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May 5, 1997

Established 1984

AR8000 NEWS Hot of the Usenet

Date: Mon, 14 Apr 1997 12:31:22 -0400

Reply-To: Larry Van Horn <steditor@GROVE.NET>

Sender: Radio Scanner Discussion Forum
<SCAN-L@UAFSYSB.UARK.EDU>

From: Larry Van Horn <steditor@GROVE.NET>

Subject: FCC Pulls AR 8000 Certification

To: Multiple recipients of list SCAN-L
<SCAN-L@UAFSYSB.UARK.EDU>

We have finally confirmed this story that we have suspected for quite some time. What a shame. The FCC has revoked the certification of the AOR AR8000, and there will be no more until the cell-blocked version is designed, submitted to the FCC, and approved. That will take several months. All back orders are on hold indefinitely, to be eventually filled by the cell-blocked version. Just in case you are wondering why you haven't seen yours yet. We don't have a one in stock and I understand EDCO, the nationwide distributor, is also out. Sorta like the old saying, you snooze, you lose. Thank you Congress and Tom Wheeler for your great support of the scanning hobby (uh, I mean electronic stalkers). BTW-we are checking to see were the prosecution of our lovely Florida couple stands in the Gingrich cell phone intercept case. I'm not taking bets here folks. You and I both know that no one other than the hobbyist will be hurt on this deal. More as I have it.

Have a great SCAN-L day,

DE Warren, N2RAH

The Urban DX'er

The Urban DX'er is published
monthly through the
cooperative efforts of Bob
Kozlarek, WA2SQQ and
Charlie Hargrove, N2NOV

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E mail to wa2sqq@hili.com..

FDNY, Bureau of EMS

simulcasting on

483.2375	85.4hz tone
484.2375	85.4
484.4875	85.4

RE: NYPD "Buy and Bust Unit" News letter #4

No such unit, Buy and Bust
Operations are conducted by the
Narcotics Division of the
Organized Crime Control
Bureau. What it consists of is an
Undercover police officer (U/C)
going out and making a purchase
(Buy) and after leaving the
location (Set) he radios the
backup team, who move in and
make arrests (Bust). The freq.
listed are the old tactical freq.

used by Narcotics Division units, Public Moral Division units, etc.
virtually any OCCB units. The tactical frequencies have been
changed and

renamed by Letters/Names IE. "F" or Frank, etc.

The entire list will be in the new Scanner Master Pocket Guide, due
out in the fall (HA, HA!) but two of the old freqs are in use TAC G
473.6875 and TAC H 473.7125 these are the most popular ones
and a number of 485 freqs are in use.

RE: ED MURO:

Omaha 67 was on main Customs freq. of 165.2375R 100.0 Hz
Sector Two is the communications center.

NEW NYPD FREQUENCY INFO

Freq	Tone	
470.6375	136.5	Intelligence In clear/DES
471.1375	186.2	IAB In clear/DES
470.7625R	151.4	OCCB 1 In clear
471.0125	167.9	OCCB 2 In clear/ACD/ND
470.7375R	186.2	Detective 1 In clear
470.7125R	110.9	CW 2 In clear

165.2375 is the primary Customs

DEA PL 156.7 Hz

73 deWARREN

*Metro Fire Radio
DE KB2SGJ*

1. I usually listen on SPEN-1 and Bergen County Fire Mutual Aid
(154.28) , FDNY Citywide as well as the local FD freq. which
generally keeps me up to date. A buddy told me that he heard of the
Lodi fire on Metro Fire Radio (463.9mHz PL 203.5).

I've been listening to them for a couple of days now and it's a great
freq. but you really need to listen on a radio with CTCSS to filter
out the garbage. You get updates of all major activity (fires, major
mva's etc.) all over the Ny/NJ area. They're very professional and
sound like regular dispatchers. You guys probably already knew
about this. How come I've never heard it mentioned?

2. Found this posting to be very interesting. Apparently news media
folks who monitor their competitors freqs are in violation of ECPA
86, AND also the Communications Act of 1943

...No person having received any intercepted radio communication
... or use such communication (or any information therein
contained) for his own benefit or for the benefit of another....

