE DIVERSITY ANTENNA FOR THE STATION ENTERED AS THE RECEIVE POINT IN THE REC STN QUERY AS SHOWN ABOVE, IF THE HEIGHT AS REPRESENTED BY THE #'S IS INCORRECT. IF THE HEIGHT IS CORRECT , THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

IF IT IS NECESSARY TO VERIFY THE RECEIVE DIVERSITY ANTENNA CENTERLINE HEIGHT THE CATALOG PRINTOUT FOR THE TRANSMITTING STATION SHOULD BE CONSULTED. THE RECEIVE DIVERSITY ANTENNA CENTERLINE HEIGHT CAN BE FOUND ON THE PRINTOUT OF THE TRANSMITTING STATION IN THE 'REC ANT' SECTION AND IN THE FIELD LABELED 'C/L HGT'. THE DIVERSITY ANTENNA IS IDENTIFIED WITH THE LETTERS 'DV' NEXT TO THE NAME OF THE MANUFACTURER OF THE ANTENNA.

SEE ERROR TABLE (18) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

****

THE SYSTEM WILL RESPOND:

ENTER LOWEST WORKING FREQUENCY
?
>

ENTER THE LOWEST WORKING FREQUENCY IN THE NEXT HIGHER FREQUENCY BAND WORKING ON THE ANTENNA WHOSE CENTERLINE HEIGHT IS BEING CHANGED.

REMEMBER—WHEN PROCESSING THIS TYPE OF ACTION, THE USER MUST ENTER THE LOWEST WORKING FREQUENCY OF EACH FREQUENCY BAND WORKING ON THE ANTENNA BEING MOVED.

IF THERE ARE NO MORE FREQUENCIES TO ENTER FOR THIS SET OF ANTENNAS BUT THERE IS ANOTHER SET OF ANTENNAS BEING MOVED AND THIS SET IS TO BE PROCESSED AT THE SAME TIME, ENTER THE LOWEST WORKING FREQUENCY OF THE LOWEST FREQUENCY BAND WORKING ON THAT SET OF ANTENNAS. THE PROGRAM WILL QUERY THE USER FOR THE CORRECT CENTERLINE HEIGHTS AS SHOWN ABOVE EXCEPT THESE QUERIES ARE FOR THE NEXT SET OF ANTENNAS.

IF THERE ARE NO MORE FREQUENCY BANDS WORKING ON THIS ANTENNA OR NO MORE ANTENNAS BEING MOVED AT THIS STATION TO BE PROCESSED, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

SEE ERROR TABLE (11) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **MA**
>

THE USER NOW HAS THE OPPORTUNITY TO ENTER ANOTHER RECEIVE STATION ASSOCIATED WITH THE FIRST TRANSMIT STATION ENTERED AT THE BEGINNING OF THE PROGRAM. IF THERE ARE NO MORE RECEIVE STATIONS ASSOCIATED WITH THIS TRANSMIT STATION TO PROCESS, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

THE FOLLOWING ITEMS ARE COMMON AND ARE FILLED IN FOR ANY ANTENNA MOVE.

ITEMS 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5F, 5K AND 5L.

IN ADDITION, DEPENDING ON WHICH ANTENNA CENTERLINES HAVE BEEN CHANGED THE FOLLOWING ITEMS OR COMBINATION OF ITEMS WILL ALSO BE FILLED OUT.

TRANSMIT ANTENNA CENTERLINE ONLY

ITEMS 6A, 6C, 6E, 6F, 6G, 6N.

TRANSMIT DIVERSITY ANTENNA CENTERLINE ONLY

ITEMS 6A, 6C, 6E, 6H, 6I, 6N.

RECEIVE ANTENNA CENTERLINE ONLY

ITEMS 6A, 6C, 6J, 6K, 6N.

RECEIVE DIVERSITY CENTERLINE ONLY

ITEMS 6A, 6C, 6L, 6M, 6N.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

**ANTENNA SUPPORTING STRUCTURE (VERTICAL PROFILE SKETCH) MUST BE ATTACHED
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #4 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE #7 FOR EXPLANATION)

2.19 ** INSTRUCTION #19: MR NATURE OF APPLICATION CODE & RA PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **RA**
>

ENTER THE COMMON LANGUAGE CODE OF THE RECEIVE STATION THAT IS THE RECEIVE POINT FOR THE TRANSMIT STATION WHERE THE ANTENNA IS BEING REPLACED.

SEE ERROR TABLE (8) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER LOWEST WORKING FREQUENCY
?
>

ENTER THE LOWEST WORKING FREQUENCY IN THE LOWEST FREQUENCY BAND WORKING ON THE ANTENNA BEING REPLACED.

IF THE LOWEST WORKING FREQUENCY OR FREQUENCY BANDS ARE NOT KNOWN, CONSULT THE CATALOG PRINTOUT FOR THIS INFORMATION.

IMPORTANT: STATIONS HAVING MULTIPLE PRIMARY ANTENNAS TO THE SAME POINT.

INSURE THE LOWEST FREQUENCY OF EACH BAND ENTERED IS WORKING ON THE ANTENNA BEING REPLACED. IF A FREQUENCY IS ENTERED WHICH IS WORKING ON ANOTHER ANTENNA, THE PROGRAM WILL PROCESS THE WRONG ANTENNA.

SEE ERROR TABLE (11) OR (23) DEPENDING ON THE ERROR MESSAGES YOU MAY ENCOUNTER AT THIS TIME.

THE SYSTEM WILL RESPOND:

ENTER ANTENNA CODE FOR TRANS ANTENNA IF NOT: *###.#*
?
>

ENTER THE CORRECT ANTENNA CODE FOR THE TRANSMIT ANTENNA OF THE TRANSMIT STATION ENTERED AT THE BEGINNING OF THE PROGRAM, IF THE CODE AS REPRESENTED BY THE #'S IS INCORRECT. IF THE CODE IS CORRECT, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

IF IT IS NECESSARY TO VERIFY THE TRANSMITTING ANTENNA CODE, THE CATALOG PRINTOUT SHOULD BE CONSULTED. THE TRANSMITTING ANTENNA CODE CAN BE FOUND ON THE PRINTOUT IN THE 'TRANS ANT' SECTION AND IN THE FIELD LABELED 'CODE'. THE PRIMARY TRANSMITTING ANTENNA IS IDENTIFIED WITH THE LETTERS 'PR' NEXT TO THE NAME OF THE MANUFACTURER OF THE ANTENNA.

SEE ERROR TABLE (23) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

NOTE: THE QUERY IN THE BOX BELOW WILL ONLY APPEAR IN CASES WHERE THE STATION BEING PROCESSED HAS A TRANSMIT DIVERSITY ANTENNA. IF THE STATION YOU ARE PROCESSING DOES NOT HAVE THIS TYPE OF INSTALLATION, IGNORE THE BOXED INFORMATION AND CONTINUE WITH THE INSTRUCTIONS DIRECTLY UNDER THE BOX.

****

SEE ERROR TABLE (23) FOR ANY ERROR MESSAGES ENCOUNTERED AT THIS TIME.

THE SYSTEM WILL RESPOND:

ENTER ANTENNA CODE FOR TX-DIV ANTENNA IF NOT: *###.#*
?
>

ENTER THE CORRECT CODE FOR THE TRANSMIT DIVERSITY ANTENNA OF THE TRANSMIT STATION ENTERED AT THE BEGINNING OF THE PROGRAM, IF THE CODE AS REPRESENTED BY THE #'S IS INCORRECT. IF THE CODE IS CORRECT, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

IF IT IS NECESSARY TO VERIFY THE TRANSMIT DIVERSITY ANTENNA CODE, THE CATALOG PRINTOUT SHOULD BE CONSULTED. THE TRANSMIT DIVERSITY ANTENNA CODE CAN BE FOUND ON THE PRINTOUT IN THE 'TRANS ANT' SECTION AND IN THE FIELD LABELED 'CODE'. THE DIVERSITY ANTENNA IS IDENTIFIED WITH THE LETTERS 'DV' NEXT TO THE NAME OF THE MANUFACTURER OF THE ANTENNA.

SEE ERROR TABLE (23) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

****

SEE ERROR TABLE (23) FOR ANY ERROR MESSAGES ENCOUNTERED AT THIS TIME

THE SYSTEM WILL RESPOND:

ENTER ANTENNA CODE FOR RECVR ANTENNA IF NOT: *###.#*
?
>

ENTER THE CORRECT CODE FOR THE RECEIVE ANTENNA FOR THE STATION ENTERED AS THE RECEIVE POINT IN THE REC STN QUERY SHOWN ABOVE, IF THE CODE AS REPRESENTED BY THE #'S IS INCORRECT. IF THE CODE IS CORRECT, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

IF IT IS NECESSARY TO VERIFY THE RECEIVING ANTENNA CODE, THE CATALOG PRINTOUT OF THE TRANSMITTING STATION SHOULD BE CONSULTED. THE RECEIVE ANTENNA CODE CAN BE FOUND ON THE PRINTOUT OF THE TRANSMITTING STATION IN THE 'REC ANT' SECTION AND IN THE FIELD LABELED 'CODE'. THE PRIMARY RECEIVE ANTENNA IS IDENTIFIED WITH THE LETTERS 'PR' NEXT TO THE NAME OF THE MANUFACTURER OF THE ANTENNA.

SEE ERROR TABLE (23) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

NOTE: THE QUERY IN THE BOX BELOW WILL ONLY APPEAR IN CASES WHERE THE STATION BEING PROCESSED HAS A RECEIVE DIVERSITY ANTENNA. IF THE STATION YOU ARE PROCESSING DOES NOT HAVE THIS TYPE OF INSTALLATION, IGNORE THE BOXED INFORMATION AND CONTINUE WITH THE INSTRUCTIONS DIRECTLY UNDER THE BOX.

****

SEE ERROR TABLE (23) FOR ANY ERROR MESSAGES ENCOUNTERED AT THIS TIME

THE SYSTEM WILL RESPOND:

ENTER ANTENNA CODE FOR RX-DIV ANTENNA IF NOT: *###.#*
?
>

ENTER THE CORRECT CODE FOR THE RECEIVE DIVERSITY ANTENNA FOR THE STATION ENTERED AS THE RECEIVE POINT IN THE REC STN QUERY AS SHOWN ABOVE, IF THE HEIGHT AS REPRESENTED BY THE #'S IS INCORRECT. IF THE CODE IS CORRECT, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

IF IT IS NECESSARY TO VERIFY THE RECEIVE DIVERSITY ANTENNA CODE THE CATALOG PRINTOUT OF THE TRANSMITTING STATION SHOULD BE CONSULTED. THE RECEIVE DIVERSITY ANTENNA CODE CAN BE FOUND ON THE PRINTOUT OF THE TRANSMITTING STATION IN THE 'REC ANT' SECTION AND IN THE FIELD LABELED 'CODE'. THE DIVERSITY ANTENNA IS IDENTIFIED WITH THE LETTERS 'DV' NEXT TO THE NAME OF THE MANUFACTURER OF THE ANTENNA.

SEE ERROR TABLE (23) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

****

THE STYSTEM WILL RESPOND:

ENTER LOWEST WORKING FREQUENCY
?
>

ENTER THE LOWEST WORKING FREQUENCY IN THE NEXT HIGHER FREQUENCY BAND WORKING ON THE ANTENNA BEING REPLACED.

REMEMBER—WHEN PROCESSING THIS TYPE OF ACTION, THE USER MUST ENTER THE LOWEST WORKING FREQUENCY OF EACH FREQUENCY BAND WORKING ON THE ANTENNA BEING REPLACED. THE ANTENNA CODE FOR THE SAME ANTENNA IS DIFFERENT FOR EACH FREQUENCY BAND. THE USER SHOULD TAKE CARE TO ENTER THE CORRECT ANTENNA CODE FOR THE BAND BEING PROCESSED.

