SCANNERS

The Urban Dxer

SHORTWAVE

Vol. 2 No.8 August 28, 1998

MONITORING DC

This month we're going to shift our monitoring topics a bit South. As most of you who frequent the net know, I recently spent a week in Washington DC. This was, without a doubt, some of the best listening I have had in several years! Together with "R" I've compiled an extensive list that appears at the end of the newsletter. Thanks to Dave, WI2Q, he offered to let me use his Opto Scout and I quickly jumped at the chance! One might be concerned that the notion of taking scanners and frequency recording devices into secure government buildings is suicidal. I admit that I did give it a second thought, but actually found security quite lax and somewhat uneducated. More on that later!

Washington DC offers several different facets to the monitoring hobby. The District of Columbia is divided into 4 quadrants < >. The DC Metro police maintain separate channels for each district, and overlap authority with the US Park Service Police, Capitol Police, and the various other Federal agencies. My observations suggest that the US Park police handle most of the incidents in and around most of the Federal buildings that draw tourists. They in turn will escalate incidents to the Capitol Police, though I'm not clear what that hierarchy is.

The Urban DX'er

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Contributions of information for future issues is always welcomed and greatly appreciated. Please send your E mail to 4runner@hili.com..

So aside from the local police what is there to listen to? Well for starters, most people in Washington rely in the "Metro" for getting around. Parking is very expensive so mass transportation is where its at! The Metro is a modernized, cleaned up version of the New York City subway system that really works! It's clean, cool (air conditioned), and runs a tight schedule. It uses a fair deduction system that deducts the cost of the

Established 1984

ride as you exit the station. The Metro covers the entire DC area and spiders out to adjoining suburbs in both VA and MD. The Metro system includes stops which are nearby the major areas you as a tourist would probably want to visit.

Communications on the Metro system are varied and non-stop, so during times when local action may seem slow, listen to the Metro system!

In Washington DC the region between 400 - 425 is as active as the 460 MHz band is in New York City. Yes, several agencies are using digital scrambling, but many times more are in the clear. I put one of my scanners into a search and store mode and accumulated over 100 active channels in this part of the spectrum in just one afternoon.

450-451 and 455-456 are just as congested in DC as they are in New York. The news media is very active, though my own observations show that Nextel digital phones are the communicator of choice for reporters on scene. I spoke to one reporter who recognized my AR8000 and he commented that he used one to listen to his fellow reporters until most went digital!

So, now a bit of my own adventures!

Through some close contacts I arranged to get some "private" tickets through Congressman Rothman's office. As with most Congressmen, their offices are within a short walk of the Capitol in buildings connected via underground tunnels. Once locating the Longworth Building you are faced with your typical metal detectors and guards. In this case the guards are US Capitol Police. I decided to let my wife and son go up to the 7th floor and get the tickets while I visit the mens room and snoop around. One office is more grand and ornate than the next. The names of Congressmen we hear on the news adorn each door; this place makes you feel important just being there! With the mens room in site I decided to take a load off my feet and turn on the Opto Scout. Within about 15 seconds alarms starting sounding - boy was I glad I was sitting where I was! Did I trigger an alarm? Was this place really that high tech? Well I was about to find out... I got done with my "business" and walked out into

the hallway. To my relief there were dozens of people heading for the door - it was the fire alarm! Seems that they were adding a sprinkler system and the torches set off the alarm. Once my heart rate settled down I proceeded to turn the Scout back on and proceeded to shmooze with the guards. It didn't take long to have one of them key up one of their Motorola HT's and set the Opto Scout to beeping! I noticed that he kept eyeing my AR8000 so I decided to mention the fact that I was an amateur radio operator. I conveniently mentioned that I used the radio to communicate with my wife if / when we got split up. That did the trick - no more suspicious looks! Later when we took a break I compared the "hits" with the list I had started with. To my surprise there were two that I did not have and dozens of hits within the lower portion of 800 MHz - cell phone mania!!

The police at the Capitol were a bit more observing, probably due to the fact that just days before the tragic shooting took place. They were very observant, but not restrictive in any way. The next morning we were in line at 1600 Pennsylvania Ave. With the tickets I had, the wait was significantly shorter and the groups somewhat smaller than tickets the White House issues each morning. Nonetheless, we had to pass the security and scrutiny of the ever observant US Secret Service. Signs and announcements were abound, instructing all who entered these hallowed walls to place all packages, cameras, camcorders and cell phones on the conveyor. One by one the metal detector swallowed up each item and two SS agents carefully observed each and every item on a monitor. I passed through the metal detectors quickly, but my fanny pack with AR8000 and Opto Scout was momentarily "detained". I could see they were fascinated with it as the motioned to me to come over and join them. I'm sure you know the feeling your knees start to tingle and your mouth starts to dry up! Holding my AR8000, I was asked, "what's this?" "A radio" I said, "I'm an amateur radio operator and I use it to talk with my wife when we get split up." OK, I guess it worked cause he put it back in my zippered pouch and closed it. So just when I thought I was home free he spotted the Opto Scout. I could see this really caught his curiosity! Without asking me anything he picked up his radio and called one of the other agents from across the room. Oh sh thought..... At the same time, the Scout started beeping as it recorded his transmission... 417.850 big as life on the display!!! Now I'm looking face to

face with two Secret Agents who probably saw I was "a bit nervous". "And what's this" I was asked, holding my breath I said "that's just another radio can I show you a copy of my amateur radio license?" His response which came after what seemed like an eternity was, "no, that's not necessary, just please do not use it inside the White House." "No problem!" I picked up the Scout, zeroed the counter and tucked it away in my fanny pack. Throughout the tour I could hear it beeping and it was killing me to see what frequencies it was detecting. Once outside, it appears that 417.825 and 417.850 are used by the tours - all in a digital scrambled mode. Having survived that ordeal there was no stopping me know. We walked around the White House and I noticed several reporters at one of the rear gates. As each car approached it stopped and a dog sniffed the car. There was lots of radio activity as the agents had the radios in their hand. I walked over and said, "Excuse me, can you tell me where the National Geographic building is?" "Gee, I don't know, but let me see if I can find out." After several requests on three different frequencies he told me I was about a mile away. A safe distance away I checked the Opto Scout and discovered a third frequency 417.200

Later that day we went to one of the 17 museums that make up the Smithsonian Institute - the Museum of American History. I highly recommend this as a starting place as it offers many artifacts and Icons we all grew up with. Within minutes, 469.200 and 469.500 are very active with all sorts of operations traffic. Nothing spectacular, but interesting nonetheless. In the lower level they have a very good exhibit that details the history of electronic communications beginning with wireless. Amateur radio is represented in just about every time segment they explore. Towards the end of the display I discovered the museum's radio club, NN3SI. To volunteer ops are there to greet you and will ask you to sign their guest book if you are licensed!

The following day I decided to do the day without any radios. I left the AR8000 on charge and plugged in the Opto Scout. While charging the Scout is on and will record any hits it encounters. Returning later that day I discovered I had 47 hits on 417.200. Either the user had a repeater on the hotel I was staying at or there was a stake out in an adjoining room! I listened, but the channel was silent. This remains one of the catches that got

away!

HOW TO HEAR THE HURRICANE HUNTERS! By: Larry Van Horn

After traveling around the net over the last couple of days to look at the various hurricane list out there, I've decided an update is definitely in order.

I just got off the phone with one of the pilots at the 53 WRS and interviewed him regarding the frequencies they are using for comms during their missions. Here is the scope.