Date: Thu, 1 May 1997 14:06:46 EDT

From: "Brian J. Cathcart" <scannerdude@JUNO.COM>

On Wed, 30 Apr 1997 10:58:04 -0400 Larry Van Horn
steditor@GROVE.NET writes:

You are not allowed to listen to the newsroom talk to reporters, etc on their 161/450/455 freqs. Go turn them off. That was sneaked into the act by the National Association of News Directors BTW.

Very interesting, since in almost EVERY news station you'll find a scanner tuned to the "competition". When I worked as an assignment editor and videographer, we had one scanner that was often locked onto our competition, but they used 153.110, which is not a standard "news" freq. The TV stations in Miami have scanners dedicated to monitoring other stations' communications, one of which has a voice-inversion scrambler they'll turn on occasionally (I guess they can through away the scrambler since it is illegal to listen, right?). I doubt you'll find a TV station without their competition's channels in their scanners.

A good thing to point out to reporters who blast scanner users - THEY are the ones breaking the law by monitoring their competition.

The Scanner Dude

Brian J. Cathcart - KE4PMJ

Florida Editor for THE SCANNER CLUB

Palm Beach County, FL Frequency Directory

<http://www.qsl.net/ke4pmj>

73de

John Griffin

JPGRUFF@WORLDNET.ATT.NET



Firemen Battle Blaze in Lodi

Lodi NJ Fire Activity

On the evening of April 17 I'd promised my wife's uncle that I'd take him for his quarterly checkup in Hackensack. Luckily, this night would find his office without the usual wait and we were in and out within twenty minutes. The route home is about a 10 minute ride, directly down Essex St through the towns of Hackensack, Lodi, Saddle Brook and Elmwood Park. To pass the time I was talking with N2RVM on 146.55. The weather was getting worse and the mist was turning into a strong blowing rain. Just after passing over RT.. 17 I noticed several police cars racing in my direction. Commenting to Rod, he replied that it's probably a fire at



12 Hours Later - Still Burning

the "wholesale place on 17." I asked if he was serious and he laughingly replied, no I'm just kidding! A minute or two had passed and I suggested he dial up Lodi and Saddle Brook fire as something big was going on. Within seconds Bergen County FD mutual aid was putting out a call for multiple towns to respond to National Wholesale Liquidators on RT. 17 and Essex St for a multiple alarm structure fire. Was Rod psychic or was it a lucky guess? Anyway, by this time I was within a few blocks of Rod's house and I didn't have to ask him if he wanted to check it out. Within minutes we were on the way and Rod was busy programming his FT-51 and my Kenwood 742. The 154 MHZ band was alive with Plectron alerts, media agencies came alive at 450-451 and 455-456, and the Bergen County Police system was going nonstop. As we approached about 1/4 mile from the scene we could see massive balls of fire rise about 100 feet above the collapsing structure, and the fire seemed to surge with each gust of wind and rain that was now falling.

Based on our swiftness in arriving on scene my antenna populated Toyota 4 Runner was mistaken for a volunteer fire vehicle and I was quickly directed through the barricade at Essex St and Rt. 17 - who was I to argue with a police officer! Closing in at 1 block from the fire scene it was time to come clean and tell the traffic people that I wasn't on their team and I only wanted to get out of here. That maneuver allowed me to park across the street with a ringside view. Umbrella and scanner in hand we joined the "locals" and witness one of the biggest and fastest spreading fires I can remember. The



Curious Onlookers

building was originally Model's (no connection to the sporting goods store), and later played home to Two Guys, Mr Good Buy and the current tenant, National Wholesale Liquidators. Structurally it was brick with the upper frame work and truss supported roof made of some very old wood. Given the wind outdoors the conditions were in favor of a rapid advancement throughout the 6 block long building. At a distance of 1 block the heat was intense enough for me to open my jacket and watch in awe! Rain soaked, Rod and I hung around for about an hour before we decided that there was more action to be had in the comfort of our shacks. John, KB2SGJ and I exchanged activity lists and proceeded to listen on till "O Dark Hundred." Bergen County Police were fairly active on 47.14, passing traffic with the NJ DOT. 450.4125



Arson Squad

and 450.8125 were constantly active with several news and traffic helicopters and news crews that were being dispatched. On the adjacent Rt. 80, NJ State Police had their hands full with dozens of accidents attributed to the rubber neckers watching the fire. Rt. 17 was closed for several hours as fire hoses had to be run across the highway from the adjacent Army reserve complex. The fire placed a huge demand on the local water supply which generated lots of activity with local water companies. All in all it was a very active night for scanner listeners. Though we don't look forward to these "events", we often find ourselves unprepared to take a front seat and join the action. My suggestions...keep your scanner charged and have an extra set of batteries on hand. Keep an inexpensive camera and an umbrella in the trunk. In a past life I enjoyed doing some freelance photography for the local newspapers. Being at the "right place" at the right time made me some nice spending money.