IF THERE ARE NO MORE FREQUENCIES TO ENTER FOR THIS SET OF ANTENNAS BUT THERE IS ANOTHER SET OF ANTENNAS BEING REPLACED AND THIS SET IS TO BE PROCESSED AT THE SAME TIME, ENTER THE LOWEST WORKING FREQUENCY OF THE LOWEST FREQUENCY BAND WORKING ON THAT SET OF ANTENNAS. THE PROGRAM WILL QUERY THE USER FOR THE CORRECT CODES AS SHOWN ABOVE EXCEPT THESE QUERIES ARE FOR THE NEXT SET OF ANTENNAS.

IF THERE ARE NO MORE FREQUENCY BANDS WORKING ON THIS ANTENNA OR NO MORE ANTENNAS BEING REPLACED AT THIS STATION TO BE PROCESSED, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

SEE ERROR TABLE (11) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **RA**
>

THE USER NOW HAS THE OPPORTUNITY TO ENTER ANOTHER RECEIVE STATION ASSOCIATED WITH THE FIRST TRANSMIT STATION ENTERED AT THE BEGINNING OF THE PROGRAM. IF THERE ARE NO MORE RECEIVE STATIONS ASSOCIATED WITH THIS TRANSMIT STATION TO PROCESS, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

THE FOLLOWING ITEMS ARE COMMON AND ARE FILLED IN FOR ANY ANTENNA REPLACEMENT.

ITEMS 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5F, 5K AND 5L, 9A THROUGH 9C.

IN ADDITION, DEPENDING ON WHICH ANTENNAS HAVE BEEN CHANGED THE FOLLOWING ITEMS OR COMBINATION OF ITEMS WILL ALSO BE FILLED OUT.

TRANSMIT ANTENNA ONLY

ITEMS 6A, 6C, 6F, 6N.

TRANSMIT DIVERSITY ANTENNA ONLY

ITEMS 6A, 6C, 6H, 6N.

RECEIVE ANTENNA ONLY

ITEMS 6A, 6C, 6J, 6N.

RECEIVE DIVERSITY ANTENNA ONLY

ITEMS 6A, 6C, 6L, 6N.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE # 7 FOR EXPLANATION)

2.20 ** INSTRUCTION #20: MC NATURE OF APPLICATION CODE & RC PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **RC**
>

ENTER THE COMMON LANGUAGE CODE FOR THE RECEIVE ONLY STATION OR PASSIVE FACILITY WHERE THE COORDINATES ARE BEING CHANGED.

SEE ERROR TABLE (8) AND (9) FOR ANY ERROR MESSAGE YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER THE CORRECT COORDINATES FOR RECEIVE STATION XXXXXXXXXXX
OLD COORDINATES ARE ##-##-## ###-##-## IN THE FORMAT
(DD,MM,SS,DDD,MM,SS)
?
>

ENTER THE CORRECT COORDINATES AS INSTRUCTED BY THE QUERY FOR THE STATION REPRESENTED BY THE X'S. EVEN IF ONLY ONE OF THE SIX COORDINATE VALUES IS TO BE CORRECTED, ALL 6 FIELDS MUST BE FILLED. ENTER INTO THE CORRDINATE FIELDS WHICH ARE CORRECT, THE OLD VALUES AS REPRESENTED BY THE #'S IN THE QUERY. ADD THE NEW FIGURE TO THE FIELD THAT IS BEING CORRECTED. IF ALL THE FIGURES ARE CORRECT ENTER THE SIX FIGURES AS REPRESENTED BY THE #'S TO CONTINUE.

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **RC**
>

THE USER NOW HAS THE OPPORTUNITY TO ENTER ANOTHER RECEIVE STATION OR PASSIVE FACILITY ASSOCIATED WITH THE FIRST TRANSMIT STATION ENTERED AT THE BEGINNING OF THE PROGRAM. IF THERE ARE NO MORE RECEIVE STATIONS OR PASSIVE FACILITIES ASSOCIATED WITH THIS TRANSMIT STATION TO PROCESS, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5F, 5K AND 5L, 7A AND 7B, 7D THROUGH 7L.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATTIONAL MESSAGES WILL BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

**TOPOGRAPHIC MAP MAY BE REQUIRED
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #2 FOR EXPLANATION)

**FREQUENCY COORDINATION MAY BE REQUIRED
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #3 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE #7 FOR EXPLANATION)

2.21 ** INSTRUCTION #21: MR NATURE OF APPLICATION CODE & RT PROGRAM ACTION CODE

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **RT**
>

ENTER THE COMMON LANGUAGE CODE OF THE RECEIVE STATION THAT IS THE RECEIVE POINT FOR THE TRANSMIT STATION WHERE THE TRANSMITTER IS BEING REPLACED.

SEE ERROR TABLE (8) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER FREQUENCY TO BE FILED FOR
?
>

ENTER THE FREQUENCY OF THE TRANSMITTER BEING REPLACED.

SEE ERROR TABLE (11) FOR ANY ERROR MESSAGES YOU MAY ENCOUNTER AFTER ENTERING THE DATA.

THE SYSTEM WILL RESPOND:

ENTER THE REPLACEMENT EQUIPMENT CODE
?
>

ENTER THE EQUIPMENT CODE OR MODULE CODE OF THE EQUIPMENT WHICH IS REPLACING THE EXISTING TRANSMITTER WHOSE FREQUENCY WAS ENTERED ABOVE. THE USER SHOULD INSURE THE CHARACTERISTICS OF THE REPLACEMENT EQUIPMENT IS EQUIVALENT TO THAT OF THE EQUIPMENT BEING REPLACED.

THIS ACTION CODE CAN ONLY BE USED FOR PERMISSIVE CHANGES.

CONSULT PARAGRAPH 21.121 OF THE RULES TO DETERMINE THE RESTRICTIONS PLACED ON THE REPLACEMENT OF EQUIPMENT UNDER THIS SECTION.

THE SYSTEM WILL RESPOND:

ENTER FREQUENCY TO BE FILED FOR
?
>

ENTER THE NEXT FREQUENCY TO BE PROCESSED TOWARDS THE SAME RECEIVE POINT. THE PROGRAM WILL CONTINUE TO RECYCLE THROUGH THESE TWO QUERIES UNTIL THE USER HAS ENTERED ALL THE FREQUENCIES BEING MODIFIED TOWARDS THIS RECEIVE POINT. WHEN ALL THE FREQUENCIES HAVE BEEN ENTERED, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

THE SYSTEM WILL RESPOND:

ENTER REC STN COMMON LANGUAGE CODE FOR ACTION CODE **RT**
>

THE USER NOW HAS THE OPPORTUNITY TO ENTER ANOTHER RECEIVE STATION ASSOCIATED WITH THE FIRST TRANSMIT STATION ENTERED AT THE BEGINNING OF THE PROGRAM. IF THERE ARE NO MORE RECEIVE STATIONS ASSOCIATED WITH THIS TRANSMIT STATION TO PROCESS, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE.

SEE ERROR TABLE (24) FOR ANY ERROR MESSAGE YOU MAY ENCOUNTER AFTER ALL THE STATIONS AND THEIR ASSOCIATED DATA TO BE PROCESSED ARE ENTERED.

ITEMS FILLED OUT ON THE 'COMPUTER LISTING' ARE:

ITEMS 1, 2A THROUGH 2D, 3, 4A, 5A THROUGH 5F, 5K AND 5L, 6A THROUGH 6C, 6N, 8A THROUGH 8H, 8J.

IN ADDITION, ITEM 8I WILL BE FILLED IN IF THE REPLACING OR REPLACED EQUIPMENT HAS A MODULE CODE ASSOCIATED WITH IT.

AT THE BOTTOM OF THE 'COMPUTER LISTING' THE FOLLOWING INFORMATIONAL MESSAGES MAY BE DISPLAYED:

THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX*
(REFER TO INFORMATIONAL MESSAGE TABLE ITEM #1 FOR EXPLANATION)

SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX
(REFER TO INFORMATIONAL MESSAGE TABLE #7 FOR EXPLANATION)

*****WARNING*****
IN A MULTIPLE STATION APPLICATION ENTERING A ONE IN THE QUERY BELOW WILL TERMINATE THE PROGRAM COMPLETELY AND NOT BYPASS THE STATION NOW BEING PROCESSED.

THE SYSTEM WILL RESPOND:

FILING FEE NOT REQUIRED
GO TO THE END OF THE PAGE AND ENTER A
ZERO (0) IF STATION IS TO BE PROCESSED
ONE (1) IF STATION IS NOT TO BE PROCESSED
>

WHEN ONLY ONE ACTION CODE IS BEING PROCESSED, THESE STATEMENTS WILL APPEAR TOGETHER. IF MORE THAN ONE ACTION CODE IS PROCESSED THE FILING FEE STATEMENT WILL APPEAR AFTER THE QUERIES FOR THE FIRST ACTION CODE ARE ANSWERED. THE REMAINING 3 LINES WILL APPEAR AFTER ALL CODES FOR THIS STATION ARE PROCESSED.

IF A 0 IS ENTERED,

THE SYSTEM RESPONDS BY PRINTING OUT THE 'COMPUTER LISTING'.

ITEMS ON THE COMPUTER LISTING FILLED OUT AND A LIST OF INFORMATIONAL MESSAGES WHICH MAY APPEAR ARE FOUND IN THE INSTRUCTIONS FOR THE SPECIFIC CODES SELECTED.

IF A 1 IS ENTERED,

THE SYSTEM RESPONDS:

PROGRAM IS TERMINATING—CORRECT DATA AND RE-RUN PROGRAM

AT THIS POINT THE PROGRAM TERMINATES.

IF THERE IS MORE THAN ONE STATION TO BE PROCESSED,

THE SYSTEM RESPONDS:

ENTER DATA FOR STATION (CLC FOR NEXT STATION)

THE SYSTEM HAS RECYCLED AND NOW IS ASKING THE SAME QUESTIONS AS ABOVE EXCEPT THIS TIME THE QUERIES ARE FOR THE NEXT STATION TO BE PROCESSED AS SELECTED AT THE BEGINNING OF THE PROGRAM. THIS RECYCLING CAN OCCUR UP TO A MAXIMUM OF 55 TIMES DEPENDING ON THE NUMBER OF STATIONS TO BE PROCESSED. EACH STATION REGARDLESS OF TYPE WILL INCREASE THE APPLICATION SET NUMBER BY ONE.

AFTER THE LAST STATION, THE PROGRAM TERMINATES.

3.0 ****** ERROR TABLE

(1) ENTERING AN INVALID AREA OR COMPANY NUMBER WILL RESULT IN EITHER OF THE FOLLOWING ERROR MESSAGES:

1. WRONG AREA NUMBER:

AREA NUMBER # IS INVALID. CHECK AND RE-ENTER
>

2. WRONG COMPANY NUMBER:

COMPANY NUMBER ##### IS INVALID. CHECK AND RE-ENTER
>

THE SYSTEM WILL RECYCLE AND QUERY FOR THE AREA AND COMPANY NUMBER AGAIN. CHECK TO INSURE THE AREA AND COMPANY NUMBER YOU ARE ENTERING ARE CORRECT.

(2) ENTERING AN INVALID TRANSMIT COMMON LANGUAGE CODE WILL RESULT IN THE ERROR MESSAGE:

TRANSMITTER CLC=XXXXXXXXXXX NOT ON FILE
CHECK AND RE-ENTER
>

THE SYSTEM WILL WAIT FOR THE CORRECT COMMON LANGUAGE CODE. IF THE WRONG CODE IS ENTERED, THE ERROR MESSAGE WILL AGAIN BE PRINTED. THIS WILL CONTINUE UNTIL THE CORRECT CODE IS ENTERED.

