PSCM APP. B, NTS MPG - TABLE OF CONTENTS, SECTION LISTING

Table of contents (Double click RTF, click PDF page number to section; Ctrl-Home TOC.):

TABLE OF CONTENTS SECTION LISTING, MPGS1
FOREWORD, ACKNOWLEDGMENTS, MPGF1
CHAPTER 1 - THE ARRL MESSAGE FORMAT, MPG11
CHAPTER 2 - SENDING MESSAGES ON VOICE, MPG2
CHAPTER 3 - SENDING MESSAGES ON CW, MPG34
CHAPTER 4 - NET OPERATIONS, MPG4
CHAPTER 5 - NET CONTROL, MPG59
CHAPTER 6 - NTSD - NTS DIGITAL, MPG6
CHAPTER 7 - STATION REPORTING - SAR - PSHR, MPG710
CHAPTER 8 - DELIVERING, SERVICING, ORIGINATING, MPG811
CHAPTER 9 - TACTICAL NETS, PUBLIC SERVICE EVENTS, MPG912
NTS AREA/REGION NET DIRECTORY LISTING, MPGN
NTS ROUTING, CALL/STATE/REGION/AREA/SECTION/DIVISION, MPGR12

TABLE OF CONTENTS SECTION LISTING, MPGS

FOREWORD, ACKNOWLEDGMENTS, MPGF

CHAPTER 1 - THE ARRL MESSAGE FORMAT, MPG1

1.0 THE ARRL MESSAGE FORMAT 1.0.1 EXAMPLE BLANK FORM **1.0.2 EXAMPLE MESSAGE 1.1 PREAMBLE PART** 1.1.1 MESSAGE NUMBER, # 1.1.2 MESSAGE PRECEDENCE, PREC. 1.1.3 HANDLING INSTRUCTIONS, [HX], OPTIONAL **1.1.4 STATION OF ORIGIN** 1.1.5 CHECK, CK 1.1.6 PLACE OF ORIGIN 1.1.7 TIME FILED, [TIME], OPTIONAL 1.1.8 MONTH FILED, MON 1.1.9 DAY FILED, DY 1.1.10 REVIEW OF THE PREAMBLE **1.2 ADDRESS PART** 1.2.1 ADDRESSEE **1.2.2 STREET ADDRESS** 1.2.3 CITY, STATE, ZIP **1.2.4 TELEPHONE NUMBER 1.2.5 ADDRESS OP NOTE 1.2.6 PUNCTUATION 1.2.7 MESSAGES FOR OTHER SERVICES**

1.2.8 INTERNATIONAL TRAFFIC 1.2.9 RE-CONTACTING ORIGINATING PARTY 1.3 TEXT PART 1.3.1 PUNCTUATION 1.3.2 EMAIL, PACKET OR INTERNET ADDRESSES 1.3.3 ARRL NUMBERED RADIOGRAMS 1.3.4 COUNTING WORD GROUPS FOR THE CHECK **1.3.5 EXERCISE MESSAGE TEXTS 1.4 SIGNATURE PART 1.4.1 SIGNATURE 1.4.2 SIGNATURE OP NOTE** 1.5 RECORDS, BLOCK 5, STATION RCVD INFORMATION 1.6 RECORDS, BLOCK 6, STATION SENT INFORMATION 1.7 RECORDS, BLOCK 7, STATION ORIG INFORMATION 1.8 RECORDS, BLOCK 8, STATION DLVD INFORMATION **1.9 BLOCK 9 STATION IDENTIFICATION FOR MAILING** 1.10 ORIGINATING A MESSAGE 1.10.1 MESSAGE LEGALITY 1.10.2 MESSAGES ORIGINATED WITH PERMISSION 1.10.3 FOREIGN THIRD PARTY TRAFFIC 1.10.4 OUTLETS FOR YOUR MESSAGES **1.11 ORIGINATING SERVICE MESSAGES** 1.11.1 ARL SIXTY SEVEN, UNDELIVERABLE MESSAGE SERVICE 1.12 ARRL NUMBERED RADIOGRAMS

