



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ORDER
7110.66E

Effective Date:
August 11, 2015

SUBJ: National Beacon Code Allocation Plan (NBCAP)

1. Purpose of This Change. This order prescribes procedures and functional responsibilities for the use of Mode 3/A of the Air Traffic Control Radar Beacon System (ATCRBS). It applies to all Air Traffic Control (ATC) facilities that provide services in the United States (U.S.) domestic, oceanic and artic airspace.

2. Audience. This directive applies to the following Air Traffic Organization (ATO) service units: Air Traffic Services (AJT), Mission Support (AJV), System Operations Services (AJR), including the David J. Hurley Air Traffic Control System Command Center (ATCSCC), the Directors of Tactical Operations, System Operations Security, Flight Services Program Operations, the Alaska Flight Services Information Area Group, FAA contract ATC service providers and all ATC facilities; select offices and services within Washington Headquarters, the William J. Hughes Technical Center (WJHTC), Mike Monroney Aeronautical Center (MMAC) and Department of Defense (DOD).

3. Where Can I Find This Change? This change is available on the MYFAA employee Web site at https://employees.faa.gov/tools_resources/orders_notices/ and on the air traffic publications Web site at http://www.faa.gov/air_traffic/publications.

4. Cancellation. This cancels Federal Aviation Administration, FAA JO 7110.66D, National Beacon Code Allocation Plan (NBCAP) Change 2, dated March 31, 2014.

5. Explanation of Policy Change. This change amends Appendix A: National Beacon Code Allocation Summary, TBL A-1, as follows:

1200	Visual Flight Rules (VFR) aircraft that may or may not be in radio contact with an ATC Facility.
1205	(1) Reserved for use by VFR Helicopters within the Los Angeles region that may or may not be in contact with ATC. (2) VFR aircraft departing the DC Special Flight Rules Area (DC SFRA) fringe airports IAW FAR 93.345.
1206	Reserved for use by VFR Law Enforcement, First Responder, Military and Public Service helicopters within the Los Angeles region that may or may not be in contact with ATC.
1234	VFR aircraft conducting pattern work at airports in the DC SFRA IAW FAR 93.339.
4447-4452	Allocated by the FAA for use in support of special flight activities in accordance with FAA JO 7110.67.
5000-5057, 5063-5077, 5400, 6100, 6400, 7501-7577	Reserved for use by DOD. The use of these code blocks can only be authorized and/or assigned by HQ NORAD or its designated representative. For information on the use of these codes contact NORAD J33C, n-nc.peterson.nj3.mbx.norad-j33c-omb@mail.mil
7400	Reserved for an unmanned aircraft experiencing a lost link situation.

Additionally, it updates the Air Route Traffic Control Center (ARTCC), beacon code assignments in En Route Automation Modernization (ERAM), depicted in Appendix B., TBL B-3 ARTCC assignments.

6. Concept.

a. The National Beacon Code Allocation Plan (NBCAP), is based upon the concept of discrete beacon code assignments to each ARTCC. Beacon codes are assigned by the automation system to a flight plan for external and internal flights. Ideally, each Air Route Traffic Control Center (ARTCC) should be allocated enough discrete code blocks to allow all aircraft to proceed from departure to destination using the same discrete code. Due to the limited number of available code subsets, traffic volume and the number of ARTCC's duplicate assignments are unavoidable. Vigilant analysis is required to minimize the impact of duplicate beacon code assignments. To reduce beacon code re-assignments ARTCC allocations are managed at the national level.

b. Terminal, NAS Stakeholder, Unique Purpose, or Experimental Activity beacon code assignments are made from the allocations designated in Appendix A, and are managed by the Service Area Directorates. If additional codes are required or reassignment of codes not contained in the NBCAP is necessary, the Air Traffic Procedures Directorate will assist the Service Area Directorates in determining a solution.

c. Every effort will be made to consider and comply with International Civil Aviation Organization (ICAO) beacon code assignment procedures when necessary and appropriate.

7. Responsibilities.

a. Air Traffic Procedures Directorates must:

- (1) Make and manage all National Beacon Code Allocations.
- (2) Make all ARTCC beacon code assignments.
- (3) Make all Service Area code assignments beyond those delegated in this order.
- (4) Review Service Area Directorate supplements and audit local beacon code assignments as necessary.