(3) ENTERING AN INVALID TYPE OF SERVICE CODE WILL RESULT IN THE ERROR MESSAGE:

ERROR—INVALID TYPE OF SERVICE CODE XX RE-ENTER
>

THE SYSTEM WILL WAIT FOR THE CORRECT TYPE OF SERVICE CODE. IF THE CODE 'CF' WAS APPROPRIATE BUT SOME OTHER CODE WAS ENTERED. YOU MUST NOW TYPE IN 'CF' TO CONTINUE. IF NOT, THE ERROR MESSAGE WILL CONTINUE TO PRINT UNTIL THE CORRECT CODE IS ENTERED.

(4) ENTERING AN INVALID TYPE OF USE CODE OR ENTERING A BLANK WILL RESULT IN EITHER OF THE FOLLOWING ERROR MESSAGES:

WRONG TYPE CODE:

ERROR—INVALID TYPE OF USE CODE (XX) RE-ENTER
>

THE SYSTEM WILL WAIT FOR THE CORRECT TYPE OF USE CODE BEFORE CONTINUING. ENTER ONLY THE CODE WHICH WAS PREVIOUSLY ENTERED IN ERROR AND IS REPRESENTED BY THE X'S IN THE PROGRAM RESPONSE.

BLANK CHARACTER INSTEAD OF CODES:

THE SYSTEM WILL RECYCLE AND QUERY THE USER FOR THE CORRECT TYPE OF USE CODES. ENTER UP TO THREE CODES.

(5) ENTERING AN INVALID CLASS OF STATION CODE WILL RESULT IN THE ERROR MESSAGE:

ERROR—INVALID CLASS OF STATION CODE XX RE-ENTER
>

THE SYSTEM WILL WAIT FOR THE CORRECT CLASS OF STATION CODE. IF THE CODE 'FX' WAS APPROPRIATE BUT SOME OTHER CODE WAS ENTERED, YOU MUST NOW TYPE IN FX TO CONTINUE. IF NOT, THE ERROR MESSAGE WILL CONTINUE TO PRINT UNTIL THE CORRECT CODE IS ENTERED.

(6) ENTERING AN INVALID NATURE OF APPLICATION CODE WILL RESULT IN THE ERROR MESSAGE:

ERROR—INVALID NATURE OF APPLICATION CODE XX RE-ENTER
>

THE SYSTEM WILL WAIT UNTIL THE CORRECT NATURE OF APPLICATION CODE IS ENTERED BEFORE CONTINUING.

(7) ENTERING AN INVALID PROGRAM ACTION CODE WILL RESULT IN THE ERROR MESSAGE:

ERROR—INVALID ACTION CODE XX RE-ENTER
>

ENTER THE CORRECT ACTION CODE. THE PROBABLE CAUSE WAS A TYPOGRAPHICAL ERROR. THIS IS EASILY DETERMINED BY LOOKING AT THE INCORRECT CODE REPRESENTED BY THE 'XX' IN THE ERROR MESSAGE.

(8) ENTERING A RECEIVE COMMON LANGUAGE CODE NOT ASSOCIATED WITH THE TRANSMITTER BEING PROCESSED OR MISSPELLING THE CODE WILL RESULT IN THE ERROR MESSAGE:

RECEIVER CLC=XXXXXXXXXXX NOT ON FILE
CHECK AND RE-ENTER.
>

THE SYSTEM WILL QUERY THE USER FOR THE CORRECT COMMON LANGUAGE CODE AGAIN. THE SYSTEM WILL WAIT FOR THE CORRECT COMMON LANGUAGE CODE. IF THE WRONG CODE IS ENTERED, THE ERROR MESSAGE WILL AGAIN BE PRINTED. THIS PROCESS WILL CONTINUE UNTIL THE CORRECT DATA IS ENTERED. CHECK THE MSR AND DETERMINE IF THE STATION ENTERED IS ASSOCIATED WITH THE TRANSMIT STATION ENTERED AND THAT THE RECEIVER CLC HAS BEEN SPELLED CORRECTLY.

(9) IF THE CLC ENTERED IS NOT A RECEIVE ONLY OR PASSIVE FACILITY, FOLLOWING MESSAGE WILL PRINT:

ERROR—NATURE OF APPL CODE XX CAN ONLY BE USED
FOR RECEIVE-ONLY STATIONS OR PASSIVE FACILITIES
>

CHECK THE MSR AND DETERMINE IF THE STATION ENTERED IS A RECEIVE ONLY FACILITY. THE ERROR MESSAGE INCLUDES AS PART OF THE MESSAGE THE CODE THE PROGRAM IS ATTEMPTING TO PROCESS. THE CODE IS REPRESENTED BY THE XX AND SHOULD BE CHECK TO DETERMINE IF THAT CODE CAN BE USED WITH RECEIVE-ONLY FACILITIES. ENTER THE CORRECT CLC IF THE STATION ENTERED WAS MISSPELLED OR IF THE WRONG STATION WAS ENTERED.

IF THE WRONG STATION WAS SELECTED FOR PROCESSING AND THE USER WISHES TO EXIT FROM THE PROGRAM, HIT THE ENTER/RETURN KEY. THE PROGRAM WILL CONTINUE TO PROCESS BUT THE OUTPUT WILL BE INCORRECT. THE USER SHOULD CHOOSE NOT TO HAVE THE COMPUTER LISTING PRINT WHEN GIVEN THE CHOICE LATER IN THE PROGRAM.

(10) ENTERING A COORDINATE CHANGE GREATER THAN ONE (1) SECOND WILL RESULT IN THE ERROR MESSAGE:

*REQUESTED COORDINATE CHANGE IS GREATER THAN ONE (1) SECOND
THIS IS A MAJOR ACTION. A 435 WILL BE REQUIRED

ENTER THE CORRECT COORDINATES FOR TRANSMIT STATION XXXXXXXXXXX
OLD COORDINATES ARE *##-##-## ###-##-##* IN THE FORMAT
(DD,MM,SS,DDD,MM,SS)
?
>

IF THE COORDINATE CHANGE ENTERED IS GREATER THAN ONE (1) SECOND, THE PROGRAM INFORMS THE USER AN ERROR HAS BEEN MADE THEN ASKS FOR THE CORRECT COORDINATES AGAIN AS SHOWN ABOVE. IF THE COORDINATE CHANGE IS GREATER THAN ONE SECOND AND THE APPLICATION IS BEING PROCESSED TO CORRECT DATA BECAUSE OF A PHYSICAL MOVE, A 435 MUST BE SUBMITTED. THE RULES CLASSIFY A CHANGE OF MORE THEN ONE SECOND A MAJOR ACTION. IF THE CHANGE IS OF A PAPER NATURE, THAT IS, NO PHYSICAL MOVE WAS MADE, THE CORRECT NATURE OF APPLICATION CODE IS "MC".

IF THE WRONG NATURE OF APPLICATION CODE WAS CHOSEN, ENTER THE SIX FIGURES AS REPRESENTED BY THE #'S TO CONTINUE AND TERMINATE THE PROGRAM WHEN GIVEN THE OPPORTUNITY LATER.

(11) TWO ERROR CONDITIONS CAN EXIST WHEN ENTERING A FREQUENCY INCORRECTLY. THEY ARE:

1. IF THE FREQUENCY ENTERED IS NOT LISTED IN THE MSR FOR THE ROUTE BEING PROCESSED, THE SYSTEM WILL RESPOND:

FREQUENCY ####.# IS NOT ON FILE. CHECK AND RE-ENTER

ENTER FREQUENCY TO BE FILED FOR
?
>

CHECK THE MSR FOR THE STATION BEING PROCESSED AND DETERMINE IF THE FREQUENCY EXISTS ON THAT ROUTE. REVIEW THE ERROR MESSAGE, IT MAY UNCOVER THE PROBLEM AS BEING EITHER AN ERROR IN TRANSCRIBING THE DATA OR A TYPOGRAPHICAL ERROR. ENTER THE CORRECT FREQUENCY OR IF NO MORE FREQUENCIES ARE TO BE PROCESSED, HIT THE ENTER/RETURN KEY TO CONTINUE.

2. IF THE CHANNEL STATUS CODE IS INCORRECT IN THE MSR FOR THE FREQUENCY BEING PROCESSED, THE SYSTEM WILL RESPOND:

STATUS CODE FOR FREQ. ####.# IS NOT CORRECT
CHECK AND RE-ENTER

ENTER FREQUECY TO BE FILED FOR
?
>

CHECK THE MSR FOR THE FREQUENCY BEING FILED AND DETERMINE THE CHANNEL STATUS CODE. CONSULT BSP 940-330-110 TABLE H FOR AN EXPLANATION OF THE VARIOUS CODES. THE PROGRAM WILL ONLY PROCESS IN-SERVICE CHANNELS

ENTER THE CORRECT FREQUENCY OR HIT THE ENTER/RETURN KEY IF THERE ARE NO MORE FREQUENCIES TO PROCESS.

(12) ENTERING A TRANSMIT POWER GREATER THAN THE FIGURE REPRESENTED BY ## WILL RESULT IN THE ERROR MESSAGE:

ERROR—TRANSMIT POWER IS GREATER THAN ## RE-ENTER

RE-ENTER THE POWER OUTPUT WHICH SHOULD BE A VALUE LOWER THAN THE FIGURE LISTED IN THE QUERY.

(13) ENTERING AN ANTENNA STRUCTURE HEIGHT GREATER THEN THE PRESENT HEIGHT WILL RESULT IN THE ERROR MESSAGE:

ERROR—REQUESTED ANTENNA STRUCTURE HEIGHT ####.# IS GREATER THAN THE PRESENT HEIGHT &&&&.&

ENTER THE CORRECT ANTENNA STRUCTURE HEIGHT WHICH SHOULD BE LOWER THAN THE PRESENT STRUCTURE HEIGHT.

(14) ENTERING AN ANTENNA STRUCTURE HEIGHT LESS THEN THE PRESENT HEIGHT WILL RESULT IN THE ERROR MESSAGE:

ERROR—REQUESTED ANTENNA STRUCTURE HEIGHT ####.# IS LESS THAN THE PRESENT HEIGHT &&&&.&

ENTER THE CORRECT ANTENNA STRUCTURE HEIGHT WHICH SHOULD BE HIGHER THAN THE PRESENT STRUCTURE HEIGHT.

(15) ENTERING AN ANTENNA CENTERLINE HEIGHT GREATER THEN 5 FEET FROM THE PREVIOUSLY AUTHORIZED HEIGHT WILL RESULT IN THE ERROR MESSAGE:

ERROR—ANTENNA CENTER LINE IS GREATER THAN 5 FEET FROM THE PREVIOUSLY AUTHORIZED HEIGHT (###.#)

ENTER ANTENNA CENTERLINE HEIGHT FOR TRANS ANTENNA IF NOT: ###.#
?
>

ENTER THE CORRECT CENTERLINE HEIGHT WHICH SHOULD BE SOME VALUE LESS THAN 5 FEET FROM THE PREVIOUSLY AUTHORIZED HEIGHT. THE AUTHORIZED HEIGHT IS REPRESENTED BY THE #'S IN BOTH THE QUERY AND ERROR MESSAGE. IF THE HEIGHT THE USER IS ATTEMPTING TO ENTER IS A VALUE GREATER THAN 5 FEET, THIS CONSTITUTES A MAJOR ACTION AND AN FCC FORM 435 MUST BE SUBMITTED AND GRANTED BEFORE THE MOVE CAN BE MADE.

