SUBSCRIBER RADIO FEATURES POLICY

I. PURPOSE

In general, agencies should strive to have all of their radios bear the same model numbers and features. Managing a fleet of radios with different model type, features and codeplugs can create a training issue and may cause situations in which a radio does not function as expected creating a possible safety issue for the user. ECC will only allow programming of ECC codeplugs into radios listed below, created for that discipline and Agency subscriber radios.

II. STANDARDS

In order to set a standard for radios features and options to operate on the 800MHz P25 radio system that is managed by Emergency Communication Commission the follow minimum standards must be adhered to when purchasing a radio that will require access.

A. Mandatory features for all subscriber radios:
   1. 4F2 is set as the Owner System ID
   2. ADP Encryption
   3. Multi-system capability

B. APX7000XE Dual Band Model 1.5/3.0 Portable Fire/EMS radios must be purchase with mandatory options:
   1. QA01648: Advanced System Key Enhanced Operation (ASK)
   2. H38 or G51: SmartZone Systems Operation
   3. Q806 or G806: ASTRO IMBE Digital Operation
   4. Q947 or W947: APCO Packet Data Interface
   5. Q173 or G173: SmartZone Omnifex MultiZone Operation
   6. Q361 or G361: ASTRO 25 9600 Baud Trunking
   7. GA00308 VHF Secondary Band
   8. QA00569 or GA00244: Primary Band: 700/800
   9. G996: Over the Air Provisioning
   10. QA00782 or GA00229: Enable GPS Operation
   11. QA00631 DVRS PSU Activation
   12. NNTN8092 FM/CSA IP67 NIMH Impress Battery
   13. QA00577AA Large Color Display (3.5 Models)
   14. NAR6594 VHF/700/800 GPS Antenna
C. APX6000 Model 2.0 Law Enforcement radios must be purchase with mandatory options:

1. QA01648: Advanced System Key Enhanced Operation (ASK)
2. H38 or G51: SmartZone Systems Operation
3. Q806 or G806: ASTRO IMBE Digital Operation
4. Q947 or W947: APCO Packet Data Interface
5. QA00782 or GA00229: Enable GPS Operation
6. G996: Over the Air Provisioning
7. NNTN7038 IP67 NIMH Impress Battery
8. Q173 or G173: SmartZone Omniflink MultiZone Operation
9. Q361 or G361: ASTRO 25 9600 Baud Trunking
10. QA00569 or GA00244: Primary Band: 700/800
11. NAF5085 700/800 GPS MHz whip antenna

D. APX4000 Model 2.5 Local Government radios must be purchase with these mandatory options:

1. QA01648: Advanced System Key Enhanced Operation (ASK)
2. H38 or G51: SmartZone Systems Operation
3. Q806 or G806: ASTRO IMBE Digital Operation
4. Q947 or W947: APCO Packet Data Interface
5. QA00782 or GA00229: Enable GPS Operation
6. G996: Over the Air Provisioning
7. NNTN8128: IP67 NIMH Impress Battery
8. Q173 or G173: SmartZone Omniflink MultiZone Operation
9. Q361 or G361: ASTRO 25 9600 Baud Trunking
10. QA00569 or GA00244: Primary Band: 700/800
11. NAF 5085: 700/800 GPS MHz whip antenna

E. APX7500 Dual Band Remote Mount Mobile radio with 05 control head radios must be purchase for Fire and Law Enforcement Vehicles with these mandatory options:

1. QA01648: Advanced System Key Enhanced Operation (ASK)
2. H38 or G51: SmartZone Systems Operation
3. Q806 or G806: ASTRO IMBE Digital Operation
4. Q947 or W947: APCO Packet Data Interface
5. QA00782 or GA00229: Enable GPS Operation
6. G996: Over the Air Provisioning
7. Q173 or G173: SmartZone Omniflink MultiZone Operation
8. Q361 or G361: ASTRO 25 9600 Baud Trunking
9. GA00308 VHF Secondary Band
10. QA00569 or GA00244: Primary Band: 700/800
F. APX4500 Dash mount radios must be purchase for Local Government users for mobile vehicle and fixed site control station with these mandatory options:

1. QA01648: Advanced System Key Enhanced Operation (ASK)
2. H38 or G51: SmartZone Systems Operation
3. Q806 or G806: ASTRO IMBE Digital Operation
4. Q947 or W947: APCO Packet Data Interface
5. QA00782 or GA00229: Enable GPS Operation
6. G996: Over the Air Provisioning
7. Q173 or G173: SmartZone Omnilek MultiZone Operation
8. Q361 or G361: ASTRO 25 9600 Baud Trunking
9. QA00569 or GA00244: Primary Band: 700/800

G. APX7500 Dual Band Consolette/Control Station with 05 control head radios must be purchased to be used for Fixed radio site with these mandatory options:

1. QA01648: Advanced System Key Enhanced Operation (ASK)
2. H38 or G51: SmartZone Systems Operation
3. Q806 or G806: ASTRO IMBE Digital Operation
4. Q947 or W947: APCO Packet Data Interface
5. QA00782 or GA00229: Enable GPS Operation
6. G996: Over the Air Provisioning
7. Q173 or G173: SmartZone Omnilek MultiZone Operation
8. Q361 or G361: ASTRO 25 9600 Baud Trunking
9. GA00308 VHF Secondary Band
10. QA00569 or GA00244: Primary Band: 700/800

Adopted by the Emergency Communications Commission

By order of:

DAVID J.M. BARNEY
Director

MC:sp
E300

Approved at the regular Commission meeting of November 12, 2015.

WILLIAM G. KARABAS
Chairman