CHAPTER 2 - SENDING MESSAGES ON VOICE, MPG2

2.0 CHAPTER 2, SENDING MESSAGES ON VOICE, INTRODUCTION 2.1 TOOLS 2.1.1 PHONETIC ALPHABET **2.1.2 PAUSES** 2.1.3 PAUSING FOR INTERRUPTIONS 2.1.4 PROWORDS, OPERATIONAL WORDS 2.1.4.1 NUMBER (BEFORE MESSAGE NUMBER OR SVC) 2.1.4.2 END (END OF MESSAGE) 2.1.4.3 BOOK OF (#) 2.1.4.4 END BOOK 2.1.4.5 BREAK 2.1.4.6 I SPELL 2.1.4.7 I SAY AGAIN, (USE #1) TO REPEAT FOR CLARITY 2.1.4.8 I SAY AGAIN, (USE #2) TO CORRECT AN ERROR 2.1.4.9 NO MORE, ONE MORE (1), MORE (2 OR MORE) 2.1.4.10 OVER 2.1.4.11 ROGER 2.1.4.12 MISC., AFFIRMATIVE, NEGATIVE, ROGER, Q SIGNALS, ETC. 2.1.5 INTRODUCTORY WORDS FOR GROUPS 2.1.5.1 FIGURE(S) **2.1.5.2 TELEPHONE FIGURES**

2.1.5.3 INITIAL

2.1.5.4 INITIALS (LETTER GROUP) 2.1.5.5 MIXED GROUP 2.1.5.6 MIXED GROUP FIGURE(S) 2.1.5.7 AMATEUR CALL 2.1.5.8 ARL, CHECK AND TEXT, IF NUMBERED RADIOGRAMS 2.1.5.9 EMAIL, PACKET, AND INTERNET ADDRESSES 2.2 RULES FOR VOICING MESSAGES 2.2.1 SPELLING. PHONETIC OR LETTER 2.2.1.1 MANDATORY USE OF PHONETICS AND SPELLING 2.2.1.2 PHONETIC OR LETTER-SPELLING CHOICES 2.2.2 NO EXTRANEOUS WORDS 2.2.3 SENDING SPEED 2.2.4 RULES FOR VOICING THE PARTS OF THE MESSAGE 2.2.4.1 PREAMBLE VOICING RULES 2.2.4.2 ADDRESS AND OP NOTE VOICING RULES 2.2.4.3 TEXT AND OP NOTE VOICING RULES 2.2.4.4 INTRODUCTION OF MULTIPLE TEXT GROUPS 2.2.4.5 SIGNATURE AND OP NOTE VOICING RULES 2.2.4.6 EMAIL, PACKET, AND INTERNET ADDRESS VOICING 2.2.4.7 ENDING THE MESSAGE 2.2.4.8 MISC. INTRODUCED GROUP VOICING EXAMPLES 2.2.4.9 SUMMARY 2.3 THE MESSAGE EXCHANGE 2.3.1 TRANSMITTING NOTES 2.3.1.1 SENDING SPEED **2.3.1.2 PAUSING FOR INTERRUPTIONS 2.3.2 RECEIVING NOTES** 2.3.2.1 TRANSCRIBE THE MESSAGE EXACTLY 2.3.2.2 TRANSCRIBE THE MESSAGE WITHOUT MODIFICATION 2.3.2.3 BE SURE OF EVERY GROUP RECEIVED 2.3.2.4 ASK FOR FILLS OR CONFIRMATION 2.3.2.5 ACCEPT ONLY MESSAGES YOU CAN RELAY OR DELIVER 2.3.2.6 TAKE RESPONSIBILITY FOR MESSAGES ACCEPTED 2.3.2.7 EMERGENCY MESSAGES 2.3.2.8 HONOR ALL HANDLING INSTRUCTIONS 2.3.2.9 DO NOT ORIGINATE MESSAGES WITHOUT PERMISSION 2.3.2.10 MAKE NO COMMENTS REGARDING MESSAGE CONTENT 2.3.2.11 ACCEPT ONLY MESSAGES WHICH MEET FCC RULES 2.3.3 VOICING THE EXCHANGE 2.3.3.1 READY TO COPY, ON/OFF NET, REPEAT/SPELL, LISTENING 2.3.3.2 VOICING EXAMPLE 1, SINGLE MESSAGE 2.3.3.3 VOICING EXAMPLE 2, HXC, FILING TIME, OP NOTES 2.3.3.4 ACKNOWLEDGING THE MESSAGE 2.3.3.5 MAKING NOTE OF WORDS IN DOUBT 2.3.3.6 INTERRUPTING FOR FILLS BETWEEN GROUPS 2.3.3.7 JUMPING AHEAD