The 53 WRS uses the "Teal" callsign when they are on their hurricane hunter missions. When they are on an airlift mission they use "Hobby." **The Swan and**

Gull callsigns are NO longer used. Yes, they do use UHF milsat for DATA ONLY comms (no voice). I doubt it would be worth the time or energy to attempt to monitor since the Vortex and Recco messages sent via this data circuit are widely available on the net within minutes after they clear the aircraft. From the HH website: "A key part of the WRS is its ability to send data instantaneously via military satellite directly to the forecasters at the National Hurricane Center in Miami, or to another transceiver at Keesler Air Force Base, or a portable station which moves with the Hurricane Hunters wherever they go to chase the storms. The weather officer can also send written messages to the forecasters and staff on the ground, providing details of the storm and coordinating the mission."

They use primarily three HF nets for comms in addition to their normal VHF/UHF civilian/milair stuff. GHFS: According to Colonel Peterson they use this when they need to talk to Miami or Keesler, etc. Look for them on the primary GHFS frequencies of 4724, 6712, 6739, 8968, 8992, 11175, 13200, 15016, and 17976 kHz. If the comms last any length of time or traffic is heavy they could move to a GHFS discrete, so listen for that frequency to be passed by the GHFS ground station.

MWARA: Used by the pilots for air traffic control purposes. Depending on where the storm is will determine which MWARA will be used the HH folks. You will primary catch them on the NAT or CAR freq families and when they are working the East Pacific storms look for them on the CEP family of freqs. According to the colonel they are using St.

Croix in the Virgin Islands for a forward base in the Atlantic and Hickam as a forward base in the Pacific.

For an excellent list of HF MWARA channels a visit to WUN's Tony Orr website is a must. The URL is

http://patriot.net/~jetset/hf.html

The third HF net that Col Peterson said they use, but rarely is the US Air MARS phone patch net. Some of the freqs that have been reported include: 7633.5 and 13927 kHz. Bob Wyman and Allan Stern have been providing excellent coverage of the VHF/UHF freqs being used down their way and those freqs have also been confirmed by Col Peterson.

As for the Air2Air that Bob asked about I think the 304.8 is it. However, you might also want to check the following: 381.0, 283.7, 349.4 and 385.9 MHz. One of these could prove productive. Those of you within Keelser UHF range should watch the 53WRS CP freq of 349.4 MHz for comms. That freq was in use the last time I was down that way.

Be sure to visit the 53 WRS website which has lots of great information at:

http://www.hurricanehunters.com

Have a great time out there and good hunting. Larry Van Horn Grove Enterprises

MILITARY MONITORING

Just about any scanner magazine you pick up always mentions all the action on the military bands. Everyone has their own favorite hangouts, but lists

found in magazines tend to be very regional. Charlie, N2NOV just forwarded me this list of the top 150 military frequencies that are used throughout

the U.S. Here a list that will wear your fingers out! **Frequency Mode Description**

1. 311.000	AM STRATCOM primary
2. 321.000	AM STRATCOM secondary
3. 243.000	AM Distress/guard
4. 121.500	AM Distress/guard
5. 415.700	NBFMAir Force One/Two
6. 407.850	NBFMAir Force One/Two
7. 282.800	AM All services search & rescue

-					
8. 287.800	AM	USAF/USCG air sea rescue	68. 287.700	AM	NORAD
9. 381.300	AM	Air Combat Command primary	69. 288.400	AM	NORAD
10. 381.700	AM	USCG search & rescue	70. 293.600	AM	NORAD
11. 381.800	AM	USCG search & rescue	71. 293.800	AM	NORAD
12. 239.800	AM	USAF weather	72. 299.000	AM	NORAD
13. 342.500 14. 287.400	AM AM	USAF refueling air to air	73. 309.400	AM AM	NORAD NORAD
15. 287.425	AM	USAF refueling air to air USAF refueling air to air nationwide	74. 316.300 75. 320.600	AM	NORAD
16. 295.400	AM	USAF refueling air to air nationwide	76. 324.000	AM	NORAD
17. 296.200	AM	USAF refueling air to air nationwide	77. 327.900	AM	NORAD
18. 297.300	AM	USAF refueling air to air nationwide	78. 238.000	AM	NORAD
19. 297.600	AM	USAF refueling air to air nationwide	79. 336.600	AM	NORAD
20. 297.625	AM	USAF refueling air to air nationwide	80. 341.800	AM	NORAD
21. 314.300	AM	USAF refueling air to air nationwide	81 346.200	AM	NORAD
22. 314.325	AM	USAF refueling air to air nationwide	82. 346.900	AM	NORAD
23. 324.400	AM	USAF refueling air to air nationwide	83. 348.200	AM	NORAD
24. 336.100 25. 341.400	AM AM	USAF refueling air to air nationwide USAF refueling air to air nationwide	84. 351.500 85. 355.200	AM AM	NORAD NORAD
26. 352.900	AM	USAF refueling air to air nationwide	86. 359.400	AM	NORAD
27. 354.200	AM	USAF refueling air to air nationwide	87. 359.800	AM	NORAD
28 358.200	AM	USAF refueling air to air nationwide	88. 374.000	AM	NORAD
29. 359.100	AM	USAF refueling air to air nationwide	89. 377.000	AM	NORAD
30. 359.125	AM	USAF refueling air to air nationwide	90. 386.000	AM	NORAD
31. 361.700	AM	USAF refueling air to air nationwide	91. 387.800	AM	NORAD
32. 366.300	AM	USAF refueling air to air nationwide	92. 390.200	AM	NORAD
33. 368.600	AM	USAF refueling air to air nationwide	93. 397.800	AM	NORAD
34. 369.200	AM	USAF refueling air to air nationwide	94. 398.000	AM	NORAD
35. 370.400	AM	USAF refueling air to air nationwide	95. 364.200	AM	NORAD
36. 372.300	AM	USAF refueling air to air nationwide	96. 264.900	AM	NORAD
37. 375.700 38. 375.925	AM AM	USAF refueling air to air nationwide USAF refueling air to air nationwide	97. 255.400 99. 225.400	AM AM	Military to FAA USAF ground control 1
39. 376.000	AM	USAF refueling air to air nationwide	100. 275.800	AM	USAF ground control 2
40. 376.075	AM	USAF refueling air to air nationwide	101. 289.400	AM	USAF ground control 3
41. 376.125	AM	USAF refueling air to air nationwide	102. 335.800	AM	USAF ground control 4
42. 376.175	AM	USAF refueling air to air nationwide	103. 342.500	AM	USAF weather
43. 376.025	AM	USAF refueling air to air nationwide	104. 344.600	AM	USAF weather
44. 376. 07	AM	USAF refueling air to air nationwide	105. 281.000	AM	Air Tanker Common
45. 384.600	AM	USAF refueling air to air nationwide	106. 251.900	AM	ANG primary
46. 385.400	AM	USAF refueling air to air nationwide	107. 303.000	AM	ANG secondary
47. 388.400	AM	USAF refueling air to air nationwide	108. 259.000	AM	ARRS Tactical
48. 391.800 49. 394.600	AM AM	USAF refueling air to air nationwide USAF refueling air to air nationwide	109. 252.800 110. 381.000	AM AM	ARRS Tactical ARRS Tactical
50 394.900	AM	USAF refueling air to air nationwide	111. 344.600	AM	FAA pilot metro
51. 228.600	AM	NORAD	112. 314.600	AM	Military contractors flight test
52. 228.900	AM	NORAD	113. 345.400	AM	Military contractors flight test
53. 234.600	AM	NORAD	114. 382.600	AM	Military contractors flight test
54. 235.900	AM	NORAD	115. 130.650	AM	AMC Command Post VHF
55. 238.400	ΑM	NORAD	116. 319.400	AM	AMC Command Posts
56. 239.700	AM	NORAD	117. 297.000	AM	AMC air to air
57. 254.200	AM	NORAD	118. 384.600	AM	Air Refueling air to air
58. 260.800	AM	NORAD (AICC)	119. 385.800	AM	Air Refueling air to air
59. 260.900	AM	NORAD	120. 388.400	AM	Air Refueling air to air
60. 261.400 61. 267.000	AM AM	NORAD NORAD	121. 391.800 122. 394.600	AM AM	Air Refueling air to air Air Refueling air to air
62. 271.000	AM	NORAD	123. 394.900	AM	Air Refueling air to air
63. 272.000	AM	NORAD	124. 396.200	AM	Air Refueling air to air
64. 273.400	AM	NORAD	125. 286.300	AM	Air Refueling air to air
65 274.400	AM	NORAD	126. 339.200	AM	Air Refueling air to air
66. 282.600	AM	NORAD	127. 343.100	AM	Air Refueling air to air
67. 278.400	AM	NORAD	128. 266.50	AM	Air Refueling air to air