(5) Respond to Service Area Directorate requests to support terminal, industry, unique purpose or experimental activity.

(6) When necessary, coordinate beacon code assignments with international air traffic service providers with assistance from the Service Area Directorates.

(7) Work with Service Area Directorates to coordinate beacon code assignments with non-FAA agencies such as the DOD.

b. Service Areas Directorates must:

- (1) Assist Air Traffic Procedures Directorate with the execution of this order.
- (2) Manage all Service Area Directorate beacon code assignments delegated in this order.
- (3) Work with local ARTCC's and the Air Traffic Procedures Directorate to manage internal beacon code assignments in accordance with this document.

(4) Develop a Service Area Directorate supplement to this order, and specify the designated use of beacon code assignments made by the Service Area Directorate. Include in the supplement a current record of all Instrument Flight Rules (IFR) and Visual Flight Rules (VFR) code blocks assigned to each terminal, flight service facility, or unique purpose, along with the specific use or function of each code block. For those Service Area Directorates whose area of responsibility contains or is adjacent to an Air Defense Identification Zone (ADIZ), include codes assigned for identification of aircraft on Defense Visual Flight Rules (DVFR) flight plans. Additionally, document any restrictions, agreements on beacon code assignments and adaptations in the supplement. Update the Service Area Directorate supplement as needed and forward a copy to Air Traffic Procedures Directorate for review.

(5) Coordinate with other Service Area Directorates to prevent beacon code assignment conflicts between adjacent terminal and flight service facilities. Service Area Directorates with facilities that are adjacent to international boundaries will assist Air Traffic Procedures Directorate to ensure coordination with adjacent international facilities (such as Canadian, Mexican, Bahamian, and Cuban) is accomplished.

c. Air Traffic Control (ATC) Facilities must:

(1) Ensure that beacon code usage is in compliance with the ARTCC / Service Area Directorate's beacon code assignments outlined in this document and Service Area supplements.

(2) Adjust appropriate computer parameters to optimize code-use times.

(3) Forward to the Service Area Directorates all requests for additional code assignments accompanied by the explanation specified in Justification Requirements, paragraph 10, of this order. Ensure that requests for codes dedicated to a specific function or to be used for a unique purpose are approved sparingly, since this will limit the overall number of codes available for general use. Examples of unique purposes include but are not limited to: VFR traffic penetrating Class B airspace, and practice instrument approaches.

8. Code Assignments.

a. ARTCC- the Air Traffic Procedures Directorate shall assign internal, external and tertiary center code blocks.

b. CERAP, Terminal, FSS/AFSS, NAS Stakeholder, Unique Purpose, or Experimental Activities- codes shall be assigned by the Service Area Directorates and documented in the Service Area Directorates supplement.

c. Military- codes are allocated in this order (Appendix A, Table A-1) and specified in FAA JO 7610.4, Special Operations. Additional DOD requirements shall be forwarded to the appropriate Directorate for consideration.

d. Full code blocks- are designated in the Appendices to this document by the base, non-discrete, code of that block. Example - 2600 indicates codes 2601 through 2677. The non-discrete code, 2600 in this example, will normally not be assigned. Code 0000 must never be assigned. Where partial blocks are allocated, the actual range of codes will be listed.

e. DVFR- special procedures are required for VFR flights into, within or out of the United States ADIZ. Code assignments are made by AFSS when a flight plan is activated for a VFR flight that will fly into, out of, or within the ADIZ. (See FAA JO 7110.10, Flight Services, 6-1, Flight Data, and 7-2, Customs Notification and ADIZ Requirements).

9. Justification Requirements.

a. ARTCC's- must submit all requests for additional beacon codes or allocation adjustments through their Service Area Directorate to Air Traffic Procedures Directorate. Justifications must include full rationale with traffic counts, specific cases/issues, and any other supporting data. Requests will be evaluated using existing code utilization statistics and potential impact on the NAS.

b. Terminal, AFSS and CERAP- must forward requests to their Service Area Directorate with supporting documentation, which must include quantifiable justification such as traffic count or projected peaks.

c. NAS Stakeholder, Unique Purpose and Experimental Activity- must submit a detailed letter to the facility or the Service Area Directorate with supporting documentation indicating intended use, safety considerations; duration needed, and impact if not approved.

