

W9DXCC

DX UNIVERSITY and NIDXA PERESENT

DX'ing FROM the BLACK HOLE 2

SESSION THREE

STATION SOFTWARE and
DX INFORMATION



DX'ing from the Black Hole



Station Software and DX Information

Introduction

In this session, we assume that you are using a computer in conjunction with your ham radio activities. Although Apple versions of some software may be available, this session will cover software designed for Microsoft Windows.

Although it is ideal to have your station computer interfaced to your transceiver, it is not necessary to do so to obtain some of the benefits of the software that will be discussed in this session.

By utilizing the many software tools included in this session, you can optimize your operating skills and level the playing field with stations that rely solely on big antennas, tall towers and high power to work the rare ones.



DX'ing from the Black Hole



Station Software and DX Information

What we will cover today

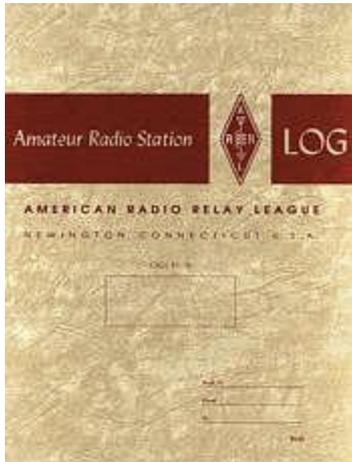
- Computer Logging
- Other Station Software
- Internet Logging
- Internet DX tools
- How do I use all this information to compete with the big guns?



DX'ing from the Black Hole



Why Computer Logging?



Your paper logbook still works – just don't misplace it, burn it and spill anything on it. If you have to find a certain QSO from several years ago, be sure you have a big pot of coffee available – it will take some time to find anything.

Today's computer logging programs do so much more than simply log contacts. If you are going to be a DX-er, you need computer logging. You will make fewer errors and enjoy the hobby to its fullest. The software that is available is incredibly flexible and some of the best programs are free – there is literally no excuse to not use computer logging.



DX'ing from the Black Hole



Example of Computer Logging Program

DX4Win

K9EL sorted by Date

QSO Sort Filter QSLs LoTW eQSL Window Reports Rotator

Kingman Reef OC096: 272° 5,682Mi

Callsign Prefix Date Time Mode Band
 KH5K/K9AJ KH5K 04/29/1988 00:00 CW 160m

rstS rstR Recvd Zone State County Grid
 599 599 31

Name QTH QSL Mgr

IOTA IOTAIsland Freq (kHz) Group
 OC096 -- 0

Notes for this QSO Sat Name Sat Mode

Notes for this Call QRP YLop
 N N

Label QSL Date Cnfm Method
 N 04/29/1988 Y Buro

Report: LogBook sorted by Date

Date	Time	Band	Mode	Callsign	QSL Mthd	QSL Mgr	QSL Date
01/08/1980	00:07	15m	SSB	KH5K/WA2FIJ	Buro	W2IJ	01/08/1980
04/25/1988	00:02	15m	CW	KH5K/K9AJ	Buro		04/25/1988
04/27/1988	00:04	80m	CW	KH5K/K9AJ	Buro		04/27/1988
04/27/1988	00:06	20m	SSB	KH5K/K9AJ	Buro		04/27/1988
04/28/1988	00:01	20m	CW	KH5K/K9AJ	Buro		04/28/1988
04/29/1988	00:00	160m	CW	KH5K/K9AJ	Buro		04/29/1988
04/29/1988	00:01	40m	CW	KH5K/K9AJ	Buro		04/29/1988
03/11/1993	12:17	40m	CW	KH5K/N9NS	Buro		
03/12/1993	01:55	17m	CW	KH5K/N9NS	Buro		03/12/1993
03/12/1993	11:49	30m	CW	KH5K/N9NS	Buro		03/12/1993
03/13/1993	18:06	12m	SSB	KH5K/N9NS	Buro		03/13/1993
03/13/1993	21:12	10m	SSB	KH5K/N9NS	Buro		03/13/1993
03/14/1993	01:02	17m	SSB	KH5K/N9NS	Buro		03/14/1993
10/29/2000	22:23	10m	CW	K5K	Direct	K4TSJ	12/17/2000
10/30/2000	00:41	12m	CW	K5K	Direct	K4TSJ	12/17/2000
10/30/2000	01:51	10m	SSB	K5K	Buro	K4TSJ	
10/30/2000	12:05	40m	SSB	K5K	Direct	K4TSJ	12/17/2000
10/30/2000	12:09	80m	SSB	K5K	Direct	K4TSJ	12/17/2000

KH5K/K9AJ

Date	Time	Band	Mode	Conf	QSLDate	Groupnam
04/29/1988	00:01	40m	CW	Y N N	04/29/1988	
04/29/1988	00:00	160m	CW	Y N N	04/29/1988	
04/28/1988	00:01	20m	CW	Y N N	04/28/1988	
04/27/1988	00:06	20m	SSB	Y N N	04/27/1988	
04/27/1988	00:04	80m	CW	Y N N	04/27/1988	
04/25/1988	00:02	15m	CW	Y N N	04/25/1988	