129. 267.800	AM	Air Refueling air to air
130. 276.100	AM	Air Refueling air to air
131. 279.800	AM	Air Refueling air to air
132. 283.900	AM	Air Refueling air to air
133. 289.500	AM	Air Refueling air to air
134. 291.100	AM	Air Refueling air to air
135. 295.800	AM	Air Refueling air to air
136. 314.500	AM	Air Refueling air to air
137. 318.000	AM	Air Refueling air to air
138. 322.800	AM	Air Refueling air to air
139. 322.950	AM	Air Refueling air to air
140. 352.600	AM	Air Refueling air to air
141. 352.700	AM	Air Refueling air to air
142. 391.000	AM	Air Refueling air to air
143. 276.500	ΑM	Air Refueling air to air
144. 286.200	AM	Air Refueling air to air
145. 286.900	ΑM	Air Refueling air to air
146. 287.400	AM	Air Refueling air to air
147. 364.200	AM	ACC ROCC primary
148. 264.900	AM	ACC ROCC secondary
149. 41.500	AM	ARMY helicopters towers
150. 148.000	AM	AIR Force/ARMY common

AOR USA, INC.

http://www.aorja.com/bulletin-e.html

We are happy to announce that effective August 1, 1998, we established a new US based sales office in Torrance California, U.S.A. The new office will function as a sole distributor of AOR, LTD., and will serve for entire North America markets. We are confident that the new arrangement will make it possible to offer AOR products in more timely manner. The address is as follows.

AOR USA, INC.

20655 S. Western Ave., Suite #112 Torrance, CA. 90501 U.S.A.

Tel: (310) 787-8615 Fax: (310) 787-8619

SCANNER LEGALITY

Over the past few issues several readers have asked me whether its legal to have a scanner in your car. Well, this depends on what state you live in. If you live in New Jersey it is legal to have and use a scanner in your car.

Through the efforts of Steve Mendelsohn, WA2DHF, the law was rewritten several years ago. In the laws provisions it now makes it a felony if the scanner is used in the commission of a crime.

In New York, section 397 of the New York State vehicle and traffic law prohibits the installation of a radio capable of receiving police frequencies in a vehicle by any person other than a peace officer,

unless a permit has been obtained from the appropriate authority. Nothing in this section of the law shall affect the operation of amateur radio equipment by a licensed amateur radio operator. This law has been interpreted by many as allowing the use of a scanner in a vehicle as long as it is not permanently mounted in the vehicle.

AFN

Armed Forces Radio (AFN) has been back up and kicking on HF for the past week or two. Frequencies active are (all are upper sideband):4278.5 kHz, 6485.5 kHz, and 12689.5 kHz

Depending on ones' location and the time of day, one or more of these frequencies should be audible, but not necessarily free of adjacent or co-channel interference.

Catch 'em now, while you can. This is the first time AFN has been back on HF in many (maybe 5?!) years, and this opportunity will be gone as soon as they get themselves a new full-time satellite channel, as their former channel was lost due to (bird failure(?))

73,

MARK B., KB2ZKT

<Editors Note: It was first reported that AFN resumed HF operation to serve fleets in the Caribbean that were out of the satellite coverage area>

YOUR FAVORITE TOP 10

Many of the frequencies we include each month comes from the Internet and our buddy "R" in CT. What are your 10 favorite frequencies? Share your top10 and I'll print them here for all to enjoy. It doesn't matter if they are HF, VHF, or UHF.

PICTURE THIS

Readers may remember that last year we included several pictures of our readers listening posts. Whether it's a card table in the corner or a dedicated Radio Shack, why not share a picture with us? Send me a photo and I'll scan it and return it promptly. You can also e mail photos to me at 4runner@hili.com Via "snail mail" pictures can be sent to Bob, WA2SQQ - 69 Memorial Place, Elmwood Park, NJ 07407 < Hey "R" read this - HINT!!!!>

Thanks to all those who contributed to this months issue:

Ed-KC2AYC, Charlie- N2NOV, Charlie - KB2UVV, Mark - KB2ZKT,

Washingt	on DC Police	495.4375	D.C. Parking Enforcement - F-2 (Tow Trucks)
460.350	Metropolitan P.D F-1 (District 1) (PL 127.3)	453.875	D.C. Parking Enforcement - F-3 (Booting/Motor Pool)
460.250	Metropolitan P.D F-2 (District 2) (PL 127.3)	155.040	D.C. School Security - F-1
460.025	Metropolitan P.D F-3 (District 3) (PL 127.3)	153.935	D.C. School Security - F-2
460.500	Metropolitan P.D F-4 (District 4) (PL 127.3)	453.525	District Protective Services
460.200	Metropolitan P.D F-5 (District 5) (PL 127.3)	100.020	
460.150	Metropolitan P.D F-6 (District 6) (PL 127.3)	Washingt	on Metro Police
460.475	Metropolitan P.D F-7 (District 7) (PL 127.3)	161.385	WMATA MetroRail Operations - F-8/9 (Transit
460.100	Metropolitan P.D TAC-1/F-8 (Dis 2/3 Tactical)		Police/Security)
460.400	Metropolitan P.D TAC-2/F-9 (Dis 1/6/7 Tact) (PL		i oncorecounty,
127.3)		Washingt	on Metro System
460.450	Metropolitan P.D TAC-3/F-10 (Dist 4/5 Tact) (PL	160.260	WMATA MetroRail Ops - F-1 (Red Line)
127.3)		160.380	WMATA MetroRail Ops - F-2 (Blue/Orange Lines)
460.275	Metropolitan P.D F-11 (S.O.D.) (PL 127.3)	160.620	WMATA MetroRail Ops - F-3 (Blue/Yellow/Green Lines)
460.325	Metropolitan P.D F-12 (Citywide 1) (PL 127.3)	161.025	WMATA MetroRail Ops- F-4 (Maintenance/Paging)
460.425	Metropolitan P.D Command/Radio Shop (PL 127.3)	161.235	WMATA MetroRail Operations - F-5 (Yard-1)
458.775	Metropolitan P.D District 1 Surveillance (PL 127.3)	160.605	WMATA MetroRail Operations - F-6 (Yard-2)
458.725	Metropolitan P.D District 2 Surveillance (PL 127.3)	161.415	WMATA MetroRail Operations - F-7 (Start-Up)
458.475	Metropolitan P.D District 3 Surveillance (PL 127.3)	161.385	WMATA MetroRail Operations - F-8/9 (Transit
458.375	Metropolitan P.D District 4 Surveillance (PL 127.3)	1011000	Police/Security)
458.200	Metropolitan P.D District 5 Surveillance (PL 127.3)	489.5125	WMATA MetroRail Operations
458.425	Metropolitan P.D District 6 Surveillance (PL 127.3)		WMATA MetroRail Operations
458.850	Metropolitan P.D District 7 Surveillance (PL 127.3)		WMATA MetroRail Operations
458.350	Metropolitan P.D C.I.D. Surveillance. (PL 127.3)		WMATA MetroRail Operations
458.700	Metropolitan P.D C.I.D. Surveillance (PL 127.3)		WMATA MetroRail Operations
465.000	Metropolitan P.D S.O.D./E.R.T. Surveillance (PL		WMATA MetroRail Operations
127.3)	,		WMATA MetroRail Operations
156.850	Metropolitan P.D Harbor Patrol		WMATA MetroRail Operations
159.030	Metropolitan P.D Paging (PL 127.3)		WMATA MetroRail Operations
159.150	Metropolitan P.D Citywide (simulcasts F-12) (PL 127.3)		WMATA MetroRail Operations
158.790	Metropolitan P.D Invest Ser Bureau - F-1 (PL 127.3)		WMATA Bus Operations - F-1 (Systemwide)
158.850	Metropolitan P.D C.I.D F-2 (PL 127.3)	496.5875	WMATA Bus Operations - F-2 (Prince George's County)
453.3125	Metropolitan P.D Neighborhood Patrols		WMATA Bus Operations - F-3 (D.C.)
453.550	Metro Area Police Mutual Aid (P-MARS) (PL 100.0)		WMATA Bus Operations - F-4 (D.C./Montgomery
856.2375	Metropolitan P.D Trunked system (future use)		WMATA Bus Operations - F-5 (D.C./Montgomery
856.7375	Metropolitan P.D Trunked system (future use)		WMATA Bus Operations - F-6 (Virginia)
856.9875	Metropolitan P.D Trunked system (future use)		WMATA Bus Operations - F-7 (Supervisors)
857.2375	Metropolitan P.D Trunked system (future use)		WMATA Bus Operations - F-8 (Spare Channel)
857.7375	Metropolitan P.D Trunked system (future use)		WMATA Bus Operations - F-9 (Supervisors)
857.9875	Metropolitan P.D Trunked system (future use)	462.625	WMATA Bus Operations - Snow Desk
858.2375	Metropolitan P.D Trunked system (future use)	44.48	WMATA Facilities Maintenance
858.7375	Metropolitan P.D Trunked system (future use)	44.56	WMATA Facilities Maintenance
858.9875	Metropolitan P.D Trunked system (future use)	462.700	WMATA Facilities Maintenance
859.2375	Metropolitan P.D Trunked system (future use)	152.870	WMATA Facilities Maintenance
859.7375	Metropolitan P.D Trunked system (future use)		
859.9875	Metropolitan P.D Trunked system (future use)	AMTRAK	Police
860.2375	Metropolitan P.D Trunked system (future use)	160.920	Amtrak - Road
860.7375	Metropolitan P.D Trunked system (future use)	160.650	Amtrak - Station Services
860.9875	Metropolitan P.D Trunked system (future use)	160.515	Amtrak - Maintenance
495.4625	D.C. Parking Enforcement - F-1 (Ticket writers)	161.325	Amtrak - Maintenance

160.4	455	Amtrak - Yard/Worktrains	163.100	U.S. Supreme Court Police (Primary)
160.8		Amtrak - Police F-2(Unit-to-unit)	163.275	U.S. Supreme Court Police (Alternate)
161.2		Amtrak - Police F-3(Base)	163.125	Chesapeake & Ohio Canal - Park Police
161.2		Amtrak - Police F-4(Unit-to-unit)	163.125	Manassas National Battlefield Park - Police
161.3		Amtrak - Police (Portables/Mobile Repeaters)	463.675	George Washington University - Security
160.2		Amtrak - Police	461.700	Howard University - Security
160.2		Amtrak - Union Station F-1 (Road/Car)	464.825	University of D.C Security
160.3		Amtrak - Union Station F-2 (Baggage/Maintenance)	453.900	Baltimore Washington International Airport - Police
160.4		Amtrak - Union Station F-3 (Police)	165.7125	
452.9	900	Amtrak - Union Station Services	165.6375	
			165.6625	Washington National Airport Police
		tol Police		
169.2		U.S. Capitol Police - F-1 (Repeater)		on DC & Surrounding Fire Dept
		U.S. Capitol Police - F-2 (Repeater)	154.190	Washington D.C. Fire Department - F-1
170.1	175	U.S. Capitol Police - F-3 (Repeater)		(Operations/Dispatch) (PL 77.0)
162.2	250	U.S. Capitol Police - F-4 (Repeater)	154.235	Washington D.C. Fire Department - F-2
162.6	5125	U.S. Capitol Police - F-5 (Repeater)		(Fireground/Secondary) (PL 77.0)
169.2	225	U.S. Capitol Police - F-6 (Mobile)	154.280	Washington D.C. Fire Department - F-3 (Metro Area
165.5	5375			Mutual Aid)
170.1		U.S. Capitol Police - F-8 (Simplex)	154.205	Washington D.C. Fire Department - F-4
162.2		U.S. Capitol Police - F-9 (Simplex)		(E.M.S./Fireground/Paging) (PL 77.0)
162.6		U.S. Capitol Police - F-10 (Simplex)	154.190	Washington D.C. Fire Department - F-5 (Talkaround)
		orer eapher's enes is no (employ)	154.295	Washington D.C. Fire Department - Mutual Aid
Ontid	nnal	System??	852.7125	Washington D.C. E.M.S. Fire Department - Fire Boat
164.8		F-1 (Repeater - input is 164.050)	(PL	127.3)
164.6		F-2 (Repeater - input is 162.6125)	154.100	Baltimore Washington International Airport - Fire
164.8		F-3 (Simplex)	164.825	Dulles International Airport - Fire/Rescue
			164.825	
164.6		F-4 (Simplex)	104.023	Washington National Airport - Fire/Rescue
164.6		F-5 (Repeater - input is 164.325)	A la l a	/!!: ! -!-///!!
164.6		F-6 (Simplex)		ces/Hospitals/Medical
162.2	250	F-7 (Repeater - input is 165.5375)	852.6125	
		D. II	852.6375	
		Police	852.6875	Washington D.C. E.M.S Supv/RadioShop (PL127.3)
166.		U.S. Park Police - F-1 (Unit-to-unit)	852.6625	
166.9		U.S. Park Police - F-2 (Dispatch)		Washington D.C. E.M.S Tactical (PL 127.3)
167.0		U.S. Park Police - F-3 (Special Operations)		Washington D.C. E.M.S Tactical (PL 127.3)
166.8		U.S. Park Police - F-4 (Alternate)		Washington D.C. E.M.S.
172.4		U.S. Park Police - National Zoo/Rock Creek Park	462.950	Washington D.C. E.M.S MED-9 (Dispatch)
411.6	525	National Park Service/U.S. Park Police - Central D.C.	462.975	Washington D.C. E.M.S MED-10 (Dispatch)
F-1			463.000	Washington D.C. E.M.S MED-1 (Dispatch)
411.7	725	National Park Service/U.S. Park Police - Central D.C.	463.025	Washington D.C. E.M.S MED-2 (Dispatch)
F-2			463.050	Washington D.C. E.M.S MED-3 (Dispatch)
417.9	975	National Park Service/U.S. Park Police - The Ellipse	463.075	Washington D.C. E.M.S MED-4 (Dispatch)
172.7	750	National Park Service/U.S. Park Police - Mall Operations	463.100	Washington D.C. E.M.S MED-5 (Dispatch)
169.7	775	George Washington Memorial Parkway - Police	463.125	Washington D.C. E.M.S MED-6 (Dispatch)
411.8		JFK Center - Security	463.150	Washington D.C. E.M.S MED-7 (Dispatch)
409.0		JFK Center - Security (input)	463.175	Washington D.C. E.M.S MED-8 (Dispatch)
406.5		National Gallery of Art - Security 411.925 - National		3 (1 /
			Washingt	on DC General Hospital
Visit	ors (Center - Security	154.600	Mobile Units
169.7		National Zoological Park	462.900	Base Ops
410.2		Security	464.420	Med Rptrs
-T 1 U.2	_00	Socialty	464.775	Med Rptrs
Gov"	arnm	ent Printing Office - Security	107.770	mod ripilo
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	1 5∩	11 > GOVERNMENT PRINTING CHICA - SECURIV	Machinat	on Hospital
	450 125	U.S. Government Library of Congress - Security		on Hospital Base
408.	125	U.S. Government Library of Congress - Security	462.750	Base
	125			