2.3.3.8 FILL REQUESTS AND RESPONSES

2.3.3.9 REQUESTING FILLS, EXAMPLES 2.3.3.10 VERIFYING THE CHECK 2.3.3.11 REPEATING THE TEXT GROUP'S FIRST INITIALS 2.3.3.12 VERIFYING ALTERNATIVES 2.3.3.13 AMENDING THE CHECK 2.3.3.14 ACKNOWLEDGING THE MESSAGE AT LAST 2.3.4 BOOKING MESSAGES, TIME SAVING OPTION, SPECIAL EVENTS 2.3.4.1 BOOKING IS OPTIONAL 2.3.4.2 SENDING THE BASIC BOOK 2.3.4.3 NOTES ON BOOKING STRUCTURE 2.3.4.4 BOOKS TO A SINGLE STATION 2.3.4.5 EXAMPLE 1, FIXED PBL AND TXT, TO ONE STATION 2.3.4.6 EXAMPLE 2, FIXED PBL AND ADDEE, TO 1 STATION 2.3.4.7 EXAMPLE 3, FIXED PBL, TXT AND SIG, TO 1 STATION 2.3.4.8 EXAMPLE 4, FIXED PBL AND TXT EXCEPT FOR ARL BLANK 2.3.4.9 EXAMPLE 5: FIXED PBL AND TXT EXCEPT MISC. BLANK 2.3.4.10 ASKING FOR FILLS IN BOOKS 2.3.4.11 BOOKS TO MULTIPLE STATIONS 2.3.4.12 EXAMPLE: BOOK OF 3, TO 3 STATIONS 2.3.4.13 SPECIAL EVENT BOOK SOLICITATIONS 2.4 SENDING MULTIPLE MESSAGES 2.5 STATION OPERATIONS 2.5.1 EXCHANGE ON NET FREQUENCY 2.5.2 MOVING OFF NET FREQUENCY 2.5.2.1 CALLING ORDER, SEARCHING, DIRECTION, TIME 2.5.2.2 REPEAT CALLS 2.5.2.3 TWO STATION EXCHANGE 2.5.2.4 RELAY STATION ASSISTANCE 2.5.2.5 SPECIAL REQUESTS, RX STATION 2.5.2.6 EXPEDITIOUS ASSIGNED EXCHANGES 2.5.2.7 RETURNING TO THE NET 2.5.3 MOVING TO A STACK OF TWO OR MORE STATIONS

CHAPTER 3 - SENDING MESSAGES ON CW, MPG3

3.0 CHAPTER 3, TRANSMITTING MESSAGES ON CW, INTRODUCTION
3.1 TOOLS
3.1.1 SENDING
3.1.2 BREAK-IN, QSK
3.1.3 PROSIGNS, OPERATIONAL SYMBOLS AND ABBREVIATIONS
3.1.3.1 PUNCTUATION
3.1.3.2 Q-SIGNALS
3.1.3.3 ESSENTIAL PROSIGNS AND ABBREVIATIONS
3.1.3.4 FILL REQUESTS
3.1.3.5 EMAIL, PACKET, INTERNET ADDRESSES
3.2 RULES FOR SENDING MESSAGES
3.2.1 TRANSMITTING NOTES, SPEED AND CLARITY
3.2.2 RECEIVING NOTES

