Civil Air Patrol



Communications Program Update

Malcolm Kyser
7 August 2019

Highlights

- Motorola Transition
- NTC rehab
- ReadyOp
- HF Data

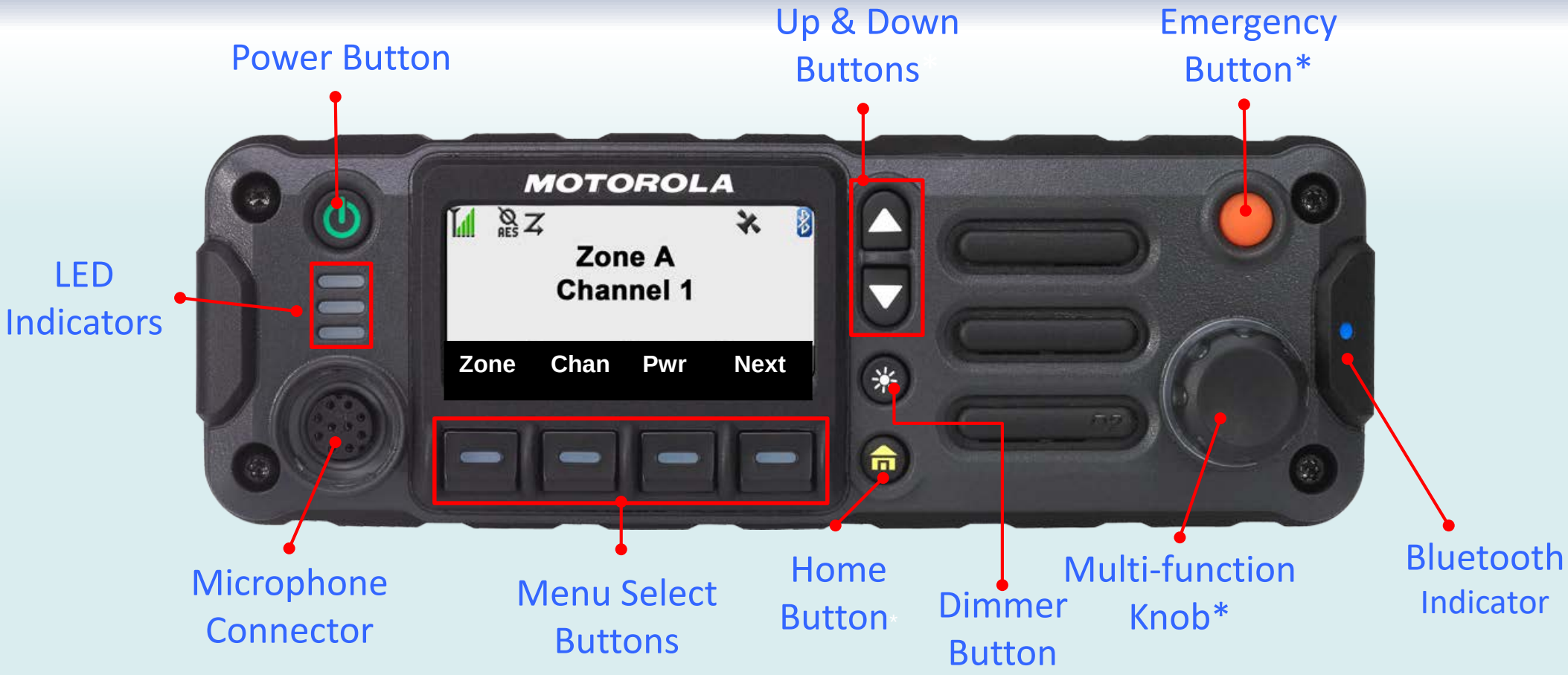
Motorola Transition

- Base Stations began shipping in May





APX4500


Power Button
Up & Down Buttons*
Emergency Button*
LED Indicators
MOTOROLA
Zone A
Channel 1
Zone
Chan
Pwr
Next
Microphone Connector
Menu Select Buttons
Home Button
Dimmer Button
Multi-function Knob*
Bluetooth Indicator