464.525 414.800 SS Training Center (Beltsville, MD) Rptrs 464.575 Mobile Units **Presidential Trips** Federal Government/Military Activity on these frequencies has been noted during and presidential Army Corps of Engineers - Aqueduct movement. They re used by USSS, WHCA and other related 150.725 Architect of the Capitol 414.875 support groups. Congressional Pagers (House Democrats) 170.375 162.6875 166.5125 Congressional Pagers (House Republicans) 169.575 164.6875 171.2875 171.175 Congressional Pagers (Senate Democrats) 165.375 408.500 171.975 Congressional Pagers (Senate Republicans) 165.7875 Federal Protective Service - F-1 (Dispatch) 415.200 417.200 Federal Protective Service - F-2 (Unit-to-unit) **US Marshall** 410.200 Government Printing Office - Security 163.200 162.7125 Government Printing Office - Security 415.450 163.8125 162.7875 411.825 JFK Center - Security 164.600 170.750 Judiciary Plaza 418.575 Library of Congress - Security 408.125 Air Force 1 - 2 (SAM) Library of Congress - Security (input) 411.400 415.700 National Use 406.550 National Gallery of Art - Security 407.850 National Use 408.000 National Gallery of Art - Maintenance 166.950 National Park Service - Chesapeake & Ohio Canal Alpha Bravo Air Comms 417.975 National Park Service - The Ellipse 366.0 172.750 National Park Service - Mall Operations 407.850 "Yankee" AF1 to Limo 411.925 National Visitors Center - Security 162.6875 Limo to AF1 National Weather Service - Weather Broadcasts 162.550 46.70 "Nighthawk" helo to ground 169.725 National Zoological Park - Security 46.75 "Nighthawk" helo covering Limo 140.275 Naval Medical Center 140.725 - Naval Medical Center 46.80 "Nighthawk" helo covering Limo Naval Medical Center - Paging 464.725 -Rep.National 148.275 265.800 Marine Squad Committee "Nighthawk" to AF1 Intercom 375.00 169.200 Smithsonian Institution - F-1/2 Marine Corp 'watch helo" 169.925 169.0375 Smithsonian Institution - Transportation Ground / Air paired with 415.700 407.85 169.050 Smithsonian Institution 407.475 "Ground" Comms 415.800 Air - rarely used Federal Agencies (Various) 129.525 Press Aircraft to AF1 166.250 USSS to Press **US Secret Service** 170.150 USSS to Press 164.400 Primary Ops Channel 171.2875 AF 1 to Limo 407.800 Survailance 167.025 Digital Pagers - "Whisky" 406.275 Survailance Used by Advanced Set Up Teams DC activity also noted on.... 165.375 "Charlie" Main Channel **Unknown UHF Repeater** 166.700 "November" Repeater Output 415.650 165.7875 "Baker" Security Room 419.700 Repeater Input (PL 103.5) 166.5125 "Sierra" Traffic 164.400 "Papa" **US Treasury Dept** "Tango" Traffic 164.650 418.175 165.2125 "Mike" security Room 418.650 166.250 USSS to Press (Aircraft) 170.150 USSS to Press (Aircraft) Misc Fed Freq's In Use Whitehouse Uniform Detail (Please Note: Activity has been heard on these frequencies in 414.950 "Bandbox" CH 1 the Washington DC area. Since most government radios are 415.675 Comms CH 2 easily reprogrammed, what or who you may hear on any 415.875 "Training" CH 3 particular channel is unknown) 414.975 "Tactical" CH 4 "Bookstore" 415.800

"Protection Back Up"

"Exec Branch Back Up"