(16) ENTERING AN ANTENNA CENTERLINE HEIGHT GREATER THEN 5 FEET FROM THE PREVIOUSLY AUTHORIZED HEIGHT WILL RESULT IN THE ERROR MESSAGE:

ERROR—ANTENNA CENTER LINE IS GREATER THAN 5 FEET FROM THE PREVIOUSLY AUTHORIZED HEIGHT (###.#)

ENTER ANTENNA CENTERLINE HEIGHT FOR TX-DIV ANTENNA IF NOT: ###.#
?
>

ENTER THE CORRECT CENTERLINE HEIGHT WHICH SHOULD BE SOME VALUE LESS THAN 5 FEET FROM THE PREVIOUSLY AUTHORIZED HEIGHT. THE AUTHORIZED HEIGHT IS REPRESENTED BY THE #'S IN BOTH THE QUERY AND ERROR MESSAGE. IF THE HEIGHT THE USER IS ATTEMPTING TO ENTER IS A VALUE GREATER THAN 5 FEET, THIS CONSTITUTES A MAJOR ACTION AND AN FCC FORM 435 MUST BE SUBMITTED AND GRANTED BEFORE THE MOVE CAN BE MADE.

(17) ENTERING AN ANTENNA CENTERLINE HEIGHT GREATER THEN 5 FEET FROM THE PREVIOUSLY AUTHORIZED HEIGHT WILL RESULT IN THE ERROR MESSAGE:

ERROR—ANTENNA CENTER LINE IS GREATER THAN 5 FEET FROM THE PREVIOUSLY AUTHORIZED HEIGHT (###.#)

ENTER ANTENNA CENTERLINE HEIGHT FOR RECVR ANTENNA IF NOT: ###.#
?
>

ENTER THE CORRECT CENTERLINE HEIGHT WHICH SHOULD BE SOME VALUE LESS THAN 5 FEET FROM THE PREVIOUSLY AUTHORIZED HEIGHT. THE AUTHORIZED HEIGHT IS REPRESENTED BY THE #'S IN BOTH THE QUERY AND ERROR MESSAGE. IF THE HEIGHT THE USER IS ATTEMPTING TO ENTER IS A VALUE GREATER THAN 5 FEET, THIS CONSTITUTES A MAJOR ACTION AND AN FCC FORM 435 MUST BE SUBMITTED AND GRANTED BEFORE THE MOVE CAN BE MADE.

(18) ENTERING AN ANTENNA CENTERLINE HEIGHT GREATER THEN 5 FEET FROM THE PREVIOUSLY AUTHORIZED HEIGHT WILL RESULT IN THE ERROR MESSAGE:

ERROR—ANTENNA CENTER LINE IS GREATER THAN 5 FEET FROM THE PREVIOUSLY AUTHORIZED HEIGHT (###.#)

ENTER ANTENNA CENTERLINE HEIGHT FOR RX-DIV ANTENNA IF NOT: ###.#
?
>

ENTER THE CORRECT CENTERLINE HEIGHT WHICH SHOULD BE SOME VALUE LESS THAN 5 FEET FROM THE PREVIOUSLY AUTHORIZED HEIGHT. THE AUTHORIZED HEIGHT IS REPRESENTED BY THE #'S IN BOTH THE QUERY AND ERROR MESSAGE. IF THE HEIGHT THE USER IS ATTEMPTING TO ENTER IS A VALUE GREATER THAN 5 FEET, THIS CONSTITUTES A MAJOR ACTION AND AN FCC FORM 435 MUST BE SUBMITTED AND GRANTED BEFORE THE MOVE CAN BE MADE.

(19) ENTERING A SERVICE TEST DATE WHICH IS THE SAME DATE OR A DATE BEFORE THE EIC NOTIFICATION DATE WILL RESULT IN THE ERROR MESSAGE:

ERROR—THE SERVICE TEST DATE ##/##/## IS BEFORE
THE EIC NOTIFICATION DATE ##/##/## RE-ENTER

ENTER THE SERVICE TEST DATE IN THE FORMAT
(MM/DD/YY)
>

CHECK TO SEE THE DATES WERE ENTERED IN THE CORRECT ORDER. THE SERVICE TEST DATE SHOULD BE A DATE AFTER THE EIC NOTIFICATION DATE AND CANNOT BE THE SAME DATE. THE PROGRAM WILL WAIT FOR THE USER TO ENTER THE CORRECT DATES. BOTH DATES MUST BE RE-ENTERED BEFORE THE PROGRAM WILL CONTINUE.

(20) EITHER ONE OF TWO ERROR MESSAGES MAY RESULT FROM ENTERING AN INCORRECT ROUTE FILE NUMBER:

1. ATTEMPTING TO PROCESS AN APPLICATION FOR SOME ACTION WHEN THE ACTION HAS NOT YET BEEN GRANTED WILL RESULT IN THE ERROR MESSAGE:

ERROR—HISTORY STATUS CODE (XX) INDICATES THAT THE CONSTRUCTION PERMIT HAS NOT YET BEEN GRANTED. STATION IS NOT PROCESSED

GO TO THE END OF THE PAGE AND ENTER A
ZERO (0) IF STATION IS TO BE PROCESSED
ONE (1) IF STATION IS NOT TO BE PROCESSED
>

CHECK THE HISTORY PRINTOUT FOR THE TRANSMIT STATION BEING PROCESSED. THE STATUS CODE IN THE QUERY WHICH IS REPRESENTED BY THE X'S SHOULD BE FOUND IN THE FIELD LABELED 'STATUS' NEAR THE CENTER OF THE PAGE. THE USER SHOULD DETERMINE IF THE CONSTRUCTION PERMIT HAS BEEN GRANTED. IF THE CONSTRUCTION PERMIT HAS BEEN GRANTED BUT THE HISTORY FILE HAS NOT YET BEEN UPDATED, THE USER SHOULD TAKE WHATEVER STEPS ARE NECESSARY TO HAVE HISTORY UPDATED. THE PROGRAM WILL NOT PROCESS AN APPLICATION UNLESS THE STATUS CODE IS 'GR' OR 'PL'. THE USER SHOULD THEN SELECT NOT TO PROCESS THIS STATION SINCE THE COMPUTER LISTING WILL BE INCOMPLETE.

2. ENTERING A ROUTE FILE NUMBER THAT IS EITHER INACTIVE OR ONE THAT DOES NOT EXIST WILL RESULT IN THE ERROR MESSAGE:

ERROR—ROUTE FILE NUMBER ######## CANNOT BE FOUND OR IS INACTIVE
CHECK AND RE-ENTER

ENTER THE ROUTE FILE NUMBER IN THE FORMAT
(RRRRRRRR)
>

CHECK THE HISTORY PRINTOUT FOR THE TRANSMIT STATION. DETERMINE IF THE ROUTE FILE NUMBER EXISTS. THE ACTIVE ROUTE FILE NUMBERS ARE LISTED TOGETHER AT THE TOP OF THE PAGE. CHECK THE ERROR MESSAGE, THE NUMBER THE USER HAS ENTERED IS SHOWN IN THE QUERY AND IS REPRESENTED BY THE #'S. THE PROGRAM MAY BE A TYPOGRAPHICAL ERROR OR AN ERROR TRANSCRIBING THE NUMBER.

IF IT IS DETERMINED THAT THE NUMBER THE USER IS ATTEMPTING TO ENTER DOES NOT EXIST OR IS INACTIVE, THE USER SHOULD FOLLOW THE PROCEDURE OUTLINED BELOW, UNDER EXIT, TO CONTINUE. A ROUTE FILE NUMBER IS MADE UPDATING THE HISTORY FILE AND ENTERING A 'GR' OR 'PL' IN THE LICENSE STATUS FIELD.

REFER TO ATTACHMENT 1 OF THIS INSTRUCTION TO INTERPRET THE CONSTRUCTION PERMIT STATUS CODES AND LICENSE STATUS CODES.

EXIT

WHEN THE SYSTEM REQUESTS THE ROUTE FILE NUMBER WITH THE QUERY:

ENTER THE ROUTE FILE NUMBER IN THE FORMAT
(RRRRRRRR)
>

THE USER SHOULD HIT THE ENTER/RETURN KEY WITHOUT ENTERING ANY DATA.

THE SYSTEM WILL RESPOND:

*ACCEPTED!

THIS INDICATES THE PROGRAM HAS RECOGNIZED THAT THE USER WISHES TO TERMINATE THE PROCESSING OF THIS STATION. THE SYSTEM WILL RESPOND BY ASKING THE USER IF THIS STATION IS TO BE PROCESSED, SINCE THE ROUTE FILE NUMBER IS INCORRECT, THE USER SHOULD REQUEST THE STATION NOT BE PROCESSED BECAUSE THE DATA ENTERED ON THE COMPUTER LISTING WILL BE INCOMPLETE.

(21) TWO ERROR CONDITIONS CAN EXIST WHEN ENTERING A FREQUENCY IN RESPONSE TO THE 'ENTER FREQUENCY' QUERY WHEN PROCESSING AN ACTION CODE ASSOCIATED WITH THE 'LP' NATURE OF APPLICATION CODE:

1. IF THE FREQUENCY THE USER IS ATTEMPTING TO PROCESS DOES NOT EXIST IN THE HISTORY FILE FOR THE STATION THAT IS BEING PROCESSED, THE FOLLOWING ERROR MESSAGE WILL RESULT:

ERROR—FREQUENCY ####.# IS NOT IN HISTORY. CHECK AND RE-ENTER

ENTER FREQUENCY TO BE FILED FOR
?
>

CHECK THE HISTORY FILE FOR THE STATION BEING PROCESSED. DETERMINE THE CORRECT FREQUENCY TO BE ENTERED. CHECK THE FREQUENCY IN THE QUERY WHICH IS REPRESENTED BY THE #'S, IT WILL INDICATE THE FREQUENCY ENTERED BY THE USER. THE TROUBLE MAY BE A TYPOGRAPHICAL ERROR OR AN ERROR IN TRANSCRIBING THE FREQUENCY FROM THE HISTORY PRINTOUT. THE PROGRAM WILL GIVE THE USER THE OPPORTUNITY TO RE-ENTER THE CORRECT FREQUENCY AS SHOWN ABOVE.

2. IF THE FREQUENCY ENTERED HAS ALREADY BEEN PROCESSED, THE FOLLOWING ERROR MESSAGE WILL BE DISPLAYED:

ERROR—REQUESTED FREQUENCY ####.# HAS ALREADY BEEN FILED

ENTER FREQUENCY TO BE FILED FOR
?
>

THIS ERROR MESSAGE INDICATES THE FREQUENCY ENTERED REPRESENTED BY THE #'S HAS ALREADY BEEN FILED. IF THE USER IS SURE THE FREQUENCY WAS NOT PROCESSED THE ERROR MAY HAVE BEEN CAUSED BY ENTERING THE FREQUENCY BY MISTAKE AT AN EARLIER SESSION. IN THIS CASE, TRANSMISSION ENGINEERING LONG LINES HEADQUARTERS MUST BE CONSULTED TO REMOVE THE INVALID STATUS CODE. THE STATUS CODE DOES NOT APPEAR ON THE HISTORY PRINTOUT. THE ONLY INDICATION THAT THE CODE EXISTS IS THIS ERROR MESSAGE.

(22) ATTEMPTING TO DELETE A POINT OF COMMUNICATION WHICH HAS WORKING FREQUENCIES SHOWN IN THE MSR WILL RESULT IN THE ERROR MESSAGE:

ERROR—STATION (CLC OF STATION) NOT DELETED. A WORKING FREQUENCY (####.#) WAS ENCOUNTERED. WILL PROCEED AS A CHANNEL DELETE

ENTER FREQUENCY TO BE REMOVED
?
>

THE USER MUST INSURE THAT THE STATION ENTERED ABOVE IS THE POINT TO BE DELETED. A CHANNEL STATUS CODE OF (>) MUST BE ENTERED IN THE MSR FOR ALL WORKING FREQUENCIES LISTED. THIS STATUS CODE CHECK IS A SAFEGUARD BUILT INTO THE PROGRAM TO PREVENT ACCIDENTAL ERASURES OF THE MSR FOR WORKING STATIONS.