*AN INEXPENSIVE 800 MHZ ANTENNA
de KB2SGJ*

I've been trying to figure a way of improving 800 mHz reception in order to receive a few metro area trunked systems for some time now. Having recently picked up a bargain PRO-2026 for \$99. at the local "Shack", I decided to make this a dedicated 800 mHz radio and set out to target those elusive freq's. (Yeah yeah I know, the trunk tracker is coming and someday I may pick one up, but for \$99 it's hard to pass up and I can always find another use for it later).

Up until now, my reception of trunked systems from the Pascack Valley (Bergen County, NJ) has brought rather poor results with my Diamond discone.

I had been eyeing various commercial and amateur beam antennas as well as log periodics such as the CREATE CLP 5130 (too expensive!) and the Grove Scanner Beam which is nothing more than a vertically mounted TV antenna. So I thought, why not a UHF TV yagi? I picked up a 17 element lightweight model from Radio Shack (# 15-2160) along with 100 feet of RG-6 coax. The antenna assembles in minutes and after redrilling the mounting holes for vertical polarization and sealing the electrical connections, it was ready for the rooftop. It sits about 8 feet above my chimney and is fixed in a general southeasterly direction. Results? Well needless to say, I can now hear stations that were never heard before. I could adjust the direction for maximum gain but any further adjustments will be a tradeoff in reception between my three main groups of interest (NJ State Police, NYC trunked system and Port Authority P.D.). A rotor is always a possible add-on for the future.

I'd be interested in hearing from others about their 800 mHz antennas and reception improvement techniques. Good hunting and 73.

John Griffin KB2SGJ
JPGRIF@WORLDNET.ATT.NET

Comments de Eddie Muro

Net People:

Attached is a forwarded message I received from my friend Tom Swisher. When I last saw him he supplied me with a file map for the NJSP system, this is some additional info.

The Trunk Tracker is out!! I saw S/N 75000034 today. Tom received his a couple days ago. Works great! Where's mine????? :)

Well, it's not exactly out. The one I've got (the S/N mentioned) at the moment is a demo model. If more arrive in time for Hamvention I get to keep it. Of course, I'm going to grab the first one I can lay my hands on and ship it to you.

BTW, for the NJ Type I system, you'll probably have to program your own fleet map as follows:

- Block 0 = Size code S12
- Block 1 = n/a
- Block 2 = Size code S12
- Block 3 = n/a
- Block 4 = Size code S12
- Block 5 = n/a
- Block 6 = Size code S0
- Block 7 = Size code S0

You could also try:

- Block 0 = Size code S4
- Block 1 = Size code S4
- Block 2 = Size code S4

- Block 3 = Size code S4
- Block 4 = Size code S4
- Block 5 = Size code S4
- Block 6 = Size code S0
- Block 7 = Size code S0

These (especially the first one) should allow you to have the entire system (both Type I and II IDs) for a given area programmed in (it'll be more clear once you get your radio and have read the manual, especially the Appendix). If these don't work you'll have to monkey around with the fleet map programming, but they should do the trick, judging by what I can see on that list I gave you.
Tom

Eddie also passed along this URL which I mentioned on the net. "Jim" seems to be offering what he calls a Wireless Protocol Analyzer. This "device" seems to be a universal decoder that can be interfaced to scanners to follow trunking systems. At this point, all I can say is check the page out, check out all the links and contact "Jim" for more info. This could be an interesting product to follow!

<http://www.dallas.net/~jvpoll/trunk/trunk.html>

De N2OWI, Bob Sanford

1. New EMS Dispatch System Running Well as of 4/28/97
The new Emergency Medical Service dispatch system is now underway. It started earlier this morning, and the agency says, so far, things are going smoothly. It adds the system even seems to speed-up response time. Ambulances are now rezoned in boundaries to coincide with fire battalions. They used to be grouped into sectors throughout the city.