406.425

417.750

162.xxxx

.6375 .7375 .7625 .7875

163.xxxx	455.450 Associated Press
.8375 .8500 .8625 .8750 .8875 .9000 .9125	455.500 Associated Press
.9250 .9375 .9500 .9625 .9750 .9875	463.500 C-SPAN - Engineering
	174.000 C-SPAN
164.xxxx	180.000 C-SPAN
	186.000 C-SPAN
.0500 .1625 .2500 .3500 .4250	
	192.000 C-SPAN
165.xxxx	198.000 C-SPAN
.5875 .7125 .8375 .9000 .9250	210.000 C-SPAN
	450.5625 C-SPAN - Base
167.xxxx	455.5625 C-SPAN
.1500 .2125 .2375 .2500 .2625 .2750 .2875 .3000	463.500 C-SPAN
.3125 .3250 .3375 .3500 .3625 .3750 .3875 .4000	452.975 Cable News Network - F-1/2 (Engineering)
.4125 .4250 .4375 .4500 .4625 .4750 .4875 .5000	154.625 ?? Paging??
.5125	161.670 CBS Inc.
.5125	161.730 CBS Inc.
411	450.0875 CBS Inc.
411.xxx	
.0000 .050 .150	450.1125 CBS Inc.
	450.150 CBS Inc.
412.xxx	450.1875 CBS Inc.
.350 .425 .450 .475 .500 .550 .575 .675	450.350 CBS Inc.
	450.3875 CBS Inc.
414.xxxx	450.5875 CBS Inc.
.000 .025 .050 .0625 .075 .0875 .1000	450.700 CBS Inc.
.1250 .150 .175 .200 .225 .250 .275 .300	455.0875 CBS Inc.
.350 .375 .400 .425 .4375 .475 .500 .525	455.1125 CBS Inc.
	455.1875 CBS Inc.
.550 .575 .600 .700 .750	
	455.2125 CBS Inc.
417.xxx	455.2875 CBS Inc.
.100 .150 .325	455.3125 CBS Inc.
	455.3875 CBS Inc.
419.xxx	455.4125 CBS Inc.
.075 .175 .200 .225 .250 .275 .300 .325	455.4875 CBS Inc.
.350 .375 .400 .425 .450 .475 .500 .525	455.5875 CBS Inc.
.550 .575 .600	455.6125 CBS Inc.
.550 .575 .000	154.625 CBS Television - Paging
Name Madia	450.050 CBS Television - F-3 (Special Events) (PL 107.2)
News Media	450.150 CBS Television - F-1 (News/Special Events) (PL 107.2)
450.4125 ABC Television - F-4 (IFB) (PL 136.5)	450.2875 CBS Television - F-4 (Assignment Desk) (PL 107.2)
450.5875 ABC Television - F-3 (Production) (PL 136.5)	
450.650 ABC Radio - F-4 (Radio Remotes) (PL 136.5)	450.4875 CBS Television - F-2 (Prod/Special Events) (PL 107.2)
450.850 ABC Radio - F-2 (Radio Feeds) (PL 136.5)	450.5125 CBS Television - F-6 (Production) (PL 107.2)
455.0875 ABC Television - F-1 (Assignment Desk) (PL 136.5)	450.6125 CBS Television - F-7 (Audio/Cueing) (PL 107.2)
455.350 ABC Radio - F-1 (Radio Feeds) (PL 136.5)	450.800 CBS Television - F-5 (IFB) (PL 107.2)
455.5875 ABC Television - F-2 (Engineering) (PL 136.5)	450.020 CNN
455.675 ABC - Portables (PL 136.5)	452.975R CNN
455.700 ABC Radio - F-3 (Radio Remotes) (PL 136.5)	453.000R CNN
455.725 ABC - Portables (PL 136.5)	458.000 CNN
,	455.2875 CONUS Satellite News Service
	453.000 Cable News Network - F-3/4 (Desk/IFB)
464.500 ABC Television - F-7 (Unit-to-unit) (PL 136.5)	161.640 Capitol Broadcasting Company
464.550 ABC Television - F-8 (Unit-to-unit) (PL 136.5)	
469.500 ABC Television - F-9 (Unit-to-unit) (PL 136.5)	452.975 Citywide Radio
469.550 ABC Television - F-10 (Unit-to-unit) (PL 136.5)	450.0875 Detroit News Inc.
945.000 Almic Broadcasting Inc STL	170.150 Emergency Broadcast Service - Links
949.500 Almic Broadcasting Inc STL	161.730 Fox Television Stations Inc.
464.950 Army Times Publishing Company	161.760 Fox Television Stations Inc.
450.800 Associated Press	26.10 Gannet News Service
	450.1875 Gannett Corporation (PL 82.5)
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464.950	Journal Newspapers		National Public Radio
462.000	Metro Radio (PL 107.2)		National Public Radio
450.2375	Metro Traffic Control - F-3	464.975R	National Public Radio
450.2625	Metro Traffic Control - F-2	162.550	National Weather Service - Weather Broadcasts
	Metro Traffic Control - F-1 (PL 141.3)	463.800	News Photo Worldwide
455.800	Metro Traffic Control - F-4 (PL 141.3	463.500	Newsweek (PL 100.0)
450.050	Metropolitan Broadcasting Corp.	464.550	Newsweek
450.050			
	Metropolitan Broadcasting Corp.	462.150	Notification Net (DCArea)
450.250	Metropolitan Broadcasting Corp.	464.500	Prof Video Services
450.450	Metropolitan Broadcasting Corp.	464.550	Prof Video Services
455.250	Metropolitan Broadcasting Corp.	464.850	Record Publishing Company
26.370	Mutual Broadcasting System	452.975	Time-Warner Inc.
161.640	Mutual Broadcasting System - F-1 (Base)	464.525	U.S. News & World Report
450.3125	Mutual Broadcasting System - F-4 (IFB)	464.550	U.S. News & World Report
450.925	Mutual Broadcasting System	173.225	U.S.A. Today
455.4125	Mutual Broadcasting System - F-2 (Desk)	452.975	U.S.A. Today
455.750	Mutual Broadcasting System - F-3 (Backup)	950.500	University of D.C STL
455.925	Mutual Broadcasting System	450.250	Viacom Broadcasting Inc.
464.500	National Cable Satellite Corp 469.500 (In)	947.000	Viacom Broadcasting Inc STL
464.550	National Cable Satellite Corp 469.550 (In)	951.000	Viacom Broadcasting Inc STL
463.200	National Press Building	462.150	Wash DC Notification Net
463.900	National Press Building	166.250	WAVA-FM
	NBC Television - WRC-TV Local News Desk		
153.050		450.2875	WHMM-TV
153.170	NBC Television - WRC-TV 450.650 - 450.750	947.000	WHMM-TV - STL
161.640	NBC Television - WRC-TV 161.670 -153.050	455.1125	WJLA-TV - F-2 (Engineering)
161.670	NBC Television - Assignment Desk	455.550	WJLA-TV - F-1 (Desk)
161.700	NBC Television - WRC-TV (Unit-to-unit)	947.000	WJLA-TV - STL
161.730	NBC Television - WRC-TV (Unit-to-unit)	161.760	WKYS-FM
161.760	NBC Television - WRC-TV (Remotes)	170.150	WKYS-FM
450.450	NBC Television - WRC-TV F-1 (Engineering)	450.700	WLTT-FM - Traffic Copter
450.550	NBC Television - Network F-2	161.700	WMAL Radio - Traffic Copter (PL 192.8)
450.850	NBC Television - WRC-TV 455.350 - 455.550	450.2125	WMAL Radio - Reporters (PL 82.5)
455.150	NBC Television - WRC-TV F-3	450.650	WMAL Radio - Reporters (PL 82.5)
455.850	NBC Television - Network F-4	455.2125	WMAL Radio - Reporters (PL 82.5)
455.850	NBC Television - WRC-TV 154.570	161.760	WMZQ-FM - Remotes
464.775	NBC Television	450.2625	WMZQ-FM - Traffic Copter
450.020	National Broadcasting Company Inc.	161.640	WPGC Radio - F-1
	National Broadcasting Company Inc.	161.670	WPGC Radio - F-2
	National Broadcasting Company Inc. National Broadcasting Company Inc.	161.700	WPGC Radio - F-3
450.4125		161.730	WPGC Radio - F-4
	National Broadcasting Company Inc.		
455.050	National Broadcasting Company Inc.	161.760	WPGC Radio - F-5
455.350	National Broadcasting Company Inc.	455.800	WPGC Radio - Traffic Copter
455.4125	National Broadcasting Company Inc.	161.760	WTOP-AM
455.450	National Broadcasting Company Inc.	170.150	WTOP-AM
455.750	National Broadcasting Company Inc.	450.350	WTOP-AM - Reporters (PL 141.3)
947.000	National Broadcasting Company Inc STL	455.650	WTOP-AM - Traffic Reports
948.000	National Broadcasting Company Inc STL	951.375	WTOP-AM - STL
151.655	National Geographic Society	951.625	WTOP-AM - STL
154.540	National Geographic Society	161.730	WTTG-TV - F-1 (Desk)
26.29	National Public Radio	161.760	WTTG-TV - F-2 (Secondary)
174.000	National Public Radio	450.0875	WUSA-TV - F-3 (Encrypted) (PL 141.3)
450.450	National Public Radio	450.2125	WUSA-TV - F-2 (Desk) (PL 141.3)
450.4875	National Public Radio	450.750	WUSA-TV - F-1 (Engineering) (PL 141.3)
450.4875	National Public Radio	464.500	WUSA
450.650	National Public Radio	464.550	WUSA
455.450	National Public Radio	455.050	WWRC-AM - F-1 (News/Engineering)
455.650	National Public Radio	455.750	WWRC-AM - F-2 (News/Engineering)
455.050	rvational F ubite INauto	400.700	VV VV IN C-MIVI - I -2 (INEVVS/LIIGIIIEEIIIIG)