3.2.2.1 TRANSCRIBE THE MESSAGE EXACTLY 3.2.2.2 TRANSCRIBE THE MESSAGE WITHOUT MODIFICATION 3.2.2.3 BE SURE OF EVERY GROUP RECEIVED **3.2.2.4 ASK FOR FILLS OR CONFIRMATION** 3.2.2.5 ACCEPT ONLY MESSAGES THAT YOU CAN RELAY OR DELIVER 3.2.2.6 TAKE RESPONSIBILITY FOR MESSAGES ACCEPTED **3.2.2.7 EMERGENCY MESSAGES 3.2.2.8 HONOR ALL HANDLING INSTRUCTIONS** 3.2.2.9 DO NOT GENERATE MESSAGES WITHOUT PERMISSION 3.2.2.10 MAKE NO COMMENTS REGARDING CONTENT 3.2.2.11 ACCEPT ONLY MESSAGES WHICH MEET FCC RULES 3.3 THE MESSAGE EXCHANGE 3.3.1 READY TO COPY, ORV 3.3.1.1 ORV, NEW FREQUENCY, OFF NET 3.3.1.2 QRV, ON A NET, RX CALLED TO RECEIVE MESSAGE(S) 3.3.1.3 QSZ (RX), REQUESTING 3.3.1.4 QSK, QUANTITY (TX), ANNOUNCING 3.3.2 SENDING EXAMPLES 3.3.2.1 EXAMPLE 1, BASIC MESSAGE 3.3.2.2 EXAMPLE 2, SVC, HX CODE, FILING TIME, OP NOTES 3.3.2.3 KEY POINTS 3.3.2.4 REPEATS, FOR CLARITY ("?", I SAY AGAIN) 3.3.2.5 REPEATS, FOR CORRECTION ("?", I SAY AGAIN) 3.3.2.6 NO EXTRANEOUS WORDS 3.3.2.7 MAKING NOTE OF WORDS IN DOUBT 3.3.3 JUMPING AHEAD 3.3.4 INTERRUPTIONS, WITH QSK 3.3.4.1 EXAMPLES, OSK 3.3.4.2 OSK TIPS 3.3.5 INTERRUPTIONS, WITH VOX OR PTT CW 3.3.5.1 EXAMPLES, NON-QSK 3.3.6 FILL REQUESTS, PRIMARY AND ALTERNATIVES 3.3.6.1 EXAMPLE OF FILL REQUESTS AND RESPONSES 3.3.7 VERIFYING THE CHECK 3.3.7.1 FIRST INITIALS, OTB 3.3.7.2 QSM, QSZ, ALTERNATIVES 3.3.7.3 AMENDING THE CHECK 3.3.7.4 ACKNOWLEDGING RECEIPT 3.3.8 BOOKING MESSAGES, TIME SAVING OPTION, SPECIAL EVENTS 3.3.8.1 BOOKING IS OPTIONAL 3.3.8.2 SENDING THE BASIC BOOK **3.3.8.3 NOTES ON BOOK STRUCTURE** 3.3.8.4 BOOKS TO A SINGLE STATION 3.3.8.5 EXAMPLE 1, FIXED PBL AND TXT, TO ONE STATION 3.3.8.6 EXAMPLE 2, FIXED PBL AND ADDEE, TO 1 STATION 3.3.8.7 EXAMPLE 3, FIXED PBL, TXT AND SIG, TO 1 STATION 3.3.8.8 EXAMPLE 4, FIXED PBL AND TXT EXCEPT FOR ARL BLANK 3.3.8.9 EXAMPLE 5: FIXED PBL AND TXT EXCEPT MISC. BLANK

3.3.8.10 ASKING FOR FILLS IN BOOKS **3.3.8.11 BOOKS TO MULTIPLE STATIONS** 3.3.8.12 EXAMPLE: BOOK OF 3, TO THREE STATIONS 3.3.8.13 SPECIAL EVENT BOOK SOLICITATIONS **3.4 SENDING MULTIPLE MESSAGES** 3.4.1 EXAMPLE: TWO SINGLES AND BOOK OF 2, TOTAL 4 MESSAGES **3.5 STATION OPERATIONS** 3.5.1 EXCHANGE ON NET FREQUENCY 3.5.2 MOVING OFF NET FREQUENCY 3.5.2.1 CALLING ORDER, SEARCHING, DIRECTION, TIME 3.5.2.2 REPEAT CALLS 3.5.2.3 TWO STATION EXCHANGE **3.5.2.4 RELAY STATION ASSISTANCE** 3.5.2.5 SPECIAL REQUESTS, RX STATION **3.5.2.6 EXPEDITIOUS ASSIGNED EXCHANGES 3.5.2.7 RETURNING TO THE NET** 3.5.3 MOVING TO A STACK OF TWO OR MORE STATIONS 3.6 PROWORD, PROSIGN AND ABBREVIATION LIST 3.7 NET AND INTERNATIONAL Q SIGNALS

CHAPTER 4 - NET OPERATIONS, MPG4

4.0 NET OPERATIONS, NET CONTROLS AND STATIONS **4.1 TYPES OF NETS** 4.1.1 NTS, DAILY TRAFFIC NETS 4.1.2 WELFARE, INCOMING/OUTGOING PUBLIC TRAFFIC 4.1.3 EMERGENCY NETS, ARES/RACES **4.1.4 SPECIAL NETS 4.2 TRAFFIC NETS 4.2.1 PURPOSE OF A NET** 4.2.2 NET MANAGER (ARRL APPOINTMENT) 4.2.3 NET CONTROL STATION (NCS) 4.2.4 ALTERNATE NET CONTROL STATION (ANC) 4.2.5 LIAISON STATIONS, DUTIES 4.2.6 LEARNING THE OTHER JOBS ON THE NET 4.2.7 NET FORMAT **4.2.8 TRAFFIC HANDLERS 4.3 NET CONTROL STATION TASKS** 4.4 KEY TO THE MANUAL SYNTAX 4.5 NOTES AND DEFINITIONS. SYNTAX AND CONVENTIONS 4.5.1 FLOW **4.5.2 AUXILIARY STATIONS 4.5.3 MISSING LIAISONS 4.5.4 SERVICING VISITORS 4.5.5 TRANSACTIONS** 4.5.6 TAIL ENDING **4.5.7 PAUSE TAIL ENDING 4.5.8 SPECIFIC SINGLE RESPONDER CALLS**