2. I just heard Omaha on 126.050 don't know if that means anything is happening on that Jersey frequency, they were requesting to land at the 34th street heliport for fuel.

Here is link you might want to add to the Newsletter although most of the good stuff is censored it is still an interesting site dealing with the California Highway Patrol Dispatch Centers

<http://cad.chp.ca.gov/>

73 de "Robert W. Sanford" <rsanford@pipeline.com>

De Bill, N2YQC

1. Hi Scanner People, found a very interesting site where you can look up freqs and call letters...but had no luck in using it, maybe it has to be done during working hours.

<http://www.dlnet.com/fcclook.htm>

2. Hello All, here are some more interesting web sites:

<http://www.snm.com/~wlhadley/Monitor/Articles/govt.html>

<http://www.snm.com/~wlhadley/Monitor/>

<http://w5gb.nmsu.edu/kc5kto/mods.html>

<http://www.li.net/~j4dice/links.html>

Happy Scanning, Bill / N2YQC

Dots & Dashes

Here's a handy list of all those "public" frequencies often used at malls, state fairs and other places.

Itinerant Frequencies

Business	Special Industrial
27.490	43.040
35.040	151.505
151.625	158.400
464.500/469.500	451.800/456.800
464.550/469.550	

Itinerant frequencies are licensed for use at unspecified locations for varying amounts of time. Licensees may use full power bases, repeaters, and mobiles; however, there are restrictions on the height of the base antenna.

Low-Power Frequencies

(Business band - 2 watts

VHF	UHF
27.510	457.525
27.530	457.550
30.840	457.575
33.120 *	457.550
33.140	457.575
33.400	457.600
35.020	467.750
42.980	467.775
154.570	467.800
154.600	467.825
	467.850

1/2 watt 467.875

467.900
467.925

Low-power business-band frequencies are licensed for radio use within a certain area. All stations are licensed as mobile, with usual maximum power at 2 watts. If the station is functioning as a base, the antenna must be within 25 feet of the control point.

Dot/Star Frequencies

151.625	Red Dot (itinerant)
151.955	Purple Dot
154.570	Blue Dot (1p)
154.600	Green Dot (1p)
462.575	White Dot (GMRS)
462.625	Black Dot (GMRS)
462.675	Orange Dot (GMRS)
464.500	Brown Dot (itinerant)
464.550	Yellow Dot (itinerant)
467.7625	J Dot (1p)
467.8125	K Dot (1p)
467.850	Silver Star (1p)
467.875	Gold Star (1p)
467.900	Red Star (1p)
467.925	Blue Star (1p)

These are probably the most used (and abused) business band frequencies in the spectrum. The equipment is cheap and readily available at a variety of places. Equipment users are supposed to be licensed, but most people don't bother. Everybody from McDonalds to police surveillance has been reported using these frequencies.

NOAA Weather Radio Listings (US)
 @ http://www.intac.com/~mherson/wx_state.html

New York Metro Area

162.475 WXL37 Highland (Kingston) {Albany, NY} [Illinois Mountain - WPDH/WEOK Radio Tower-1kw]

162.550 WXL34 New Scotland (Albany) {Albany, NY} [Helderberger Escarpment; 1000w]

162.550 KWO35 New York City {Manorville, NY} [Rockefeller Center; simulcast with WXM80;500w]

162.475 WXM80 Riverhead {Manorville, NY} [Simulcast with KWO35; 1000w]

New Jersey

162.400 KHB38 Atlantic City {Mount Holly, NJ} [Simulcast with WXJ94; 500w]

GOODYEAR BLIMP FREQUENCIES

Here are a few frequencies you might want to monitor if you ever see one of the Goodyear Blimps fly overhead. A couple quick notes first, there are three Blimps in operation in North America a fourth is operated in Europe.

The American blimps are stationed at three locations, one on each coast and one in-between.

**The Enterprise*, tail number N1A, is based in Pompano Beach, Florida.

**The America*, tail number N3A, is based near Houston, Texas.

**The Columbia*, tail number N4A, is based in Los Angeles.

Each blimp is accompanied by a three vehicle ground fleet consisting of a van, a tractor-trailer, and a Greyhound-like bus. The communications between the blimp and ground crew are normally held on **151.625 MHZ**. The blimp also uses VHF aircraft band, communications can be monitored here at **132.00 MHZ**. AM. Below is a list of other frequencies used by the blimp.