J			
462.675	Washington Metro REACT	153.980	University of D.C.
452.975	Washington News Network	950.500	University of D.C STL
853.062		154.995	Fairfax County, VA - Schools
853.087		453.675	Fairfax County, VA - Schools
853.112		855.9625	Fairfax County, VA - Schools
945.500	Washington Radio Assoc. L.P.		Fairfax County, VA - Schools
173.275	Washington Times	153.785	Prince George's County, MD Schools - Maintenance
464.925	Washington Times - Security	156.000	Prince George's County, MD Schools - Security
854.087		155.220	Prince George's County, MD Schools - Buses
450.062			
450.537		Airports/A	Aviation
455.412	0 , ,	236.600	Andrews A.F.B Tower
455.487		289.600	Andrews A.F.B Tower
	·	251.050	Andrews A.F.B A.T.I.S.
Schools		344.600	Andrews A.F.B Weather
153.815	D.C. Schools - Buses/Operations	294.500	Andrews A.F.B Approach
155.040	D.C. Schools - Security - F-1	119.400	Baltimore Washington International Airport - Tower
153.935	D.C. Schools - Security - F-2	121.900	Baltimore Washington International Airport - Ground
151.745	American University	.2	Control
151.835	American University	127.800	Baltimore Washington International Airport - A.T.I.S.
151.895	American University	115.100	Baltimore Washington International Airport - A.T.I.S.
495.687		118.050	Baltimore Washington International Airport - Clearance
464.575	Catholic University of America		Delivery
464.775	Catholic University of America	124.550	Baltimore Washington International Airport -
154.540	Gallaudet College		Approach/Departure
464.825	Gallaudet College	128.700	Baltimore Washington International Airport -
851.412			Approach/Departure
851.712		119.000	Baltimore Washington International Airport - Approach
855.062		119.700	Baltimore Washington International Airport - Approach
855.287	•	133.750	Baltimore Washington International Airport - Departure
463.675	George Washington University - Security	122.100	Baltimore Washington International Airport - F.S.S.
151.685	George Washington University	122.200	Baltimore Washington International Airport - F.S.S.
151.835	George Washington University	122.950	Baltimore Washington International Airport - Unicom
151.865	George Washington University	453.900	Baltimore Washington International Airport - Police
154.600	George Washington University	154.100	Baltimore Washington International Airport - Fire
464.437		453.800	Baltimore Washington International Airport -
464.450	George Washington University	Administra	·
464.475	George Washington University	154.980	Baltimore Washington International Airport - Utilities
464.875	George Washington University	853.2625	Baltimore Washington International Airport - Parking Lot
464.925	George Washington University		Shuttle
151.685	Georgetown University	257.600	Bolling A.F.B Tower
151.955	Georgetown University	269.000	Bolling A.F.B Approach
463.575	Georgetown University	322.300	Bolling A.F.B Approach
463.725	Georgetown University	120.100	Dulles International Airport - Tower
464.112	5 Georgetown University	121.900	Dulles International Airport - Ground Control
464.475	Georgetown University	134.850	Dulles International Airport - A.T.I.S.
461.700	Howard University - Security	127.350	Dulles International Airport - Clearance Delivery
450.287	5 Howard University - WHMM-TV	129.550	Dulles International Airport - Midfield Ramp Control
947.000	Howard University - WHMM-TV - STL	126.100	Dulles International Airport - Approach/Departure
463.275	Howard University	126.650	Dulles International Airport - Departure
463.437	5 Howard University	125.050	Dulles International Airport - Departure
464.675	Howard University	122.950	Dulles International Airport - Unicom
151.895	Johns Hopkins University School for International	165.500	Dulles International Airport - F-1 (Operations)
Studies		165.7125	Dulles International Airport - F-2 (Police)
464.825	University of D.C Security	164.825	Dulles International Airport - F-3 (Fire)
464.975	University of D.C Maintenance	166.0875	Dulles International Airport - F-4 (Maintenance)
464.875	University of D.C.	165.6375	Dulles International Airport - Police (Tactical)

409.300	Dulles International Airport - Mobile Lounges	464.600	Capital Hilton Hotel
415.125	Dulles International Airport - Mobile Lounges	464.975	Capital Hilton Hotel
154.540	Dulles Airport Marriott	464.575	Claridge House (Arlington)
340.200	Patuxent N.A.S Tower	154.600	Colonial Manor Motel (Rockville)
344.400	Patuxent N.A.S Tower	464.9375	Courtyard by Marriott
276.200	Patuxent N.A.S A.T.I.S.	466.5125	Days Inn of America
356.200	Patuxent N.A.S Weather	154.540	•
			Dulles Airport Marriott
281.800	Patuxent N.A.S Approach	463.5625	Embassy Row Hotel
314.000	Patuxent N.A.S Approach	463.6125	Embassy Square Suites
353.600	Patuxent N.A.S Approach	463.3625	Embassy Suites
143.100	Pentagon - Tower	463.9875	Embassy Suites
231.300	Pentagon - Tower	464.425	Gaithersburg Marriott
241.000	Pentagon - Tower	465.000	Gaithersburg Marriott - Paging
138.575	Pentagon - Tactical	464.525	Georgetown Hotel
120.300	Washington ARTCC	464.525	Grand Hotel
121.100	Washington ARTCC	462.875	Grand Hotel - Paging
123.850	Washington ARTCC	464.925	Grand Hyatt Washington
125.800	Washington ARTCC	461.725	Grand Hyatt Washington
127.100	Washington ARTCC	464.825	Grand Hyatt Washington
132.550	Washington ARTCC	464.4250	Grand Hyatt Washington
133.250	Washington ARTCC	464.925	Greenbelt Hilton
134.525	Washington ARTCC (High Altitude)	469.2625	Greenbelt Marriott
135.200	Washington ARTCC	469.9125	Greenbelt Marriott
135.400	Washington ARTCC	464.275	Greenbelt Marriott
135.500	Washington ARTCC	464.425	Guest Quarters Hotel
135.500	Washington ARTCC	469.675	Guest Quarters Hotel
135.500	Washington ARTCC	464.675	Guest Quarters Hotel (Bethesda)
119.100	Washington National Airport - Tower	461.5375	Hampton Inn (Alexandria)
120.750	Washington National Airport - Tower (Copters)	151.745	Hay Adams Hotel
121.700	Washington National Airport - Ground Control	469.425	Hermitage Inn (Alexandria)
132.650	Washington National Airport - A.T.I.S.	461.575	Holiday Inn (Ballston)
128.250	Washington National Airport - Clearance Delivery	461.925	Holiday Inn (Fairfax)
118.300	Washington National Airport - Approach (East)	852.0625	Holiday Inn Capitol
124.700	Washington National Airport - Approach (West)	464.575	Holiday Inn Capitol
118.950	Washington National Airport - Departure (West)	461.2375	Holiday Inn Crown Plaza
121.050	Washington National Airport - Departure (West)	463.6375	Holiday Inn Crown Plaza
125.650	Washington National Airport - Departure (West)	464.5375	Holiday Inn Crown Plaza
126.55	Washington National Airport - Departure (East)	466.6875	Holiday Inn Crown Plaza
122.950	Washington National Airport - Unicom	464.375	Holiday Inn Fair Oaks(Fairfax)
165.500	Washington National Airport - F-1 (Operations)	461.175	Holiday Inn Gaithersburg
165.6625	Washington National Airport - F-2 (Police)	461.675	Holiday Inn Gaithersburg
164.825	Washington National Airport - F-3 (Fire)	464.375	Holiday Inn Georgetown
164.4125	Washington National Airport - F-4 (Maintenance)	464.475	Holiday Inn Greenbelt
408.175	Washington National Airport - F.A.A.	464.175	Hotel Bristol
.000	Tradinington rational rapport in a min	464.525	Howard Johnson's Motor Lodge
Hotels / N	Intels	461.9125	Hyatt Park
462.900	Anthony House Hotel	464.375	Hyatt Regency (Arlington)
151.715	Best Western Center	464.775	Hyatt Regency (Arlington)
463.900	Best Western Executive (Alexandria)	464.875	Hyatt Regency (Arlington)
461.350	Best Western Skyline Inn	938.750R	Hyatt Regency (Arlington)
461.9625	Bethesda Marriott Hotel	464.775	Hyatt Regency (Bethesda)
462.1125	Bethesda Marriott Hotel	462.775	Hyatt Regency (Bethesda) - Paging
463.3625	Bethesda Marriott Hotel	464.600	Hyatt Regency (McLean)
151.745	Bethesda Marriott Hotel	461.775	Hyatt Reston Town Center
151.745	Bethesda Marriott Hotel	462.750	Hyatt Reston Town Center
464.525	Bethesda Ramada Hotel	464.500	Loew's L'Enfant Plaza Hotel
151.775	Capital Hilton Hotel	469.500	Loew's L'Enfant Plaza Hotel
151.775	∪αριται Επιτυπ Επυτ σ ι	407.000	LOGW 3 E ETHATIL FIAZA FIULEI