SEE BSP 940-330-110 TABLE H FOR HELP INTERPRETING THE CHANNEL STATUS CODES.

THE LOWEST WORKING FREQUENCY IN THE LOWEST FREQUENCY BAND WILL BE DISPLAYED IN THE PROGRAM RESPONSE AND IS REPRESENTED BY THE #'S IN THE EXAMPLE ABOVE. IF THIS IS THE CORRECT POINT BUT THE CHANNEL STATUS CODE IS WRONG FOR THE FREQUENCY LISTED, THE USER SHOULD HIT THE ENTER/RETURN KEY TO CONTINUE. PROCEED WITH THE PROGRAM, TERMINATING IT WHEN GIVEN THE OPPORTUNITY LATER. CHANGE THE STATUS CODE FOR ALL WORKING FREQUENCIES AS APPROPRIATE THEN RERUN THE PROGRAM.

(23) ATTEMPTING TO PROCESS THE 'MA' OR 'RA' ACTION CODES WHEN THE ANTENNA DATA IS IN ERROR WILL RESULT IN THE ERROR MESSAGE:

NO DATA AVAILABLE FOR ANT # ***
CHECK AND RE-ENTER
>

THE ERROR MESSAGE MAY APPEAR BECAUSE OF TWO DIFFERENT CONDITIONS, THEY ARE:

1. THE ERROR MESSAGE MAY APPEAR BEFORE THE PROGRAM QUERY REQUESTING DATA FOR AN ANTENNA IS DISPLAYED. THE MESSAGE IS ALERTING THE USER, THE ANTENNA CODE IN THE MSR IS IN ERROR. THE PROGRAM HAS ATTEMPTED TO MATCH THE ANTENNA BEING PROCESSED, WHICH IS REPRESENTED BY THE *'S, WITH AN ANTENNA HAVING THE SAME CODE IN THE ANTENNA MASTER FILE FOR THE FREQUENCY BAND BEING PROCESSED. THE MSR MUST BE CORRECTED BEFORE THE PROGRAM CAN PROCESS EITHER ACTION CODE FOR THIS ANTENNA. CONSULT THE 'LSTANT' PRINTOUT FOR THE ANTENNA AND FREQUENCY BAND BEING PROCESSED TO DETERMINE THE CORRECT ANTENNA CODE.

2. IF THE ACTION CODE 'RA' IS BEING PROCESSED AND THE ERROR MESSAGE APPEARS AFTER THE NEW ANTENNA CODE IS ENTERED, THE USER IS BEING ADVISED THAT THE CODE ENTERED IS NOT VALID OR DOES NOT EXIST FOR THE FREQUENCY BAND BEING PROCESSED. CONSULT THE 'LSTANT' PRINTOUT FOR THE FREQUENCY BAND BEING PROCESSED TO DETERMINE THE CORRECT CODE. THE USER SHOULD CHECK THE PROGRAM RESPONSE, THE CODE ENTERED IS REPRESENTED BY THE *'S. A CHECK MAY INDICATE THE PROBLEM TO BE A TYPOGRAPHICAL ERROR OR AN ERROR IN TRANSCRIBING THE DATA.

4.0 ****** INFORMATIONAL MESSAGES

(1.) **THIS STATION HAS A JOINT LICENSE. THE JOINT LICENSE CODE IS XX**

THIS ITEM WILL PRINT IF THE STATION IS JOINTLY LICENSED. THE STATEMENT INDICATES TO THE USER THAT MORE THEN ONE LICENSE EXISTS FOR THIS STATION. DEPENDING ON THE ACTION, ANOTHER LICENSE HELD BY YOUR COMPANY MAY HAVE TO BE UPDATED OR ANOTHER COMPANY MAY HAVE TO BE NOTIFIED OF THE ACTION SO THEY CAN UPDATE THEIR LICENSE.

THIS DATA IS DERIVED FROM THE MSR IN THE 'JL' FIELD AND THE CODES ARE EXPLAINED IN BSP 940-330-110 TABLE N.

(2.) **TOPOGRAPHIC MAP MAY BE REQUIRED

THIS ITEM REMINDS THE USER THAT DEPENDING ON THE AMOUNT THE COORDINATES HAVE BEEN CHANGED THE APPLICATION MAY REQUIRE A TOPOGRAPHIC MAP BE ATTACHED.

(3.) **FREQUENCY COORDINATION MAY BE REQUIRED

THIS ITEM REMINDS THE USER THAT DEPENDING ON THE AMOUNT THE COORDINATES HAVE BEEN CHANGED OR WHEN THE ACTION BEING PROCESSED IS A DECREASE IN TRANSMITTER POWER (ACTION CODE 'DP') THE APPLICATION MAY REQUIRE A FREQUENCY COORDINATION STATEMENT. THE STATEMENT MAY BE REQUIRED WHEN CHANGING COORDINATES DEPENDING ON THE AMOUNT OF THE CHANGE OR MUST BE SUBMITED WHEN DECREASING POWER. THE FREQUENCY COORDINATION STATEMENT IF ATTACHED SHOULD BE LABELED EXHIBIT L.

(4.) **ANTENNA SUPPORTING STRUCTURE (VERTICAL PROFILE SKETCH) MUST BE ATTACHED

THIS ITEM PRINTS OUT TO REMIND THE USER THAT A 'TOWER SKETCH' SHOULD BE INCLUDED WITH THIS APPLICATION. THE SKETCH SHOULD BE UPDATED TO SHOW THE CHANGE IN THE BUILDING HEIGHT, GROUND ELEVATION OR ANTENNA STRUCTURE HEIGHT AS APPLICABLE.

(5.) **FAA STUDY MAY BE REQUIRED

FAA AUTHORIZATION FOR THIS STATION IS ####

THIS ITEM REMINDS THE USER THAT DUE TO THE HEIGHT OF THE TOWER, IT IS NECESSARY TO INCLUDE AN FAA STUDY (EXHIBIT F). THE MESSAGE ALSO INCLUDES THE FAA AUTHORIZATION NUMBER IF ONE EXISTS IN THE MSR FOR THIS STATION.

IF IT BECOMES NECESSARY TO CONSULT THE MSR TO CONFIRM THAT THE DATA IS CORRECT, THE 'UTILSD' PROGRAM OPTION 8 SHOULD BE USED. THE 'FAA AUTHORIZATION' FIELD ON THE PRINTOUT GIVES THE AUTHORIZATION NUMBER AND THE 'AUTH HEIGHT' FIELD CONTAINS THE AUTHORIZED HEIGHT FOR THAT STATION.

NOTE: THE MESSAGE WILL APPEAR ONLY WHEN THE TOWER HEIGHT BEFORE OR AFTER PROCESSING IS 200 FEET OR TALLER. THE PROGRAM DOES NOT WARN THE USER THAT AN FAA STUDY MAY BE REQUIRED FOR A STATION WHOSE TOWER IS LESS THAN 200 FEET TALL BUT IS CLOSE ENOUGHT TO AN AIRPORT THAT A STUDY MAY BE NECESSARY. CONSULT FCC RULES AND REGULATIONS PART 17 TO DETERMINE THE NECESSARY CRITERIA FOR STATIONS WITH THESE CONDITIONS.

(6.) **TOWER LIGHTING & MARKING IS SPECIFIED BY PARAGRAPHS: #,#

THIS MESSAGE REMINDS THE USER THAT THE COMMISSION HAS SPECIFIED CERTAIN MARKING AND LIGHTING REQUIREMENTS AS LISTED AND REPRESENTED BY THE #'S. THIS MESSAGE WILL ONLY PRINT FOR TOWERS 200 FEET OR TALLER BEFORE OR AFTER PROCESSING. IN CASES WHERE THE TOWER LIGHTING AND MARKING IS BEING DELETED, THIS PROVIDES THE USER WITH THE DATA NECESSARY TO FILE THE REQUEST SINCE THE STATEMENT LISTS ALL THE FCC REQUIREMENTS BY PARAGRAPH NUMBER.

IF IT BECOMES NECESSARY TO CONSULT THE MSR TO CONFIRM THAT THE DATA IS CORRECT, THE 'UTILSD' PROGRAM OPTION 8 SHOULD BE USED. THE FIELD CONTAINING THE MARKING AND LIGHTING CODE IS LABELED 'LITE& MARK'

FOR AN EXPLANATION OF THE CODES CONSULT BSP 940-330-110 TABLE J.

(7.) ***SEE TRANSMIT NOTE FOR STATION XXXXXXXXXXX***

THIS MESSAGE REMINDS THE USER THAT THE STATION REPRESENTED BY THE X'S ALREADY HAS AN ACTION GRANTED BUT NOT LICENSED OR PENDING WITH THE COMMISSION.

THIS MESSAGE WILL HELP INSURE THAT APPLICATIONS FILED WITH THE COMMISSION ARE SUBMITTED IN THE PROPER SEQUENCE SO THAT INCORRECT DATA WILL NOT BE ENTERED ON THESE APPLICATIONS.

5.0 ****** LIST OF CONSTRUCTION PERMIT AND LICENSE STATUS CODE

THE FOLLOWING IS A LIST OF CONSTRUCTION PERMIT AND LICENSE STATUS CODES, AS FOUND IN HISTORY, WITH A SHORT DESCRIPTION OF EACH CODE.

CONSTRUCTION PERMIT STATUS CODES

CODE		DESCRIPTION
PR	—	APPLICATION IN PREPARATION
AP	—	APPLIED FOR
OP	—	CONSENT TO ASSIGNMENT (PARTIAL) APPLIED FOR
PN	—	ON PUBLIC NOTICE
DP	—	DISMISS WITHOUT PREJUDICE
AM	—	AMENDED APPLIED FOR
GR	—	GRANTED CP
MO	—	MODIFIED (APPLIED FOR)
MP	—	MODIFIED ON PUBLIC NOTICE
MG	—	GRANTED (MODIFIED)
PL	—	CP/LIC APPLIED FOR CONCURRENTLY
XA	—	EXTENSION OF TIME REQUESTED
XG	—	EXTENSION GRANTED

LICENSE STATUS CODES

CODE		DESCRIPTION
CA	—	APPLIED FOR TO COVER CP
CI	—	APPLIED FOR TO PARTIALLY LICENSE CONSTRUCTION PERMIT
CS	—	APPLIED FOR TO SUBSEQUENTLY LICENSE CONSTRUCTION PERMIT
CF	—	APPLIED FOR TO COMPLETE LICENSING OF CONSTRUCTION PERMIT
DA	—	DELETE FREQUENCY APPLIED FOR
DG	—	DELETE FREQUENCY GRANTED
FX	—	FREQUENCY DROPPED FROM GRANTED CP
MI	—	PARTIALLY LICENSED CP GRANTED
MS	—	SUBSEQUENTLY LICENSED CP GRANTED
MF	—	FINAL LICENSING OF CP GRANTED
PL	—	CP/LIC GRANTED CONCURRENTLY
GR	—	INITIAL LICENSE GRANTED
GX	—	CONSTRUCTION PERMIT ALLOWED TO EXPIRE
MA	—	MODIFIED APPLIED FOR
MG	—	MODIFIED GRANTED
NA	—	NOT APPLIED FOR AS OF THIS DATE
OA	—	CONSENT TO ASSIGNMENT (FULL TRANSFER)
OP	—	CONSENT TO ASSIGNMENT (PARTIAL TRANSFER)
RA	—	RENEWAL APPLIED FOR
RG	—	RENEWAL GRANTED
SD	—	SERVICE DATE
TA	—	STA REQUESTED
TG	—	STA GRANTED