Motorola Transition

- New tags



Motorola Transition

- New tags



Motorola Transition

- Mobiles awaiting GPS antennas
  - About 60 installs on hold



Motorola Transition

- Ruggedized cases selected for ground team APX4000 kit
  - Cases have begun arriving at the NTC
  - Assembly of kits scheduled for this fall/winter



Motorola Transition

- 150 APX Programmers on order
  - Every wing will have a minimum of two. Same distribution scheme as PDRs and RDPs.
  - Will come in a ruggedized case for shipping
  - Will be pre-loaded with Motorola CPS
    - Will cycle back to the NTC at least once per year for updates
  - DSU provided for code plug and file storage
  - Not an IT device





NTC Rehab

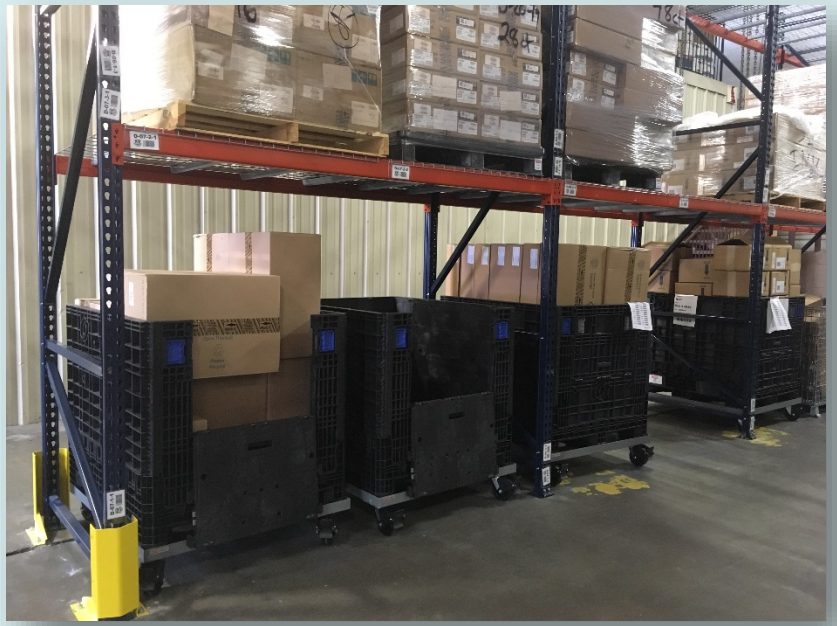
- New rack system
  - Tripled capacity





NTC Rehab

- New lifts/jacks
  - Allows for narrower aisles
- New pallet wrapper
  - One for each warehouse








BIGASS
FANS

ReadyOp

- All CAP repeaters will eventually be on the system
  - Will take several years
- 20 repeaters so far
  - AZ, CA, CO, MD, NatCAP, NV, TN, VA
- CAP/DO priority list
  - National Capital Region
  - FEMA Region HQs
  - Hurricane prone areas