10. Distribution. This order is distributed to select offices in Washington Headquarters, Service Area Directors, the William J. Hughes Technical Center, the Mike Monroney Aeronautical Center, all air traffic control facilities, Department of Defense (DoD) and all flight standards and international aviation field offices.

11. Definitions.

a. Beacon Code Assignment - actual distribution of specific codes from within the National Beacon Code Allocation Plan to specific facilities and/or special activities as defined in the Appendices to this document.

b. Beacon Code Set - comprised of four octal digits in which the decimal numbers "8" and "9" are not used. There are 4096 possible codes (0000-7777).

c. Code Block - defined by the first two octal digits of the code (example 00##, 12##). There are 64 different code blocks. Any code block described in this order by the non-discrete code ending in "00" (example 2100, or 1000) refers to the entire block (example 2101-2177 or 1001-1077).

d. Non-discrete Codes - codes that end in "##00". There are 64 non-discrete codes. Assign non-discrete codes based on guidance found in FAA JO 7110.65, Air Traffic Control, Chapter 5, 5-2-6 through 5-2-10. Non-discrete codes may also be assigned by the Air traffic Procedures Directorate. Code "0000" should never be assigned or used.

e. Discrete Code - the last two digits (example ##01, ##43). There are 63 discrete codes in every block with 4032 total.

- f.** Code Subset - series of discrete beacon codes within a code block. It is described by the lowest and highest number in the subset (example 2110 - 2120 = 9 discrete codes; (example 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117 and 2120).
- g.** Computer Assigned Code - beacon code assigned to a specific flight plan as the result of a program function or a controller message input.
- h.** DVFR - procedures governing aircraft flying VFR through or within an (ADIZ).
- i.** External Code - beacon code reserved for computer assignment to a flight plan with one or more route segments not contained within a single domestic ARTCC's airspace.
- j.** Internal Code - beacon code reserved for computer assignment to a flight plan where all route segments are contained in a single domestic ARTCC's airspace.
- k.** Function Codes - non-discrete beacon codes utilized in accordance with FAA JO 7110.65, paragraph 5-2-6, Function Code Assignments.
- l.** Primary Code Blocks - blocks of codes in an ARTCC's computer from which code assignments are first attempted. Primary blocks are adapted for internal and external flight plans.
- m.** Secondary Code Block - blocks of codes in an ARTCC's computer from which code assignment is attempted only when all discrete codes in the primary code blocks are not available. Secondary blocks are adapted for internal and external flight plans.
- n.** Service Area Beacon Code Supplement - document maintained by service area specialist that documents the assignment of beacon codes to facilities other than ARTCC's; TRACON's, Tower's, Military units, etc.
- o.** Tertiary Code Blocks - blocks of codes in an ARTCC's computer from which code assignment is attempted when no codes from either the primary or secondary code blocks are available. Tertiary blocks are adapted as a final back-up for external flight plans to avoid complete depletion for unique codes.