6.0 ****** SAMPLE PRINTOUTS

6. 1 ** SAMPLE PRINTOUT: UTILSD PROGRAM

DATE 07/29/77 TOWER INFORMATION PAGE 1

COMPANY 1175 AREA 1 STATE NJ

STATION NAME		LITE& MARK	FAA AUTHORIZATION	T O W E R - T Y P E	AUTH. HEIGHT
ALPINE	NJ	1J	74-EA-444-OE	TYPE H - SQUARE	206.0
ATLNTIC CTY	NJ		NYC-OE-68-389	SPECIAL	160.0
BARNEGAT	NJ	1J	EA-OE-6596	TYPE K - SINGLE PLATFORM	268.0
CEDARBROOK2	NJ	1J	73-EA-941-OE	TYPE J - EQUIV OF A OR L	238.0
CEDARBROOK1	NJ	1J	1-OE-3408	TYPE A - DOUBLE PLATFORM	221.0
CHERVLR-DEV	NJ	1J	EA-OE-6518	TYPE A - DOUBLE PLATFORM	246.0
CHERRYVILLE	NJ	1J	EA-OE-6518	TYPE A - DOUBLE PLATFORM	246.0
COLUMBUS	NJ	1J	71-EA-236-OE	TYPE H - SQUARE	218.0
CAMDEN	NJ		71-EA-56-OE	SPECIAL	251.0
COLESVILLE	NJ	1J	74-EA-1225-OE	2 TYPE A SINGLE PLATFORM	206.0
CARMEL	NJ	1J	70-EA-456-OE	TYPE H - SQUARE	284.0
FREEHOLD	NJ		76-EA-597-OE	TYPE A - DOUBLE PLATFORM	190.5
GREEN POND1	NJ		74-EA-1251-OE	TYPE A - DOUBLE PLATFORM	191.0
GREEN POND2	NJ	1J	EA-OE-5704	TYPE H - SQUARE	252.0
HAMILTON SQ	NJ	1P	71-EA-455-OE	TYPE H - SQUARE	308.0
HOPE	NJ	1P	NYC-OE-65-122	TYPE H - SQUARE	368.0
ISELIN -DEV	NJ		75-EA-145-OE	TYPE H - SQUARE	172.0
ISELIN	NJ		75-EA-145-OE	TYPE H - SQUARE	172.0
JENKINS	NJ		74-EA-1022-OE	TYPE A - SINGLE PLATFORM	163.0
KINNELON	NJ		73-EA-940-OE	TYPE H - SQUARE	169.0
MANAHAWKIN	NJ		1-OE-2391	TYPE B - SQUARE	80.0
MONMOUTH JT	NJ	1P	74-EA-1247-OE	TYPE H - SQUARE	368.0
MOUNT ROYAL	NJ		74-EA-1243-OE	TYPE A - DOUBLE PLATFORM	208.0
MARTINSVILL	NJ		74-EA-1248-OE	TYPE A - DOUBLE PLATFORM	136.0
NEW BRUNSWK	NJ		74-EA-1241-OE	CONCRETE TOWER	174.0
NEW EGYPT	NJ	1P		TYPE A - DOUBLE PLATFORM	271.0
NETCONG	NJ	1J	74-EA-296-OE	TYPE A - SINGLE PLATFORM	274.0
NAVESINK	NJ	1P	74-EA-1242-OE	TYPE A - DOUBLE PLATFORM	383.0
NEW ALBANY	NJ	1J	74-EA-448-OE	2 TYPE A SINGLE PLATFORM	218.0
NEWARK	NJ	1B		TYPE H - SQUARE	243.0
PORT REPUBL	NJ		75-EA-430-OE	TYPE H - SQUARE	262.0
PATERSON W.	NJ		EA-OE-65-69	TYPE A - DOUBLE PLATFORM	164.0
QUINTON	NJ	1P	EA-OE-5829	TYPE A - SINGLE PLATFORM	368.0
ROCHELLE PK	NJ		71-EA-753-OE	CONCRETE TOWER	216.0
STONE TAVRN	NJ		74-EA-1230-OE	TYPE A - DOUBLE PLATFORM	137.0
SWEDESBORO	NJ	1P		TYPE A - SINGLE PLATFORM	256.0
SAYREVILLE	NJ	1J	EA-OE-5996	TYPE H - SQUARE	218.0
TRENTON	NJ		71-EA-269-OE	SPECIAL	234.0
MOUNT AIRY	NJ			TYPE H - SQUARE	151.0

6. 2 ** SAMPLE PRINTOUT: LSTNDX PROGRAM

COMMON LANGUAGE CODE INDEX

FILE LONG LINES CO. # = 1175 | AREA NORTHEASTERN 39 STATIONS (39) LICENSED | INDEX DATE FRI JUL 29, 1977 39 INFO-FILED STATE = N.

	NAME	CODE	AREA-CO. #	ISSUE	INSPECTED		CALL SIGN	JT
			** A **					
(1)	ALPINE	ALPINJQ0010	1 - 1175	15	111375	F	KEM67	
(2)	ATLNTIC CTY	ATCYNJQ0001	1 - 1175	12	012676	F	KEM32	JA
			** B **					
(3)	BARNEGAT	BRGTNJQ0010	1 - 1175	6	012676	F	KEM76	JM
			** C **					
(4)	CAMDEN	CMDNNJQ0001	1 - 1175	10	051976	F	KEM51	JT
(5)	CARMEL	CRMLNJQ0010	1 - 1175	8	031276	F	KVU50	JM
(6)	CEDARBROOK1	CDBKNJQ0010	1 - 1175	10	121275	F	KEM29	
(7)	CEDARBROOK2	CDBKNJQ0002	1 - 1175	15	121275	F	KVU49	JL
(8)	CHERRYVILLE	CHVLNJQ0001	1 - 1175	40	100775	F	KEA77	
(9)	CHERVLR-DEV	CHVLNJQ0DEV	1 - 1175	10		F	WCF987	
(10)	COLESVILLE	COVLNJQ0001	1 - 1175	34	100275	R	KEE60	
(11)	COLUMBUS	CLMBNJQ0010	1 - 1175	17	021276	F	WBP72	
			** F **					
(12)	FREEHOLD	FRHDNJQ0010	1 - 1175	16		F	WBB230	JT
			** G **					
(13)	GREEN POND1	GNPDNJQ0010	1 - 1175	24	102975	CR	KEB27	
(14)	GREEN POND2	GNPDNJQ0020	1 - 1175	11	102975	F	KEM52	JM
			** H **					
(15)	HAMILTON SQ	HMSQNJQ0001	1 - 1175	23	100775	F	WBP73	JT
(16)	HOPE	HOPENJQ0010	1 - 1175	10	121075	F	KTQ69	
			** I **					
(17)	ISELIN	ISLNNJQ0010	1 - 1175	34	102275	F	KEA76	JM
(18)	ISELIN -DEV	ISLNNJQ0DEV	1 - 1175	13		F	WCF988	J
			** J **					
(19)	JENKINS	JNKNNJQ0003	1 - 1175	11	012676	F	KEM28	JT
			** K **					
(20)	KINNELON	KNLNNJQ0010	1 - 1175	12	102975	F	KYC81	LX