ReadyOp



HF Data

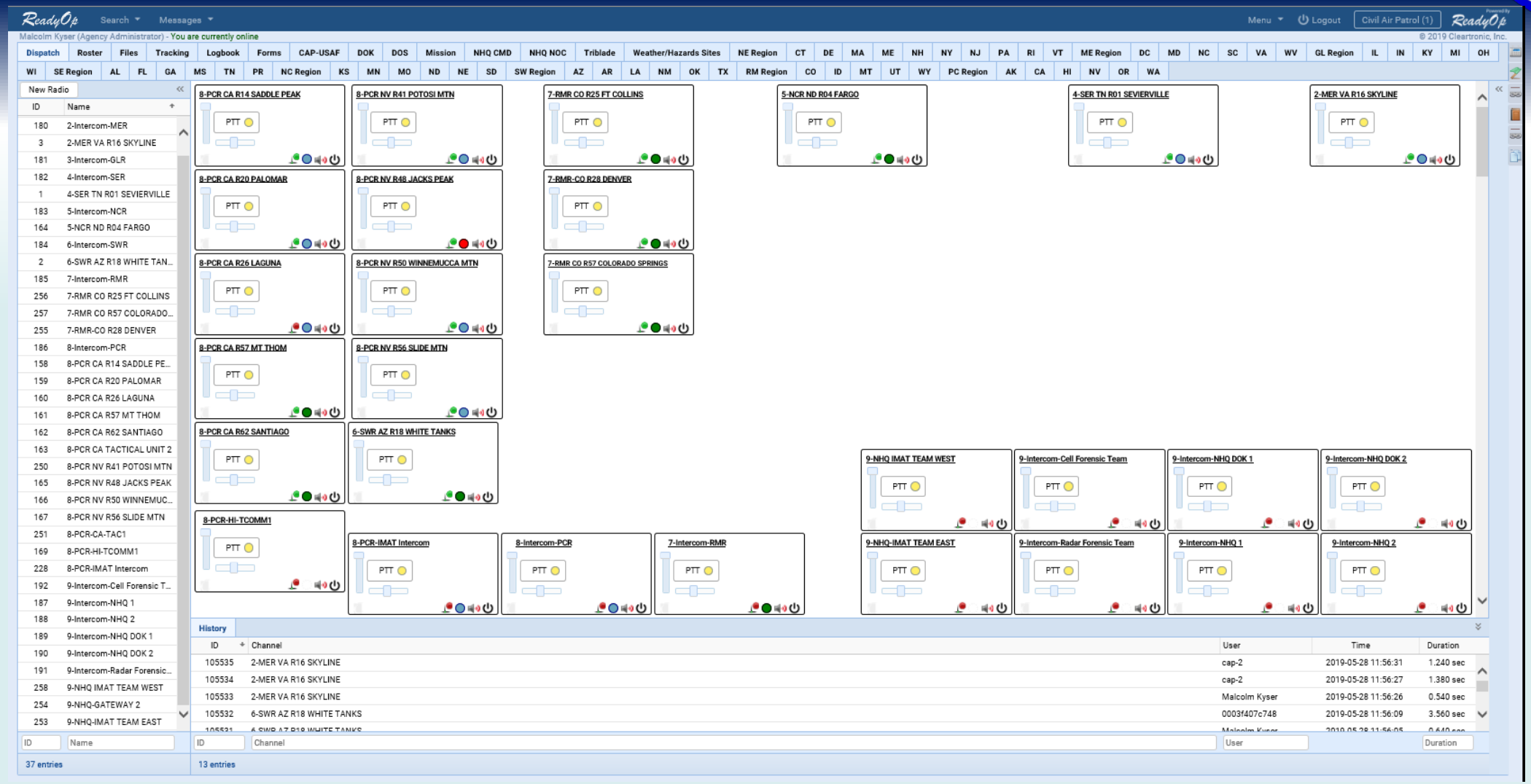
- All CAP HF stations will eventually have a data terminal
  - One laptop, one modem, one printer
  - DoD issued encryption system with keys
    - Special training and operator certification will be required
    - Will be tracked in OpsQuals
  - Customized “CAP Center” messaging software
  - “Air gapped” from the internet
- First 290 on hand
  - Beta testing with Triblades this fall/winter
- Distribution will start with message center stations next year