Original signed by Heather Hemdal

Heather Hemdal
Director, Air Traffic Procedures
Air Traffic Organization

7110.66E – Appendix A.**Table A-1 National Beacon Code Allocation Summary**

0100-0400	Allocated to Service Area Operations for assignment for use by Terminal/CERAP, NAS Stakeholder, Unique Purpose and Experimental activities.
1200	Visual Flight Rules (VFR) aircraft that may or may not be in radio contact with an ATC Facility.
1201	For use by VFR aircraft in the immediate vicinity of LAX IAW FAR 93.95.
1202	Reserved for use by VFR gliders not in contact with ATC.
1205	(1)Reserved for use by VFR Helicopters within the Los Angeles region that may or may not be in contact with ATC. (2) VFR aircraft departing the DC Special Flight Rules Area (DC SFRA) fringe airports I.A.W. FAR 93.345.
1206	Reserved for use by VFR Law Enforcement, First Responder, Military and Public Service helicopters within the Los Angeles region that may or may not be in contact with ATC.
1234	VFR aircraft conducting pattern work at airports in the DC SFRA I.A.W. FAR 93.339.
1207-1272	Discrete 1200 series codes, unless otherwise allocated (e.g., 1255), designated for DVFR aircraft and only assigned by Flight Service Station (FSS).
1255	Firefighting aircraft.
1273-1275	Calibration Performance Monitoring Equipment (CPME), MRSM, and PARROT transponders.
1276	Air Defense Identification Zone (ADIZ) penetration when unable to establish communication with ATC or aeronautical facility.
1277	Designated Search and Rescue (SAR) aircraft.
0100-0700, 1000, 1100, 1300, 1500, 2000*, 2100, 2200, 2300, 2400, 4000	Non-discrete code assignments in accordance with FAA JO 7110.65, paragraph 5-2-2 Discreet Environment. 2000*, for use in oceanic airspace, unless another code is assigned by ATC.
4400	SR-71, F-12, U-2, B-57, pressure suit flights and aircraft operations above FL 600 in accordance with FAA JO 7110.65, paragraph 5-2-10., Beacon Code for Pressure Suit Flights Above FL 600.
4401-4433, 4466-4477	Reserved in accordance with FAA JO 7110.67, Special Aircraft Operations.
4434-4437	Weather reconnaissance, as appropriate.
4440-4441	Operations above FL600 for Lockheed/NASA from Moffett Field.
4442-4446	Operations above FL600 for Lockheed from Air Force Plant 42.
4447-4452	Allocated by the FAA for use in support of special flight activities I.A.W. FAA JO 7110.67.
4453	High balloon operations – National Scientific Balloon Facility, Palestine TX, and other providers, some in international operations.
4454-4465	Air Force operations above FL600 as designated in FAA JO 7610.4, Special Operations.
5100-5300	May be used by DOD aircraft beyond radar coverage but inside U.S. controlled airspace with coordination as appropriate with applicable Area Operations Directorate. DOD aircraft outside U.S. controlled airspace need to coordinate with the applicable Flight Information Region's (FIR) air traffic authorities.
5000-5057, 5063-5077 5400, 6100, 6400, 7501-7577	Reserved for use by DOD. The use of these code blocks can only be authorized and/or assigned by HQ NORAD or its designated representative. For information on the use of these codes contact NORAD J33C, n-nc.peterson.nj3.mbx.norad-j33c-omb@mail.mil
5061-5062, 5100, 5200,	Allocated by the FAA to Potomac TRACON (PCT) for use in the DC Special Flight Rules Area (SFRA) and Flight Restricted Zone (FRZ). Codes 5061 and 5062 will revert back to the DOD allocation code block when no longer needed in support of the NCR ADIZ.

7601-7607, 7701-7707	Allocated by the FAA for special use by Federal Law Enforcement Agencies.
7400	Reserved for an unmanned aircraft experiencing a lost link situation.
7500	Hijack in accordance with FAA JO 7610.4.
7600	Radio Failure in accordance with FAA JO 7110.65, paragraph 5-2-8 Radio Failure.
7700	Emergency in accordance with FAA JO 7110.65, paragraph 5-2-7 Emergency Code Assignment.
7777	DOD interceptor aircraft on active air defense missions and operating without ATC clearance in accordance with FAA JO 7610.4.
0500, 0600, 0700, 1000, 1100, 1300, 1400, 1500, 1600, 1700, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 4000, 4100, 5600, 5700, 6000, 6200, 6300, 6500, 6600, 6700, 7000, 7100, 7200, 7300, 7610-7676, 7710-7776	External ARTCC subsets (Discrete codes of blocks only except for first primary block, which is used as the ARTCC's non-discrete code if all discrete codes are assigned.)
0000, 4200, 4300, 4500, 4600, 4700, 5100, 5200, 5300, 5500	Internal ARTCC subsets assigned by En Route Procedures Group, AJV-83. (Discrete codes only except for first primary block to be used as non-discrete if all discrete codes are assigned.)