6. 3 ** SAMPLE PRINTOUT: PRINTADR PROGRAM

```
ALMA          - ALMANYQ0010
  3.2 MILES NE OF          - ALMA              - ALLEGANY

ALPINE        - ALPINJQ0010
  2.2 MI NNE OF ALPINE     - ALPINE            - BERGEN

ANDOVER       - ANDVMEQ0010
  2.6 MI EAST OF           - ANDOVER           - OXFORD

ASHBURNHAM    - ASHMMAQ0020
  3.5 MI NE OF             - ASHBURNHAM        - WORCESTER

ASNEBUMSKIT   - ASNBMAQ0010
  5 MI NW OF WORCESTER     - WORCESTER         - WORCESTER

AUSTERLITZ    - ASTZNYQ0010
  1 MI WEST OF AUSTERLITZ  - AUSTERLITZ        - COLUMBIA

ATLNTIC CTY   - ATCYNJQ0001
  1609 PACIFIC AVE         - ATLANTIC          - ATLANTIC

ATHENS        - ATHNMEQ0010
  3.6 MI NE OF             - ATHENS            - SOMERSET

ATTICA        - ATTCNYQ0010
  2.75 MI WEST OF          - ATTICA            - WYOMING

BLACK MTN.    - BCMTMEQ0010
  4.5 MI SE OF             - EAST ANDOVER      - OXFORD

BUFFALO       - BFLONYQ0030
  65 FRANKLIN ST           - BUFFALO           - ERIE

BIRCH HILL    - BIHLNYQ0010
  5 MI SE OF               - PAWLING           - PUTNAM

BERKLEY       - BKLYMAQ0010
  1 MI S OF                - BERKLEY           - BRISTOL

BLACKSTONE    - BLCSMAQ0010
  3.0 MI NORTH OF          - BLACKSTONE        - WORCESTER

BALD HILL     - BLHLCTQ0010
  2.4 MI SW OF             - UNION             - TOLLAND

BARNES CRNS   - BNCRNYQ0010
  3.0 MI NE OF             - BARNES CORNERS    - LEWIS

BINGHAMTON    - BNGHNYQ0020
  64 HENRY ST              - BINGHAMTON        - BROOME

BANGOR        - BNGRMEQ0020
  59 PARK ST               - BANGOR            - PENOBSCOT
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(CINCINNATI ) TRANSMIT STATION      3 REC STATIONS   DATE  08/02/77   ISSUE  20   COMMON LANGUAGE CODE  CNCNOHQ0001    **PAGE  1**
COMPANY    STATE  CALL SGN LATITUDE  LONGITUDE  ATH HGT  BLD HGT  GND AMSL  TWR: HGT -TYPE  QZ  JL  PRI ALM CTR  CONT TEL NO.  NOTE
8-1175-     OH       KQN89  39- 6-10   84-31- 2   356.0    123.0     553.0       95.0  SPEC   2   J  DAYTON                        01

NOTE( 01-A)  87.5FT TWR ON 7.5FT PLAT ON 207.0FT BLDG TO OWENSVILLE
    ( 01-B)  24.0FT TWR ON 8.5FT PLAT ON 207.5FT BLDG TO WHITE OAK

RX STATION    CO.NO.   C.L.CODE  CALL SGN T.SITE PATH DISTANCE    AZIMUTH B. AZM LATITUDE  LONGITUDE GND AMSL ATH HGT BLD HGT NOTE
OWENSVILLE  8-8181-TD OWVLOHQ0010  KQN90   TS   20.48MI  32.95KM   78.28  258.51 39- 9-45   84- 8-38   870.0     0.0     0.0   02

NOTE( 02)    ALARM CENTER AT OHIO BELL TELCO STATION IN DAYTON OH

   2 GHZ CHANNEL DATA (FREQ.-POL.-STATUS-EQPT.NO.)      ((TRANS. ANT.)/ MFG./       TYPE       /CODE/I.CD/ GN /C/L HGT) T.PD WG LS
                                                        PR WESTERN ELECTRIC -KS15676,BD         B275 427  31.3  100.4  25 DB  6 DB
 # 1 2129.3 CA 1   # 2 2130.5 CR 2   # 3 2129.3 CA 1
 # 4 2127.7 OV 2   # 5 2157.8 FC 2   # 6 2157.9 CA 1     (EQUIPMENT  MFG. /       TYPE       ) CODE I.CD-POL TR PWR  P.L. A.R.L.
                                                        #1 AVANTEK INC.     -DR2A-T1             1013   CA-AB  30 DBM 129.4  -98.3
                                                        #2 FARINON ELECTRIC -PT2000B             2490   FA-AB  40 DBM 129.4  -88.3

                                                        ((REC. ANT.)/   MFG./       TYPE       /CODE/I.CD/ GN /C/L HGT) R.PD WG LS
                                                        PR WESTERN ELECTRIC -KS15676,BD         B275 427  31.3  100.4  20 DB 11 DB

   6 GHZ CHANNEL DATA (FREQ.-POL.-STATUS-EQPT.NO.)      ((TRANS. ANT.)/ MFG./       TYPE       /CODE/I.CD/ GN /C/L HGT) T.PD WG LS
                                                        PR WESTERN ELECTRIC -KS15676            B631 031  43.0  309.5   0 DB  3 DB
 # 1 6056.4 D: 1   # 2 5937.8 VC 1   # 3 5997.1 VC 1   DV CABLEWAVE SYSTEMS-UDA8-59 R          S924 883  41.3  250.0   0 DB  3 DB
 # 4 6115.7 VV 1   # 5 5967.4 H> 1
                                                           (EQUIPMENT  MFG. /       TYPE       ) CODE I.CD-POL TR PWR  P.L. A.R.L.
          BEAM INTERSECTION WITH SATELLITE              #1 WESTERN ELECTRIC -TM-1               9744   LC-H   20 DBM 138.6  -20.6
        BEAM INTERSECTS ORBITAL ARC-MAX PWR  3 DBW      #2 WESTERN ELECTRIC -TH-3               9634   LC-H   20 DBM 138.6  -20.6

                                                        ((REC. ANT.)/   MFG./       TYPE       /CODE/I.CD/ GN /C/L HGT) R.PD WG LS
                                                        PR WESTERN ELECTRIC -KS15676            B631 031  43.0  307.5 -18 DB  3 DB
                                                        DV CABLEWAVE SYSTEMS-UDA8-59 R          S924 883  41.3  200.5 -18 DB  3 DB

  11 GHZ CHANNEL DATA (FREQ.-POL.-STATUS-EQPT.NO.)      ((TRANS. ANT.)/ MFG./       TYPE       /CODE/I.CD/ GN /C/L HGT) T.PD WG LS
                                                        PR WESTERN ELECTRIC -KS15676            B048 048  48.0  309.5   0 DB  5 DB
 # 1 10755 HC 1    # 2 10915 V: 1    # 3 11075 V: 1
 # 4 10995 HC 1                                          (EQUIPMENT  MFG. /       TYPE       ) CODE I.CD-POL TR PWR  P.L. A.R.L.
                                                        #1 WESTERN ELECTRIC -TL-2                9722   YA-H   20 DBM 143.8  -40.2

                                                        ((REC. ANT.)/   MFG./       TYPE       /CODE/I.CD/ GN /C/L HGT) R.PD WG LS
                                                        PR WESTERN ELECTRIC -KS15676            B048 048  48.0  307.5   0 DB  7 DB

RX STATION    CO.NO.   C.L.CODE  CALL SGN T.SITE PATH DISTANCE    AZIMUTH B. AZM LATITUDE  LONGITUDE GND AMSL ATH HGT BLD HGT NOTE
WHITE OAK   8-1175-   WHOKOHQ0010 PASREF   RF    7.94MI  12.77KM  325.69  145.64 39-11-52   84-36- 2   950.0    45.0     0.0   03

NOTE( 03)    ALARM CENTER AT CINCINNATI OH

   6 GHZ CHANNEL DATA (FREQ.-POL.-STATUS-EQPT.NO.)      ((TRANS. ANT.)/ MFG./       TYPE       /CODE/I.CD/ GN /C/L HGT) T.PD WG LS
                                                        PR WESTERN ELECTRIC -KS15676            B631 031  43.0  247.0   0 DB  3 DB
 # 1 6108.3 H* 1   # 2 6049.0 H: 1
                                                           (EQUIPMENT  MFG. /       TYPE       ) CODE I.CD-POL TR PWR  P.L. A.R.L.
          NO BEAM INTERSECTION WITH SATELLITE           #1 WESTERN ELECTRIC -TM-1               9744   LS-H   20 DBM 130.4  -72.4

                                                        ((REC. ANT.)/   MFG./       TYPE       /CODE/I.CD/ GN /C/L HGT) R.PD WG LS
                                                        PR ALL MANUFACTURERS-40X50 BILLBOARD     XP58        0.0  188.5   0 DB  2 DB
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(COLESVILLE ) TRANSMIT STATION                    DATE  29JUL77    ISSUE  34   COMMON LANGUAGE CODE  COVLNJQ0001     **PAGE  1**

 CURRENT LICENSE #       PREVIOUS LICENSE #      CALL SIGN        STREET ADDRESS              CITY                COUNTY
 3668-CF-ML-75             2349-C1-ML-74           KEE60      2.5 MI NW OF                COLESVILLE          SUSSEX

                          A C T I V E   R O U T E   F I L E   N U M B E R S
   15001001      1500100      N1600502     N1600503     16013003     16013004

 RECEIVE STATION - CAMPBEL HAL     CALL SIGN  KTQ68       TYPE STATION TS       COMMON LANGUAGE CODE CMHLNYQ0010

 FILE NO     PROJECT #   EST/JOB #   CONST START DATE   CP FILE NUMBER   STATUS     DATE      LICENSE FILE NO   STATUS    DATE
 N1600503    6RE201       XXXXX          04/20/76       3728-CF-P/L-7     TG     05/06/76   3728-CF-P/L-76       TG    05/06/76

   NATURE OF APPLICATION CODES                          FREQUENCIES APPLIED FOR(FREQ-POL-OP CODE-EQ#)
   NS                                  # 1  6152.8 V-  -1

   TRANSMIT STATION CHANGES   LATITUDE   LONGITUDE   STRUCTURE HEIGHT   BLDG HEIGHT   GND ELEVATION
                              41-18-15    74-40-27     191.0 FT AGL       0 FT AGL    1210.0 FT AMSL

   RECEIVE  STATION CHANGES   LATITUDE   LONGITUDE   STRUCTURE HEIGHT   BLDG HEIGHT   GND ELEVATION
                              41-26-30    74-13-43     206.0 FT AGL       0 FT AGL     396.0 FT AMSL

   ANTENNA DATA                          PRIMARY                                          DIVERSITY
                        CODE    ANTENNA MFG   -      TYPE          C/L HT      CODE    ANTENNA MFG   -      TYPE          C/L HT
        6GHZ TRANSMIT   B676 WESTERN ELECTRIC -KS15676,BD          107.5
        6GHZ RECEIVE    B631 WESTERN ELECTRIC -KS15676             195.0

   EQUIPMENT DATA   CODE  EQUIPMENT MFG   -       TYPE       FCC CODE   QUANTITY          POWER          MODULE CODE
                    #1 9590 WESTERN ELECTRIC -TH               2PY901       1     12.00 WATTS (41 DBM)


*** NO HISTORICAL DATA AVAILABLE FOR DEL WTR GAP

*** NO HISTORICAL DATA AVAILABLE FOR GOULDSBORO

 RECEIVE STATION - GLEN SPEY       CALL SIGN  WSM38       TYPE STATION TS       COMMON LANGUAGE CODE GLSPNYQ0010

 FILE NO     PROJECT #   EST/JOB #   CONST START DATE   CP FILE NUMBER   STATUS     DATE      LICENSE FILE NO   STATUS    DATE
 16013003    7RE113       G1913          08/01/77                                    / /                           18      / /