4.5.9 OPEN AND SPECIFIC CALLS, MULTIPLE RESPONDERS EXPECTED 4.5.10 STATIONS REPLY ONLY IN THE CATEGORY CALLED **4.5.11 RETURNING STATIONS** 4.5.12 ONU, NET HAS TRAFFIC FOR YOU, STAND BY **4.5.13 CHECKING IN STATIONS** 4.5.14 OPERATIONAL WORDS, "Q" SIGNAL USE, ETC. 4.5.15 STATION IDENTIFICATION ON DIRECTED NETS 4.6 LISTING TRAFFIC, STATIONS CHECKING INTO NET **4.6.1 ASSIGNMENTS 4.6.2 TRAFFIC STATUS 4.6.3 LISTING FORMAL RADIOGRAMS** 4.6.4 LISTING FORMAL MESSAGES FOR ALL STATIONS (ONC) 4.6.5 LISTING INFORMAL WORDS FOR THE NET (ANNOUNCEMENTS) 4.6.6 LISTING WORDS WITH STATIONS 4.6.7 ADDING REQUESTS, COMMENTS 4.6.8 EXAMPLES OF TRAFFIC LISTS AND REQUESTS 4.7 OPENING THE NET, NET PREAMBLE 4.8 NET CALLS, CHECKING STATIONS INTO THE NET 4.8.1 SPECIFIC CALLS, JOB, LIAISON, CALL SIGN, 1 RESPONDER 4.8.2 OPEN NET CALLS, QNI (ANY STATION) 4.8.3 SPECIFIC NET CALL, LIMITED CATEGORIES BY TYPE 4.8.4 CALL VOLUNTEERS FOR JOBS, LIAISONS, OR AUXILIARY HELP 4.8.5 CALL LIAISONS, ONE NET, MULTIPLE STATIONS EXPECTED 4.8.6 CALL FOR SPECIFIC INFORMATION OR ASSISTANCE 4.8.7 CALL TO VERIFY COPY 4.8.8 CALL FOR RELAYS 4.8.9 CALL TO RELAY NET CALLS, SPECIFIC STATION 4.8.10 CHECK IN LATE ARRIVALS, LIAISONS OR STATIONS 4.8.11 CALL NET UNASSIGNED TRAFFIC LIST **4.9 ASSIGNING TRAFFIC** 4.9.1 ASSIGN, DEFAULT TO LIAISONS 4.9.2 ASSIGN, CALL NET UNASSIGNED TRAFFIC LIST 4.9.3 ASSIGN, UNASSIGNED TRAFFIC, SPECIFIC STATION REQUEST 4.9.4 ASSIGN, SPECIAL OUTLETS 4.9.5 ASSIGN, STORE AND FORWARD 4.9.6 ASSIGN, BOOKS 4.10 DISPATCHING TRAFFIC, OVERVIEW 4.10.1 FULL CALL SIGNS 4.10.2 SUFFIXES, CONFLICTS 4.10.3 SYNTAX: ORDER. ALTERNATIVES. APPENDING 4.10.4 OVER, K 4.10.5 PRECEDENCES 4.10.6 FLOW 4.10.7 QUANTITIES 4.10.8 NET OR STACKS 4.10.9 DISPATCHED TRAFFIC ONLY 4.10.10 BOOKS 4.10.11 FORMAL AND INFORMAL TRAFFIC, ALL STATIONS