Exceptions for operational need are approved by Air traffic Procedures Directorate AJV-8

7110.66E - Appendix B
National Beacon Code Allocation Details

Table B-1 ARTCC Code Categories

I	Internal Departures
E	External Departures
M	Military
S	Special Use

Table B-2 ARTCC Computer Adaptation Sequence

P	Primary Code Block
S	Secondary Code Block
T	Tertiary Code Block
(AAn)	Adaptation Sequence (Priority)

Table B-3 ARTCC Assignments

ARTCC	Code	Thru	Code	Priority
KZAK	1100			ODAPS
KZWY	1000			ODAPS
ZAB	0700			EP-1
ZAB	2600			EP-2
ZAB	1500			ES-1
ZAB	1600			ES-2
ZAB	4100			ES-3
ZAB	3001	-	3020	ET-1
ZAB	3101	-	3134	ET-2
ZAB	3501	-	3515	ET-3
ZAB	5601	-	5621	ET-4
ZAB	6024	-	6047	ET-5
ZAB	7001	-	7020	ET-6
ZAB	4200			IP-1
ZAB	4300			IP-2
ZAB	5500			IS-1
ZAN	3400			E
ZAN	4100			E
ZAN	5700			E
ZAN	7200			E
ZAN	4000			ES
ZAN	5600			ES
ZAN	2200			I
ZAN	2300			I
ZAN	4200			I
ZAN	4500			I
ZAN	4600			I
ZAN	4700			I
ZAN	4800			I
ZAN	4900			I
ZAN	5000			I
ZAN	5100			I
ZAN	5200			I
ZAN	3100			IS
ZAN	3500			IS
ZAU	1300			EP-1
ZAU	3100			EP-2
ZAU	6200			EP-3

ARTCC	Code	Thru	Code	Priority
ZAU	6500			EP-4
ZAU	3200			ES-1
ZAU	3500			ES-2
ZAU	5600			ES-3
ZAU	7200			ES-4
ZAU	0500			ET-1
ZAU	2200			ET-2
ZAU	4300			IP-1
ZAU	5300			IP-2
ZAU	0001	-	0007	IS-1
ZAU	0011	-	0017	IS-2
ZAU	0021	-	0027	IS-3
ZAU	0031	-	0037	IS-4
ZAU	0041	-	0047	IS-5
ZAU	0051	-	0057	IS-6
ZAU	0061	-	0067	IS-7
ZAU	0071			IS-8
ZAU	4700			IS-9
ZAU	5500			IS-10
ZBW	3400			EP-1
ZBW	3500			EP-2
ZBW	1300			ES-1
ZBW	1400			ES-2
ZBW	2000	-	2007	ES-3
ZBW	7300			ES-4
ZBW	2400			ET-1
ZBW	7000			ET-2
ZBW	5300			IP-1
ZBW	0000			IS-1
ZBW	4600			IS-2
ZBW	4700			IS-3
ZBW	5500			IS-4
ZDC	0500			EP-1
ZDC	2100			EP-2
ZDC	2400			EP-3
ZDC	3600			EP-4
ZDC	5600			EP-5
ZDC	7000			EP-6
ZDC	1300			ES-1
ZDC	6200			ES-2
ZDC	6500			ES-3
ZDC	3500			ET-1
ZDC	3700			ET-2
ZDC	4600			IP-1
ZDC	5300			IP-2

ARTCC	Code	Thru	Code	Priority
ZDC	0000			IS-1
ZDC	4700			IS-2
ZDC	5500			IS-3
ZDV	1400			EP-1
ZDV	0600			ES-1
ZDV	2700			ES-2
ZDV	3700			ES-3
ZDV	6500			ES-4
ZDV	2212	-	2235	ET-1
ZDV	3333	-	3377	ET-2
ZDV	3401	-	3427	ET-3
ZDV	5622	-	5642	ET-4
ZDV	6644	-	6655	ET-5
ZDV	7441	-	7453	ET-6
ZDV	5100			IP-1
ZDV	0000			IS-1
ZDV	4300			IS-2
ZDV	5500			IS-3
ZFW	0500			EP-1
ZFW	2200			EP-2
ZFW	2300			EP-3
ZFW	3400			ES-1
ZFW	3600			ES-2
ZFW	6200			ES-3
ZFW	0613	-	0677	ET-1
ZFW	3021	-	3077	ET-2
ZFW	3241	-	3264	ET-3
ZFW	7041	-	7077	ET-4
ZFW	5100			IP-1
ZFW	5200			IP-2
ZFW	4500			IS-1
ZFW	5300			IS-2
ZHU	2400			EP-1
ZHU	2500			EP-2
ZHU	2700			ES-1
ZHU	4000			ES-2
ZHU	7200			ES-3
ZHU	7300			ES-4
ZHU	7401			ES-5
ZHU	6600			ET-1
ZHU	6700			ET-2
ZHU	4500			IP-1
ZHU	4600			IP-2
ZHU	4200			IS-1
ZHU	4700			IS-2