   NATURE OF APPLICATION CODES                          FREQUENCIES APPLIED FOR(FREQ-POL-OP CODE-EQ#)
   AF                                  # 1 10975.0 H-  -1

   ANTENNA DATA                          PRIMARY                                          DIVERSITY
                        CODE    ANTENNA MFG   -      TYPE          C/L HT      CODE    ANTENNA MFG   -      TYPE          C/L HT
        11GHZ TRANSMIT  B030 WESTERN ELECTRIC -KS15676,BC          107.5
        11GHZ RECEIVE   B030 WESTERN ELECTRIC -KS15676,BC          157.5

   EQUIPMENT DATA   CODE  EQUIPMENT MFG   -       TYPE       FCC CODE   QUANTITY          POWER          MODULE CODE
                    #1 9775 WESTERN ELECTRIC -TN-1             2P7V01       1      5.00 WATTS (37 DBM)
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DATE 07/29/77

PAGE 1 4 GHZ ANTENNA LIST

ANT CODE	FCC CODE	MANUFACTURER	MODEL NUMBER	SIZE	POL	GAIN	INT CODE	DISCRIMINATION CURVE REFERENCE		DATE OF REF.	FCC
A400	A40000	ANDREW CORP.	P6-37	6	PP	35.2	068	RPE 401	(MD)	04-07-71	X
A402	A40200	ANDREW CORP.	PL4-37C	4							
A404	A40400	ANDREW CORP.	PL6-37	6	PP	35.2	068	RPE 401	(MD)	04-07-71	X
A408	A40800	ANDREW CORP.	HP8-37	8	PP	37.5		RPE 481	(MD)	07-07-70	X
A412	A41200	ANDREW CORP.	HPX8-37	8	DP	37.5		RPE 483	(MD)	03-29-71	X
A416	A41600	ANDREW CORP.	P8-37(33000)	8	PP	37.5	215	RPE 403	(MD)	04-07-71	X
A420	A42000	ANDREW CORP.	PL8-37(70170)	8	PP	37.5	215	RPE 403	(MD)	04-07-71	X
A424	A42400	ANDREW CORP.	PXL8-37	8	DP	37.4		RPE 409	(MD)	03-05-70	X
A426	A42600	ANDREW CORP.	UHX8-37C R	8	DP	37.4	860	RPE 1487R		04-05-71	
A427	A42700	ANDREW CORP.	UHX8-37C L	8	DP	37.4	760	RPE 1487L		04-05-71	
A428	A42800	ANDREW CORP.	UHX8-37D R	8	DP	37.4	860	RPE 1487		08-30-72	B
A429	A42900	ANDREW CORP.	UHX8-37D L	8	DP	37.4	760	RPE 1488		08-30-72	B
A436	A43600	ANDREW CORP.	P8-37(MOD)34857	8	PP	37.4		RPE 1005	(MD)	05-27-70	X
A440	A44000	ANDREW CORP.	UHX8-37(39111)	8	DP	37.4		RPE 1931	(MD)	03-01-72	B
A448	A44800	ANDREW CORP.	HP10-37(31601)	10	PP	39.5	102	RPE 469	(MD)	04-19-71	B
A452	A45200	ANDREW CORP.	HP10-37D	10	PP	39.3		RPE 2469	(MD)	11-17-71	B
A456	A45600	ANDREW CORP.	HP10-37E	10	PP	39.3		RPE 2469		11-17-71	B
A460	A46000	ANDREW CORP.	HPX10-37	10	DP	39.5	002	RPE 473	(MD)	04-09-71	X
A464	A46400	ANDREW CORP.	HPX10-37D	10	DP	39.3		RPE 2473		11-17-71	B
A468	A46800	ANDREW CORP.	PL10-37	10	PP	39.5	034	RPE 405	(MD)	04-05-71	B
A472	A47200	ANDREW CORP.	PL10-37D	10	PP	39.3		RPE 2405		08-25-72	B
A476	A47600	ANDREW CORP.	PXL10-37	10	DP	39.4		RPE 411	(MD)	04-05-71	X
A480	A48000	ANDREW CORP.	PXL10-37D	10	DP	39.3		RPE 2411		06-08-72	B
A482	A48200	ANDREW CORP.	UHP10-37C R	10	PP	39.4		RPE 1475		01-04-73	A
A483	A48300	ANDREW CORP.	UHP10-37C L	10	PP	39.4		RPE 1476		01-04-73	A
A486	A48600	ANDREW CORP.	UHX10-37C R	10	DP	39.4	861	RPE 1489		01-04-73	A
A487	A48700	ANDREW CORP.	UHX10-37C L	10	DP	39.4	761	RPE 1490		01-04-73	A
A500	A50000	ANDREW CORP.	HP12-37	12	PP	41.0	103	RPE 471	(MD)	04-09-71	B
A512	A51200	ANDREW CORP.	HPX12-37	12	DP	41.0		RPE 475	(MD)	04-09-71	B
A516	A51600	ANDREW CORP.	PL12-37	12	PP	41.0		RPE 407	(MD)	04-07-71	B
A524	A52400	ANDREW CORP.	PL12-37E	12	PP	41.0		RPE 2407		05-28-74	B
A525	A52500	ANDREW CORP.	PL12-37F	12	PP	41.0		RPE 2407		05-28-74	B
A528	A52800	ANDREW CORP.	PXL12-37	12	DP	40.9		RPE 413	(MD)	04-07-71	B
A536	A53600	ANDREW CORP.	PXL12-37D	12	DP	41.0		RPE 2413		06-08-72	B
A538	A53800	ANDREW CORP.	PXL12-37E	12	DP	41.0		RPE 2413		05-28-74	B
A540	A54000	ANDREW CORP.	UHP12-37C R	12	PP	41.0		RPE 1477		05-28-74	A
A541	A54100	ANDREW CORP.	UHP12-37C L	12	PP	41.0		RPE 1478		05-28-74	A
A542	A54200	ANDREW CORP.	UHP12-37D R	12	PP	41.0		RPE 1477		05-28-74	A
A543	A54300	ANDREW CORP.	UHP12-37D L	12	PP	41.0		RPE 1478		05-28-74	A
A544	A54400	ANDREW CORP.	UHX12-37C R	12	DP	41.0	862	RPE 1491		05-28-74	A
A545	A54500	ANDREW CORP.	UHX12-37C L	12	DP	41.0	862	RPE 1491		05-28-74	A
A546	A54600	ANDREW CORP.	UHX12-37D R	12	DP	41.0	862	RPE 1491		05-28-74	A
A547	A54700	ANDREW CORP.	UHX12-37D L	12	DP	41.0	762	RPE 1492		05-28-74	A
A548	A54800	ANDREW CORP.	UHP15-37C R	15	PP	42.7		RPE 1479		05-28-74	A
A549	A54900	ANDREW CORP.	UHP15-37D R	15	PP	42.7		RPE 1479		05-28-74	A
A552	A55200	ANDREW CORP.	KHP15-37	15	PP	42.8		RPE 477	(MD)	03-29-71	B
A556	A55600	ANDREW CORP.	UHP15-37C L	15	PP	42.7		RPE 1480		05-28-74	A
A557	A55700	ANDREW CORP.	UHP15-37D L	15	PP	42.7		RPE 1480		05-28-74	A
A560	A56000	ANDREW CORP.	KHX15-37	15	DP	42.8		RPE 479	(MD)	03-29-71	B
A564	A56400	ANDREW CORP.	PL15-37C	15	PP	42.7		RPE 2408		05-28-74	B

07/29/77

PAGE 1 4 GHZ EQUIPMENT LIST

EQUIP CODE	FCC CODE	MANUFACTURER	TYPE NUMBER	LOWER FREQ LIMIT	UPPER FREQ LIMIT	PWR OUT WATTS	% FREQ TOL.	EMISS. DESIG.	ASSOC EQUIP CODE
0904	2PYA01	WESTERN ELECTRIC	TD-A1 AMP	3700	4200	5.0	.	20000F9	9370
--	2PYY01	WESTERN ELECTRIC	TD-2	3700	4200	5.2	.005	20000F9	9502
0906	2M5M01	CALIFORNIA MW	CM41A-MWG	3780	4128	.	.	00000A0	9370
--	2PYY01	WESTERN ELECTRIC	TD-2	3700	4200	5.2	.005	20000F9	1079
0908	2M5R01	CALIFORNIA MW	CM41B-MWG	3780	4128	.	.	00000A0	9370
--	2PYY01	WESTERN ELECTRIC	TD-2	3700	4200	5.2	.005	20000F9	1081
0916	2M5401	CALIFORNIA MW	CM41D-MWG	3780	4128	.	.	00000A0	9414
--	2PYF01	WESTERN ELECTRIC	TD-3	3700	4200	10.0	.01	20000F9	1087
0918	2M5401	CALIFORNIA MW	CM41D-MWG	3780	4128	.	.	00000A0	9436
--	2PYQ01	WESTERN ELECTRIC	TD-3A	3700	4200	10.0	.01	13800F5	1087
0920	2M5401	CALIFORNIA MW	CM41D-MWG	3780	4128	.	.	00000A0	9480
--	2PYQ02	WESTERN ELECTRIC	TD-3A	3700	4200	10.0	.01	20000F9	1087
0922	2M5401	CALIFORNIA MW	CM41D-MWG	3780	4128	.	.	00000A0	9485
--	2PY201	WESTERN ELECTRIC	TD-3D	3700	4200	5.2	.005	20000F9	1087
0930	2M5R01	CALIFORNIA MW	CM41B-MWG	3780	4128	.	.	00000A0	9371
--	2PY701	WESTERN ELECTRIC	TD-2-5W	3700	4200	5.2	.005	20000F9	1081
0999		ALL MANUFACTURERS	PASS. REPEATER	3700	4200	.	.		
1079	2M5M01	CALIFORNIA MW	CM41A-EXCTR	3780	4128	.	.	00000A0	
1081	2M5R01	CALIFORNIA MW	CM41B-EXCTR	3780	4128	.	.	00000A0	
1083	2M5V01	CALIFORNIA MW	CM41BE-EXCTR	3780	4128	.	.	00000A0	
1085	2M5Z01	CALIFORNIA MW	CM41B-M1 EXCTR	3780	4128	.	.	02260F9	
1086	2PEF01	CALIFORNIA MW	CM41B-M2 EXCTR	3780	4128	.	.	02030F9	
1087	2M5401	CALIFORNIA MW	CM41D-EXCTR	3780	4128	.	.	00000A0	
1088	2URI01	CALIFORNIA MW	CM41D-M2 EXCTR	3780	4128	.	.	02030F9	
1089	2P5701	CALIFORNIA MW	CM41D-M1 EXCTR	3780	4128	.	.	02260F9	
1219	2R4301	COLLINS RADIO CO.	50U16B-MW AMP	3700	4200	20.0	.	20000F9	
1220	2R4Y01	COLLINS RADIO CO.	50U16-MW AMP	3700	4200	20.0	.	30000F9	
1714	2RUU01	COLLINS RADIO CO.	MS-108D	3700	4200	2.0	.005	20000F9	
1736	2RUI01	COLLINS RADIO CO.	MS-108D-1	3700	4200	2.0	.005	02600F9	
1758	2RUG01	COLLINS RADIO CO.	MS-109E	3700	4200	20.0	.005	20000F9	
1759	2RUB01	COLLINS RADIO CO.	MS-109E-1-R	3700	4200	20.0	.0005	20000F9	
1761	2RUK01	COLLINS RADIO CO.	MS-109E-1-T	3700	4200	20.0	.0005	20000F9	
1764	2RU301	COLLINS RADIO CO.	MS-109E-R	3700	4200	20.0	.0015	20000F9	
1770	2RUF01	COLLINS RADIO CO.	MS-109E-T	3700	4200	20.0	.0015	20000F9	
2090	2RUY01	COLLINS RADIO CO.	MS-109E-S-R	3700	4200	20.0	.0015	20000F9	
2092	2RU701	COLLINS RADIO CO.	MS-109E-S-T	3700	4200	20.0	.0015	20000F9	
2433	2V4401	FARINON ELECTRIC	FM4000KA-01	3700	4200	1.0	.0003	01520F9	
2434	2V4C01	FARINON ELECTRIC	FM4000KB-01	3700	4200	1.0	.0003	1800F9	
2435	2V4201	FARINON ELECTRIC	FM4000-01	3700	4200	5.0	.0002	20000F9	
2436	2V4801	FARINON ELECTRIC	FM4000KA-02	3700	4200	1.5	.0003	01520F9	
2437		FARINON ELECTRIC	FM4000KB-02	3700	4200	1.0	.0003	1800F9	
2438	2V4J01	FARINON ELECTRIC	FM4000KB-02	3700	4200	1.5	.0003	1800F9	
2442	2V8K01	FARINON ELECTRIC	PMR4-01	3700	4200	2.00	.005	16400F5	
2443	2V8K02	FARINON ELECTRIC	PMR4-01	3700	4200	2.00	.005	17700F2	
2444	2V8K03	FARINON ELECTRIC	PMR4-01	3700	4200	2.00	.005	20000F9	
2445	2V8B01	FARINON ELECTRIC	PHMP4-01	3700	4200	2.0	.005	20000F9	
2880	2VJT01	FARINON MICROWAVE	SS4000A	3700	4200	1.5	.0001	01520F9	
2902	2VJX01	FARINON MICROWAVE	SS4000B	3700	4200	1.5	.0001	1800F9	
2924	2VJ601	FARINON MICROWAVE	SS4000W-01	3700	4200	5.0	.01	8500F9	
2946	2VJE01	FARINON MICROWAVE	SS4000Y-01	3700	4200	5.0	.01	13400F9	

DATE 29JUL77

COMPANIES OPERATING IN THE 2, 4, 6 AND 11 GHZ
COMMON CARRIER BANDS

CODE	COMPANY NAME AND ADDRESS	COORDINATOR'S NAME,ADDRESS AND TELEPHONE NUMBER
100	AIR SIGNAL INTERNATIONAL, INC. 201 EAST OGDEN AVE. HINSDALE ILLINOIS 60521	
110	ANSWERPHONE, INC 350 WEST 24TH STREET YUMA, ARIZONA 85364	FREQ. COORDINATOR ANSWERPHONE, INC 350 WEST 24TH STREET YUMA, ARIZONA 85364 602-782-4721
115	ANSWERRITE PROFESSIONAL TELEPHONE SERVICE	
* 120	ARMOUR RADIO COMMUNICATION 1641 NORTH PINAL AVENUE - DRAWER QQ CASA GRANDE, ARIZONA 85222	
167	BOISE TEL ANSWER RADIO SVC. 1310 WEST ST. BOISE, IDAHO 83702	FREQ. COORDINATOR BOISE TEL ANSWER RADIO SVC. 1310 WEST STATE ST. BOISE, IDAHO 83702 208-343-5441
193F	EQ. COORDINATOR COMPUCON, INC. 749 NEUTRON ROAD DALLAS, TEXAS 75240	
252	CROCHETT CABLE T.V. CO.	FREQ. COORDINATOR COMPUCON, INC. 13749 NEUTRON ROAD DALLAS, TEXAS 75240 214-233-4380
277	EMPIRE DISPATCH, INC. P. O. BOX 910 GREELEY, COLORADO	
302	GABRIEL COMMUNICATIONS P.O.BOX 8007 FT. LAUDERDALE, FLORIDA 33310	FREQ. COORDINATOR COMPUCON, INC. 13749 NEUTRON ROAD DALLAS, TEXAS 75240 214-233-4380
310	GENERAL COMMUNICATION SERVICE 365 NORTH 6TH AVENUE PHOENIX, ARIZONA 85003	

(*) A LETTER OF COORDINATION AUTHORIZATION IS ON FILE AT HEADQUARTERS.