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464.875	Loew's L'Enfant Plaza Hotel	464.575	Master Host Inn
151.775	Madison Hotel	151.835	Mayflower Hotel
151.805	Madison Hotel	464.075	Mayflower Hotel
462.875	Madison Hotel - Paging	464.525	Mayflower Hotel
461.9625	Marriott Dulles Hotel	464.775	Mayflower Hotel
154.540	Marriott Dulles Hotel	464.600	McLean Hilton
461.9625	Marriott Fairview Hotel (Falls Church)	464.925	McLean Hilton
461.6625	Marriott Fairview Hotel (Falls Church)	154.540	Old Colony Inn (Alexandria)
463.4625	Marriott Fairview Hotel (Falls Church)	151.955	Omni Shoreham Hotel
466.6125	Marriott Fairview Hotel (Falls Church)	464.575	Omni Shoreham Hotel
461.6375	Marriott Hotel	464.825	Omni Shoreham Hotel
464.6625	Marriott Hotel	464.875	Park Hyatt Washington
467.7625	Marriott Hotel	462.925	Park Hyatt Washington - Paging
468.3375	Marriott Hotel	464.700	Park Terrace Hotel
469.4875	Marriott Hotel	151.805	Quality Inn
461.575	Marriott Hotel	151.865	Quality Inn
462.750	Marriott Hotel	154.600	Quality Inn
463.375	Marriott Hotel	464.475	Quality Inn
464.125	Marriott Hotel	463.300	Radisson Mark Plaza (Alexandria)
464.375	Marriott Hotel	464.475	Radisson Mark Plaza (Alexandria)
464.575	Marriott Hotel	461.6875	Ramada Inn (Ballston)
464.975	Marriott Hotel (Alexandria)	461.7375	Ramada Inn (Ballston)
461.3875	Marriott Hotel (Bethesda)	154.540	Ramada Inn (Fairfax)
462.7625	Marriott Hotel (Bethesda)	154.570	Ramada Inn (Rockville)
467.8375	Marriott Hotel (Bethesda)	464.825	Ramada Inn Old Town(Alexandria)
464.375	Marriott Hotel (Bethesda)	154.540	Ramada Inn Seminary Road(Alexandria)
464.525	Marriott Hotel (Bethesda)	469.2875	Ramada Renaissance Hotel
464.875	Marriott Hotel (Bethesda)	461.100	Ramada Renaissance Hotel
461.1125	Marriott Hotel (Crystal City)	461.200	Ramada Renaissance Hotel
461.8625	Marriott Hotel (Crystal City)	157.740	Ramada Renaissance Techworld
461.9625	Marriott Hotel (Crystal City)	464.325	Ramada Renaissance Techworld
462.7625	Marriott Hotel (Crystal City)	464.775	Ramada Renaissance Techworld
464.0625	Marriott Hotel (Crystal City)	461.025	Ritz Carlton (McLean)
464.7375	Marriott Hotel (Crystal City)	461.175	Ritz Carlton (McLean)
464.9625	Marriott Hotel (Crystal City)	462.800	Ritz Carlton (McLean) - Paging
151.835	Marriott Hotel (Crystal City)	469.375	Rosslyn Wetspark Hotel (Arlington)
151.925	Marriott Hotel (Crystal City)	463.2375	Saint James Hotel
151.955	Marriott Hotel (Crystal City)	464.575	Sheraton Carlton Hotel
461.925	Marriott Hotel (Crystal City)		Sheraton Crystal City
464.825	Marriott Hotel (Crystal City)	462.8375	Sheraton National Hotel (Arlington)
462.1125	Marriott Keybridge Hotel (Arlington)	154.570	Sheraton National Hotel (Arlington)
466.6125	Marriott Keybridge Hotel (Arlington)	154.570	Sheraton Silver Spaings
463.900	Marriott Keybridge Hotel (Arlington)	461.1625	Sheraton Tysons Corner
464.425	Marriott Keybridge Hotel (Arlington)	462.8125	Sheraton Washington Hotel
464.575	Marriott Keybridge Hotel (Arlington)	463.5375	Sheraton Washington Hotel
464.675	Marriott Keybridge Hotel (Arlington)	151.775	Sheraton Washington Hotel
463.4125	Marriott National Airport Hotel	154.600	Sheraton Washington Hotel
464.9875	Marriott National Airport Hotel	464.575	Sheraton Washington Hotel
461.9625	Marriott Twin Bridges Hotel (Arlington)	464.7375	Sheraton Washington Hotel
462.1125	Marriott Twin Bridges Hotel (Arlington)	467.8750	Sheraton Washington Hotel
461.5125	Marriott Tysons Corner Hotel	151.805	Stouffers Hotel (Arlington)
462.0375	Marriott Tysons Corner Hotel	151.865	Stouffers Hotel (Arlington)
463.2125	Marriott Tysons Corner Hotel	464.775	Universal Hotel (Lanham)
469.0125	Marriott Tysons Corner Hotel	462.825	Universal Hotel (Lanham) - Paging
464.425	Marriott Tysons Corner Hotel	464.425	Vista International Hotel
463.6375	Marriott Tysons Comer Floter Marriott Washingtonian Hotel (Gaithersburg)	462.800	Vista International Hotel - Paging
464.975			
404.773	Marriott Washingtonian Hotel (Gaithersburg)	463.350	Washington Court Hotel

464.5125	Washington Hilton
151.715	Washington Hilton
464.325	Washington Hilton
464.375	Washington Hilton
464.5125	Washington Hilton
461.0875	Washington Marriott
464.325	Washington Marriott
464.675	Washington Marriott
465.000	Washington Marriott - Paging
151.655	Washington Plaza Hotel
463.425	Watergate Hotel
464.375	Watergate Hotel
462.825	Watergate Hotel - Paging
151.745	Watergate at Landmark (Alexandria)
151.955	Watergate at Landmark (Alexandria)
464.475	Westpark Hotel (Tysons Corner)