4.10.12 WORDS

4.10.13 VERIFY COPY CHECKS, PRIOR TO DISPATCHING

4.10.14 IMMEDIATE DISPATCH, ALTERNATIVE TO ACKNOWLEDGMENT

4.10.15 AWAKE?

4.10.16 THE SPLIT DISPATCH

4.10.17 RELAYS

4.10.18 SWAPPING TRAFFIC

4.10.19 MULTIPLE DESTINATIONS

4.10.20 MISSED DISPATCH COMPONENTS

4.10.21 RETURNING STATIONS

4.10.22 NET TRAFFIC COUNT

4.10.23 STATIONS LISTEN CLOSELY

4.10.24 NCS IN CONTROL

4.11 DISPATCHING TRAFFIC ON NET FREQUENCY, OVERVIEW

4.11.1 DISPATCH, 2 STATIONS, ON NET

4.11.2 DISPATCH, 2 STATIONS, ESTABLISH CONTACT, ON NET, QNV

4.11.3 DISPATCH, 3 STATIONS, RELAY ON NET, QNB

4.11.4 DISPATCH, BOOKS TO MULTIPLE STATIONS ON NET

4.11.5 DISPATCH, MESSAGE(S) TO ALL STATIONS, ON NET, QNC

4.11.6 DISPATCH, INFORMAL ANNOUNCEMENTS, ETC.

4.12 DISPATCHING TRAFFIC OFF NET, STACKS, OVERVIEW

4.12.1 DISPATCH, 2 STNS TO STACK, FULL, IMMEDIATE, SPLIT

4.12.1.1 IMMEDIATE DISPATCH, SKIPPED ACKNOWLEDGMENT, EXAMP.

4.12.1.2 SPLIT DISPATCH, EXAMP.

4.12.2 DISPATCH, 2 STATIONS TO STACK, OTHER BANDS/MODES

4.12.3 DISPATCH, 2 STATIONS, ESTABLISH CONTACT, MOVE, QNV

4.12.4 DISPATCH, 3 STATIONS, RELAYS, OFF NET, QNB

4.12.5 DISPATCH, 1 STATION, OFF NET, ADDED TO STACK, QNQ

4.12.6 DISPATCH, BOOKS TO MULTIPLE STATIONS, OFF NET

4.12.7 DISPATCH, MESSAGE TO MULTIPLE STATIONS, OFF NET, QNC

4.12.8 DISPATCH, EXCUSING IN ADVANCE

4.13 EXCHANGING TRAFFIC

4.13.1 EXCHANGING TRAFFIC, ON NET

4.13.2 EXCHANGING TRAFFIC, ON NET, WITH RELAY

4.13.3 EXCHANGING TRAFFIC, OFF FREQUENCY, STACKS

4.13.4 EXCHANGING TRAFFIC, OFF FREQUENCY, WITH RELAY

4.14 RETURNING TO THE NET

4.14.1 RETURNING, COMPLETED EXCHANGE

4.14.2 RETURNING, UNABLE TO CONTACT OR COMPLETE EXCHANGE

4.14.3 RETURNING, REVISED QUANTITY HANDLED, ADD/CANCEL

4.14.4 NCS CALL FOR A SPECIFIC RETURNING STATION

4.15 ADDITIONAL BUSINESS, INFORMATION, OR REQUESTS

4.15.1 STATION REQUESTS TO LIST BUSINESS

4.15.2 ADDING OR CANCELING TRAFFIC

4.15.3 NCS ADDRESSING A STATION ON THE NET, REPLIES

4.15.4 NET UNASSIGNED TRAFFIC

4.15.5 EMERGENCIES

4.15.6 AVOIDING SPONTANEOUS COMMENTS, CRITICISM

4.16 EXCUSING STATIONS
4.16.1 EXCUSING BY REQUEST
4.16.1.1 ROVING LIAISONS
4.16.2 EXCUSING STATIONS INDIVIDUALLY
4.16.3 EXCUSING IN ADVANCE AS PART OF DISPATCH
4.16.4 EXCUSING WITH REQUEST TO CANCEL, NO OUTLET (QTA)
4.16.5 EXCUSING MULTIPLE STATIONS IN A GROUP
4.16.6 EXCUSING BY CLOSING THE NET
4.17 CLOSING THE NET
4.17.1 RELEASING LIAISONS ON TIME
4.17.2 UNFINISHED BUSINESS
4.17.3 CLOSE OF THE NET, CLOSING STATEMENT, NCS