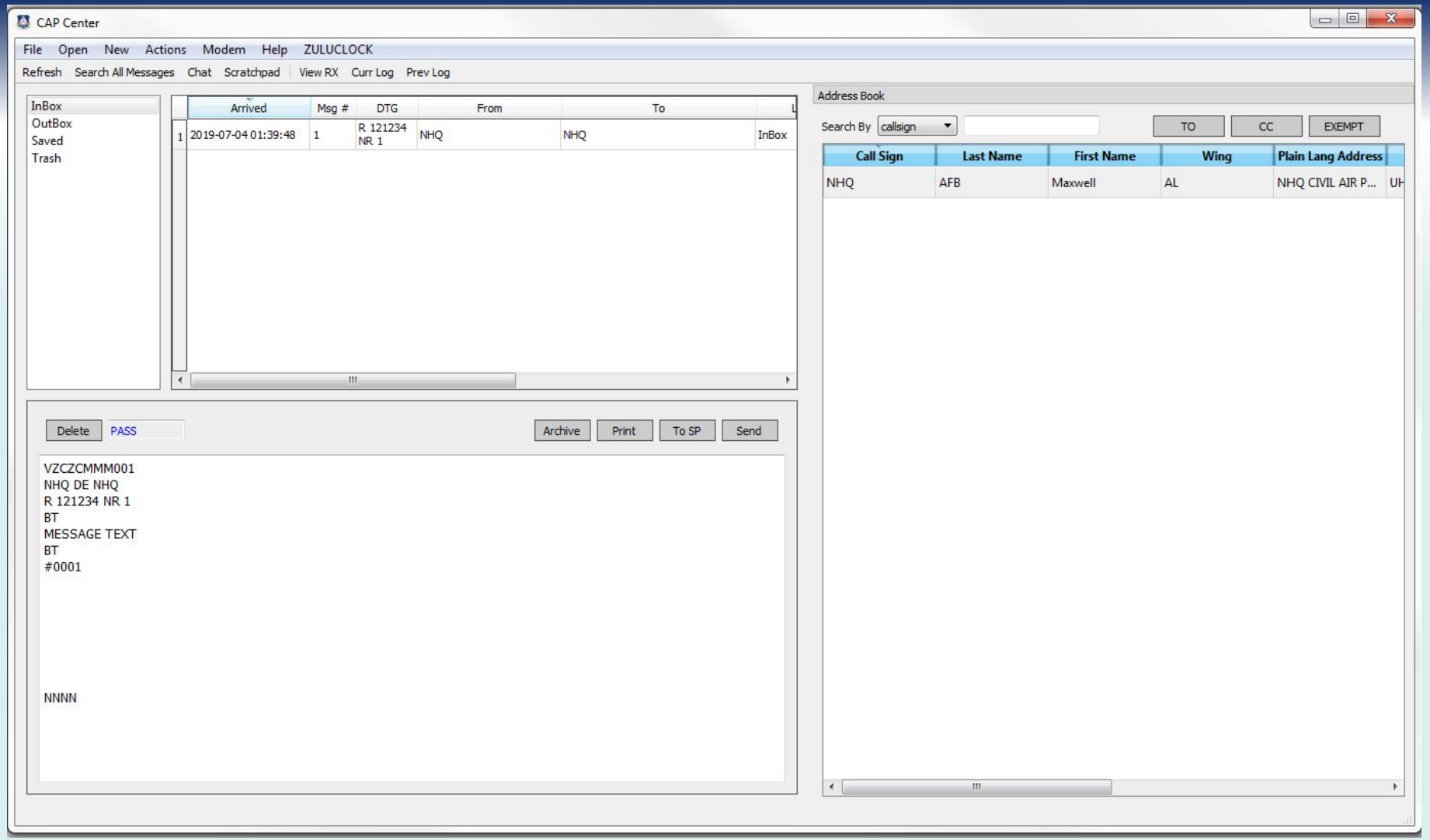




ReadyOp


ReadyOp
Search
Messages
Menu
Logout
Civil Air Patrol (1)
Malcolm Kyser (Agency Administrator) - You are currently online
© 2019 Cleartronic, Inc.
Dispatch Roster Files Tracking Logbook Forms CAP-USAF DOK DOS Mission NHQ CMD NHQ NOC Triblade Weather/Hazards Sites NE Region CT DE MA ME NH NY NJ PA RI VT ME Region DC MD NC SC VA WV GL Region IL IN KY MI OH
WI SE Region AL FL GA MS TN PR NC Region KS MN MO ND NE SD SW Region AZ AR LA NM OK TX RM Region CO ID MT UT WY PC Region AK CA HI NV OR WA
New Radio
ID Name
180 2-Intercom-MER
3 2-MER VA R16 SKYLINE
181 3-Intercom-GLR
182 4-Intercom-SER
1 4-SER TN R01 SEVIERVILLE
183 5-Intercom-NCR
164 5-NCR ND R04 FARGO
184 6-Intercom-SWR
2 6-SWR AZ R18 WHITE TAN...
185 7-Intercom-RMR
256 7-RMR CO R25 FT COLLINS
257 7-RMR CO R57 COLORADO...
255 7-RMR-CO R28 DENVER
186 8-Intercom-PCR
158 8-PCR CA R14 SADDLE PE...
159 8-PCR CA R20 PALOMAR
160 8-PCR CA R26 LAGUNA
161 8-PCR CA R57 MT THOM
162 8-PCR CA R62 SANTIAGO
163 8-PCR CA TACTICAL UNIT 2
250 8-PCR NV R41 POTOSI MTN
165 8-PCR NV R48 JACKS PEAK
166 8-PCR NV R50 WINNEMUC...
167 8-PCR NV R56 SLIDE MTN
251 8-PCR-CA-TAC1
169 8-PCR-HI-TCOMM1
228 8-PCR-IMAT Intercom
192 9-Intercom-Cell Forensic T...
187 9-Intercom-NHQ 1
188 9-Intercom-NHQ 2
189 9-Intercom-NHQ DOK 1
190 9-Intercom-NHQ DOK 2
191 9-Intercom-Radar Forensic...
258 9-NHQ IMAT TEAM WEST
254 9-NHQ-GATEWAY 2
253 9-NHQ-IMAT TEAM EAST
37 entries
8-PCR CA R14 SADDLE PEAK