(Editors Note) In all the years of listening to the Goodyear Blimps, I've never heard any activity in 132.00 MHZ. In fact, I'm one of the few people I know that actually has a QSL card from the Blimp - yes, Goodyear will verify reports with an informative letter and pamphlet on their blimp operations!

123.050	Common Blimp port frequency
123.250	Suffield (Ohio) Wingfoot Lake Facility
132.000	Goodyear Tire & Rubber Company channel
151.625	Blimp Operations NBFM
465.9125	Blimp Operations NBFM - Low Power
465.9375	Blimp Operations NBFM - Low Power
465.9625	Blimp Operations NBFM - Low Power

CIVIL AIR PATROL HOME PAGE

<http://www.cap.af.mil/es/dok/rptloc.html>
 Ever heard "zig zag" operating just above the 2 meter band? If you have, you were listening to the local Civil Air Patrol groups. They spring to life every time there the report of a downed plane, many of which turn out to be a malfunctioning ELT.

(Frequencies are listed as input / output)

NEW JERSEY

FREEHOLD, NJ	DIGIPEATER	149.895/149.895
HAMMONTON, NJ	REPEATER	143.75/148.125
HIMMONTON, NJ	DIGIPEATER	149.895/149.895
LAKEHURST, NJ	DIGIPEATER	149.895/149.895
LAKEHURST, NJ	REPEATER	143.75/148.125
LEDGEWOOD, NJ	DIGIPEATER	149.895/149.895
LEDGEWOOD, NJ	REPEATER	143.75/148.125
MCGUIRE, NJ	DIGIPEATER	149.895/149.895
ROSELLE, NJ	DIGIPEATER	149.895/149.895

New York

ARMONK, NY	DIGIPEATER	149.895/149.895
BEACON, NY	DIGIPEATER	149.895/149.895
NEW YORK CITY, NY	DIGIPEATER	149.895/149.895
POUGHKEEPSIE, NY	DIGIPEATER	149.895/149.895
POUGHQUAG, NY	DIGIPEATER	149.895/149.895
ROSLYN, NY	DIGIPEATER	149.895/149.895
ROSYLN, NY	REPEATER	143.90/148.15
VALHALLA, NY	DIGIPEATER	149.895/149.895
WHITE PLAINS, NY	DIGIPEATER	149.895/149.895
WHITE PLAINS, NY	DIGIPEATER	149.895/149.895
YAPANK, NY	REPEATER	143.90/148.15

NRC RADIO LOGS

The National Radio Club NRC AM Radio Log for the 1996-1997 DX Season. This is the Seventeenth edition and has been updated through September 1996. This annual edition contains 312 pages, 8 1/2" x 11" size, 3-hole punched, loose leaf format with over 5,500 A.M. Radio station listings from the United States and Canada. Each station listing consists of its location, frequency, call, format, network affiliation, station address, station slogan, day and night transmitter powers. There are cross references by city and by call letter.

The nonmember prices of the AM Radio Log are as follows:
 NRC & IRCA Members see your magazines for the member prices!

■5 May, 1997

The Urban DX'er

U.S. & Canada US \$22.95, Latin America US \$23.50,
Europe US \$24.00, All Others US \$28.00

Orders may be placed now. The 1997 Seventeenth edition of the
NRC AM RADIO LOG ready and being shipped at this time.

Please mail all orders to: National Radio Club, Publications
Center, P.O. Box 164, Mannsville, NY 13661-0164

An Interesting Cellular URL de N2RVM

<http://www.t8000.com/eci/eci.htm#cellular>

Listeners Shack of the Month!

And finally, this months shack of the month belongs to Bob
Sanford, N2OWI . Quite impressive by any standards! Listeners and
readers are always invited to send us a picture of your shack or
listening post. All pictures will be promptly returned.



N2OWI Shack

Bob also sends along an interesting photo of the NYPD at work
writing tickets on their nifty 4 wheel all terrain vehicles. Not a bad
way to spend a day in Central Park!



NYPD go 4 Wheeling!