CHAPTER 5 - NET CONTROL, MPG5

5.1 NET CONTROL 5.1.1 NET CONTROL STATION DUTIES 5.1.2 NCS MISSION. TRAFFIC NETS 5.1.3 LEVEL OF TRAINING, NET STATIONS 5.2 ALTERNATE NET CONTROL STATION (ANC) **5.3 NET CONTROL TOPICS** 5.3.1 USE OF FAST VOX, QSK 5.3.2 NEW STATIONS, VISITORS 5.3.3 CLEAR TCC STATIONS AND UNSCHEDULED REPS 5.3.4 FIND VOLUNTEERS FOR MISSING LIAISONS OR OUTLETS 5.3.5 OPPORTUNITIES FOR STATIONS TO CHECK IN **5.3.6 USE CUSTOMARY PRACTICES 5.3.7 AVOID EXTRANEOUS WORDS 5.3.8 MAINTAIN CONTROL OF THE NET** 5.3.9 ASK OUESTIONS IF INFORMATION IS NEEDED 5.3.10 THINK AHEAD, KEEP THE NET TIGHT 5.3.11 DEALING WITH IMPROPER CONDUCT OR TECHNIQUES 5.3.12 TRAFFIC FOR ALL NET STATIONS, ONC 5.3.13 INFORMAL WORDS 5.3.14 CONSIDER STATION LOCATIONS AND SIGNAL CONDITIONS 5.3.15 GET TRAFFIC MOVING PROMPTLY 5.3.16 FINDING OUTLETS, THE TRAFFIC AUCTION 5.3.17 HANDLING PRECEDENCES (FROM CHAPTER 4) 5.3.18 EMERGENCIES 5.3.19 DISASTER AND WELFARE TRAFFIC, MULTIPLE NETS 5.3.20 NET CONTROL SHEETS ARE IMPORTANT 5.3.21 NET REPORTS REOUIRED 5.4 TRAFFIC SEQUENCING, CONTROL STRATEGY 5.5 OPENINGS AND CLOSINGS, TYPICAL NETS, GENERIC 5.6 AREA NETS 5.6.1 AREA TYPICAL FORMATS 5.6.2 AREA CW TRANSCRIPT 5.6.3 AREA CW NET CONTROL SHEETS

5.6.4 AREA NET REPORTS 5.7 REGION NETS 5.7.1 REGION TYPICAL FORMATS 5.7.2 REGION CW NET TRANSCRIPT **5.7.3 REGION NET CONTROL SHEETS** 5.7.4 REGION NET REPORTS 5.8 SECTION AND LOCAL NETS 5.8.1 SECTION TYPICAL FORMATS 5.8.2 SECTION VOICE NET TRANSCRIPTION 5.8.3 SECTION VOICE NCS SHEET (TRAFFIC LIST METHOD.) 5.8.4 SECTION VOICE NCS SHEET (MARKER METHOD.) 5.8.5 SECTION VOICE NET REPORT 5.8.6 SECTION CW NET TRANSCRIPTION 5.8.7 SECTION CW NCS SHEETS (TRAFFIC LIST METHOD.) 5.8.8 SECTION CW NCS SHEETS (MARKER METHOD.) 5.8.9 SECTION CW NET REPORT 5.9 NEW TRAFFIC HANDLERS 5.10 NEW LIAISONS 5.11 NEW NET CONTROLS 5.12 EAN NET CONTROL SHEET EXAMPLE

CHAPTER 6 - NTSD - NTS DIGITAL, MPG6

6.1 NATIONAL TRAFFIC SYSTEM - DIGITAL 6.2 PROTOCOL FOR NTS DIGITAL STATION OPERATIONS 6.2.1 ARRL STANDARD MESSAGE UPLOADING 6.2.2 ONE SINGLE MESSAGE PER UPLOAD 6.2.3 VHF CONNECTIONS 6.2.4 CHECKING FOR NTS TRAFFIC ON VHF PACKET 6.2.5 EXAMPLE, LISTING TRAFFIC VIA VHF PACKET 6.2.6 EXAMPLE, SENDING NTS TRAFFIC ON VHF PACKET 6.2.7 HF DIRECT DOWNLOADING AND UPLOADING COMMANDS 6.2.8 UPLOADING FILES OF MULTIPLE MESSAGES. SMF COMMAND 6.2.8.1 SMF EXAMPLE 6.3 INTERFACING WITH SECTION NTS SSB AND CW NETS 6.4 WHY DIGITAL? N4SS 6.5 EQUIPMENT AND SOFTWARE REFERENCES 6.6 NTSD FREQUENCY LIST (MAY 2002) 6.7 NTS DIGITAL GUIDELINES, NTSDGD4

CHAPTER 7 - STATION REPORTING - SAR - PSHR, MPG7

7.1 MEMBERSHIP IN THE NTS
7.2 STATION ACTIVITY REPORT (SAR), TRAFFIC
7.2.1 CATEGORIES OF ACTIVITY - ORIG, RCVD, SENT, DLVD
7.2.2 EXPLANATIONS AND EXAMPLES
7.2.3 SAR REPORTING TECHNIQUE
7.2.3.1 EXAMPLE SAR MESSAGE