8-PCR NV R41 POTOSI MTN
7-RMR CO R25 FT COLLINS
5-NCR ND R04 FARGO
4-SER TN R01 SEVIERVILLE
2-MER VA R16 SKYLINE
8-PCR CA R20 PALOMAR
8-PCR NV R48 JACKS PEAK
7-RMR-CO R28 DENVER
8-PCR CA R26 LAGUNA
8-PCR NV R50 WINNEMUCCA MTN
7-RMR CO R57 COLORADO SPRINGS
8-PCR CA R57 MT THOM
8-PCR NV R56 SLIDE MTN
8-PCR CA R62 SANTIAGO
6-SWR AZ R18 WHITE TANKS
9-NHQ IMAT TEAM WEST
9-Intercom-Cell Forensic Team
9-Intercom-NHQ DOK 1
9-Intercom-NHQ DOK 2
8-PCR-HI-TCOMM1
8-PCR-IMAT Intercom
8-Intercom-PCR
7-Intercom-RMR
9-NHQ-IMAT TEAM EAST
9-Intercom-Radar Forensic Team
9-Intercom-NHQ 1
9-Intercom-NHQ 2
PTT
History
ID Channel User Time Duration
105535 2-MER VA R16 SKYLINE cap-2 2019-05-28 11:56:31 1.240 sec
105534 2-MER VA R16 SKYLINE cap-2 2019-05-28 11:56:27 1.380 sec
105533 2-MER VA R16 SKYLINE Malcolm Kyser 2019-05-28 11:56:26 0.540 sec
105532 6-SWR AZ R18 WHITE TANKS 0003f407c748 2019-05-28 11:56:09 3.560 sec
13 entries

HF Data


CAP Center
File Open New Actions Modem Help ZULUCLOCK
Refresh Search All Messages Chat Scratchpad View RX Curr Log Prev Log
InBox
OutBox
Saved
Trash
Arrived Msg # DTG From To
1 2019-07-04 01:39:48 1 R 121234 NR 1 NHQ NHQ InBox
Address Book
Search By callsign
TO CC EXEMPT
Call Sign Last Name First Name Wing Plain Lang Address
NHQ AFB Maxwell AL NHQ CIVIL AIR P...
Delete PASS
Archive Print To SP Send
VZCZCMMM001
NHQ DE NHQ
R 121234 NR 1
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#0001
NNNN


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