ARTCC	Code	Thru	Code	Priority
ZHU	5200			IS-3
ZHU	0000			IT-1
ZHU	5101	-	5127	IT-2
ZHU	5146	-	5177	IT-3
ZID	4000			EP-1
ZID	6600			EP-2
ZID	6700			EP-3
ZID	1400			ES-1
ZID	3400			ES-2
ZID	3700			ES-3
ZID	7300			ES-4
ZID	2601	-	2642	ET-1
ZID	2701	-	2735	ET-2
ZID	3001	-	3042	ET-3
ZID	4200			IP-1
ZID	4500			IP-2
ZID	5500			IS-1
ZJX	0700			EP-1
ZJX	1000			EP-2
ZJX	2600			EP-3
ZJX	1500			ES-1
ZJX	1600			ES-2
ZJX	3000			ES-3
ZJX	3200			ES-4
ZJX	6200			ES-5
ZJX	7300			ES-6
ZJX	2700			ET-1
ZJX	6500			ET-2
ZJX	6700			ET-3
ZJX	7610	-	7676	ET-4
ZJX	7710	-	7776	ET-5
ZJX	4200			IP-1
ZJX	4300			IP-2
ZJX	5500			IP-3
ZJX	7401			IS-1
ZJX	3400			IT-1
ZKC	1100			EP-1
ZKC	1700			EP-2
ZKC	2100			EP-3
ZKC	2500			ES-1
ZKC	5700			ES-2
ZKC	2001	-	2020	ET-1
ZKC	3301	-	3311	ET-2
ZKC	6001	-	6023	ET-3
ZKC	7101	-	7120	ET-4

ARTCC	Code	Thru	Code	Priority
ZKC	7401	-	7440	ET-5
ZKC	4600			IP-1
ZKC	4700			IP-2
ZKC	5200			IS-1
ZLA	1000			EP-1
ZLA	7200			EP-2
ZLA	7300			EP-3
ZLA	1300			ES-1
ZLA	2000			ES-2
ZLA	6700			ES-3
ZLA	2401			ET-1
ZLA	7610	-	7675	ET-2
ZLA	7710	-	7776	ET-3
ZLA	4600			IP-1
ZLA	4700			IP-2
ZLA	5100			IS-1
ZLA	5300			IS-2
ZLC	6000			EP-1
ZLC	0500			ES-1
ZLC	3100			ES-2
ZLC	4000			ES-3
ZLC	0701	-	0710	ET-1
ZLC	0716	-	0720	ET-2
ZLC	0726	-	0730	ET-3
ZLC	2201	-	2211	ET-4
ZLC	2301	-	2332	ET-5
ZLC	2501	-	2512	ET-6
ZLC	4100			ET-7
ZLC	5601	-	5611	ET-8
ZLC	6201	-	6211	ET-9
ZLC	7401	-	7411	ET-10
ZLC	7610	-	7676	ET-11
ZLC	7710	-	7776	ET-12
ZLC	4300			IP-1
ZLC	4200			IS-1
ZLC	5200			IS-2
ZLC	5300			IS-3
ZMA	1400			EP-1
ZMA	3600			EP-2
ZMA	3700			EP-3
ZMA	7401			EP-4
ZMA	1100			ES-1
ZMA	1300			ES-2
ZMA	2100			ES-3
ZMA	2300			ES-4