7.2.3.2 EXAMPLE SAR MESSAGE, AUTOMATED TEXT
7.3 PUBLIC SERVICE HONOR ROLL (PSHR)
7.3.1 PSHR CATEGORIES
7.3.2 PSHR REPORTING TECHNIQUE
7.3.2.1 EXAMPLE MESSAGE - SAR AND PSHR COMBINED
7.3.2.2 EXAMPLE MESSAGE - PSHR ONLY
7.3.2.3 EXAMPLE MESSAGE - SAR/PSHR, AUTOMATED TEXT
7.3.3 ARRL PSHR REFERENCE, EFFECTIVE MAY 1, 2002

CHAPTER 8 - DELIVERING, SERVICING, ORIGINATING, MPG8

8.0 CHAPTER 8, DELIVERING, INTERFACING WITH THE PUBLIC 8.1 DELIVERING MESSAGES **8.1.1 FINDING ADDRESSEES** 8.1.2 DELIVERING MESSAGES, STYLE, EXAMPLE 8.1.3 ANSWERING MACHINE DELIVERY **8.1.4 SENDING SERVICE MESSAGES** 8.1.4.1 HXC AND HXD 8.1.4.2 UNABLE TO COMPLY WITH HX CODES 8.1.4.3 DELAYS 8.1.4.4 MAILING 8.1.4.5 GARBLED 8.1.4.6 UNDELIVERABLES 8.1.4.7 EXAMPLE SERVICE MESSAGE 8.1.5 GENERATING A REPLY, HXE, ARL SEVEN, OFFERS 8.1.5.1 HXE APPROVED 8.1.5.2 HXE DENIED, SERVICE MESSAGE 8.1.5.3 ARL SEVEN APPROVED 8.1.5.4 ARL SEVEN REFUSED, OPTIONAL SERVICE 8.1.5.5 OFFER TO REPLY **8.1.6 SOLICITING MESSAGES** 8.1.7 KEEPING RECORDS 8.1.8 PUTTING TRAFFIC INTO THE NTS 8.2 COLLECTING MESSAGES FROM THE PUBLIC 8.2.1 ADDRESS INFORMATION **8.2.2 ORIGINATOR INFORMATION** 8.2.3 HELP WITH TEXT **8.2.4 BUSINESS PROHIBITION 8.2.5 PUBLIC EVENT SOLICITATIONS 8.3 SENDING ORGANIZATIONAL MESSAGES** 8.3.1 LEGALITY, PROPRIETY 8.3.2 MASS MAILINGS AND BOOK MESSAGES 8.4 DISASTER COMMUNICATIONS TRAFFIC 8.4.1 ARES 8.4.2 RACES **8.4.3 WELFARE TRAFFIC** 8.4.4 TACTICAL VS. FORMAL TRAFFIC

CHAPTER 9 - TACTICAL NETS, PUBLIC SERVICE EVENTS, MPG9

9.0 TACTICAL NET OPERATIONS, PUBLIC SERVICE EVENTS 9.1 TACTICAL NET PRACTICES, EVENT EXAMPLE 9.1.1 EXAMPLE EVENT STATION ASSIGNMENTS 9.1.2 DIRECTED NET PROCEDURES 9.1.3 CHECKING IN. WITHOUT TRAFFIC 9.1.4 CHECKING IN WITH TRAFFIC 9.1.5 LISTING ADDITIONAL BUSINESS 9.1.6 EMERGENCY TRAFFIC 9.1.7 TACTICAL DISPATCHING, ON AND OFF NET FREQUENCY 9.1.8 RETURNING TO NET, JOB COMPLETED 9.1.9 REPORTING BACK TO NET, JOB NOT COMPLETED 9.1.10 REPORTING BACK TO NET WITH ADDITIONAL REQUESTS 9.1.11 STATIONS REQUESTING TO BE EXCUSED 9.1.12 NCS EXCUSING STATIONS 9.2 AUTHORITY FOR CLOSING STATIONS 9.3 IDENTIFICATION PROCEDURES 9.4 REPEATER DELAYS 9.5 TRANSMISSION SPEED, VOICING RULES 9.6 WRITTEN TRAFFIC vs. VERBAL TRAFFIC

9.7 PLANNING, PREPARATION, and EXECUTION CHECKLIST

NTS AREA/REGION NET DIRECTORY LISTING, MPGN

NTS ROUTING, CALL/STATE/REGION/AREA/SECTION/DIVISION, MPGR