ARTCC	Code	Thru	Code	Priority
ZMA	3300			ES-5
ZMA	3500			ES-6
ZMA	5700			ES-7
ZMA	6000			ES-8
ZMA	6600			ES-9
ZMA	0500			ET-1
ZMA	2200			ET-2
ZMA	5600			ET-3
ZMA	7000			ET-4
ZMA	7100			ET-5
ZMA	7610	-	7676	ET-6
ZMA	7710	-	7776	ET-7
ZMA	0000			IP-1
ZMA	4500			IP-2
ZMA	4600			IP-3
ZMA	4700			IP-4
ZMA	4200			IS-1
ZMA	5100			IS-2
ZMA	5300			IS-3
ZME	1500			EP-1
ZME	1600			EP-2
ZME	5600			EP-3
ZME	0700			ES-1
ZME	1000			ES-2
ZME	1300			ES-3
ZME	7610	-	7676	ET-1
ZME	7710	-	7776	ET-2
ZME	4300			IP-1
ZME	5500			IP-2
ZME	4500			IS-1
ZME	5300			IS-2
ZMP	2400			EP-1
ZMP	2600			EP-2
ZMP	3600			EP-3
ZMP	1600			ES-1
ZMP	3000			ES-2
ZMP	7000			ES-3
ZMP	1501	-	1532	ET-1
ZMP	3312	-	3332	ET-2
ZMP	6700			ET-3
ZMP	4200			IP-1
ZMP	4500			IP-2
ZMP	4600			IS-1
ZMP	5200			IS-2
ZNY	1100			EP-1

ARTCC	Code	Thru	Code	Priority
ZNY	1500			EP-2
ZNY	1600			EP-3
ZNY	1700			EP-4
ZNY	2600			EP-5
ZNY	2700			EP-6
ZNY	3000			EP-7
ZNY	3300			EP-8
ZNY	7100			EP-9
ZNY	1000			ES-1
ZNY	2200			ES-2
ZNY	2300			ES-3
ZNY	4000			ES-4
ZNY	6601	-	6666	ES-5
ZNY	6725	-	6777	ET-1
ZNY	7610	-	7676	ET-2
ZNY	7710	-	7776	ET-3
ZNY	4200			IP-1
ZNY	4500			IS-1
ZNY	4600			IS-2
ZOA	3200			EP-1
ZOA	3300			EP-2
ZOA	1700			ES-1
ZOA	3600			ES-2
ZOA	3700			ES-3
ZOA	6300			ES-4
ZOA	0601	-	0647	ET-1
ZOA	2212	-	2235	ET-2
ZOA	3001	-	3020	ET-3
ZOA	7441	-	7464	ET-4
ZOA	4200			IP-1
ZOA	4500			IP-2
ZOA	4300			IS-1
ZOA	5500			IS-2
ZOA	7000			IS-3
ZOB	4100			EP-1
ZOB	5700			EP-2
ZOB	7401			EP-3
ZOB	1000			ES-1
ZOB	2100			ES-2
ZOB	2300			ES-3
ZOB	2500			ES-4
ZOB	6000			ES-5
ZOB	7200			ES-6
ZOB	0500			ET-1
ZOB	0600			ET-2

ARTCC	Code	Thru	Code	Priority
ZOB	0700			ET-3
ZOB	6300			ET-4
ZOB	5100			IP-1
ZOB	5200			IP-2
ZOB	4500			IS-1
ZSE	3500			EP-1
ZSE	6600			EP-2
ZSE	1500			ES-1
ZSE	1600			ES-2
ZSE	0650	-	0677	ET-1
ZSE	2236	-	2277	ET-2
ZSE	3430	-	3477	ET-3
ZSE	7412	-	7477	ET-4
ZSE	4600			IP-1
ZSE	4700			IP-2
ZSE	5100			IS-1
ZSE	5200			IS-2
ZTL	2000			EP-1
ZTL	2500			EP-2
ZTL	3100			EP-3
ZTL	7100			EP-4
ZTL	1100			ES-1
ZTL	1700			ES-2
ZTL	2200			ES-3
ZTL	3300			ES-4
ZTL	3500			ES-5
ZTL	4134	-	4177	ES-6
ZTL	5700			ES-7
ZTL	6000			ES-8
ZTL	7200			ES-9
ZTL	5100			IP-1
ZTL	5200			IP-2
ZTL	2600			IS-1
ZTL	4700			IS-2
ZTL	5300			IS-3