KH5K Kingman Reef

	160	80	40	30	20	17	15	12	10	6
PHO		C	C		C	C	C	C	C	
CW	C	C	C	C	C	C	C	C	C	
DIG										

WAZ 31

	160	80	40	30	20	17	15	12	10	6
PHO	C	C	C		C	C	C	C	C	
CW	C	C	C	C	C	C	C	C	C	
DIG			L	L	L	L	C	C	C	

Info: OC096

Heading Long Path Reciprocal
 272° 92° 52°

Sun Rise Sun Set
 Local 10:09 00:19
 DX 16:43 05:07



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Some popular computer logging programs

LOGic™

\$100



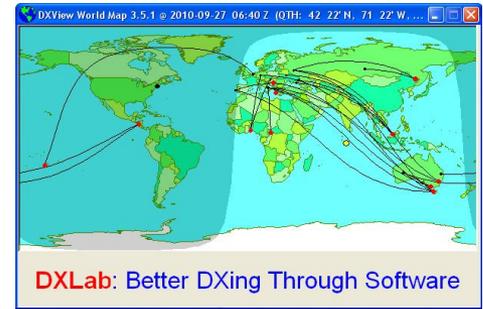
\$129



\$60



FREE



FREE



FREE



\$90



\$60



\$75



Each of these programs will record all of your QSO information and interface to your radio for a truly electronic logbook. Each program performs those tasks differently and vary in price from FREE to \$129. Most of them go beyond just logging and many will handle reporting, QSLing, digital modes, maps, DX Cluster, LOTW, remote station control, and many other capabilities. Some are updated on a regular basis and some are subscription based. eham.net lists over 100 logging programs!



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How do I choose a logging program?

Ask 10 hams to say which logging program is the best and you will likely get 10 different responses!

Even the paid programs allow free demos, so trying before you buy is quite easy. Here's what to consider when looking for a logging program:

- 1. Features - Make a list of your "must-have" features and immediately eliminate any programs that do not include your must-haves.*
- 2. Updates - Do you change equipment and software often? Or do you hold onto everything for years. Check which programs are updated regularly – and if fees are required for the updates.*
- 3. Support - Check the Support capabilities. The Yahoo groups are nice, but nothing beats being able to communicate directly with the author.*
- 4. Commitment - Are you planning to hold onto the software once you learn it? Is the author in business for the long haul or was it just a pet project?*
- 5. Price – Are you willing to pay for your software – and possible annual updates? Or do you want to try some of the free offerings.*



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Logging program features to consider

Basic logging

- Record callsign, operator name, country, zone, time, mode, RS(T), date and band of QSO
- Additional info including state, county, grid, IOTA, actual frequency (including split)

Real time information to be supplied when a callsign is first entered

- Country name, prefix and CQ zone is immediately displayed
- Any previous contacts plus operators name
- Current award status for that country/zone – is it a new one? DXCC? WAZ? WPX? Mode?
- Status of QSLing for that station – did I send a QSL? How? QSL received? When?
- Map showing distance and day/night divider

Internet Interface

- Display all spots from PacketCluster sites – countries or zones needed should be highlighted
- Post DX spots to the Internet for DX stations you hear
- Automatically look up station's Name, QTH, Address, QSL Manager and other info

Control devices connected to the computer

- Radio interface allows automatic recording of Frequency, band, mode info
- Rotator interface allows automatic positioning of directional antennas based on callsign
- Frequency interface allows automatic tuning of amplifiers and antennas
- Use computer keyboard to send CW, PSK, RTTY, etc and decode on monitor



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Protect your data!!

Every computer hard drive will fail – at some point in time. You MUST have a plan for multiple, regular backups. Logging programs may use a single file or multiple files – find out what files need to be backed up. Most logging programs offer some form of backup, but it is usually on the same hard drive. Backup your data weekly to an external hard drive or network drive, AND backup daily to a USB stick. The backup software that comes with Windows XP and later will work just fine for this purpose.

Update your software and databases!!

The best logging software is only as good as its database. Prefix assignments change regularly, so new callsigns are always appearing. Besides the main data records of your actual contacts and QSLing, most logging programs have separate files for country databases, IOTA database, prefixes, QSL managers, awards, etc. etc. It is crucial to keep your databases accurate and up to date.

And ALWAYS run the latest version of your logging program as well to pick up new features and bug fixes.



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Other Station Software

DX PACKET SPOTS – The second most important piece of software for the DX-er is a program to receive DX packet spots. Almost every modern logging program includes DX spot software and can also check those DX spots against your logbook database for needed countries, zones, IOTA, or whatever award you are chasing. However, for maximum flexibility many DXers use a standalone DX spots program that integrates with most logging programs. CC User by VE7CC (<http://www.ve7cc.net/>) has more flexibility and options to control and filter DX spots than most logging programs.

*RADIO CONTROL – If you use your radio locally, i.e., next to your computer, all the logging programs will properly read band and mode data directly from your radio and enter it into your log. To save valuable time when a needed DX station appears, your radio can be automatically set to the right frequency and mode just by clicking on the DX spot. If you are going to operate remote, or want to control every aspect of your radio via the computer, there are programs such as HRD (Ham Radio Deluxe) that can do this, but most manufacturers provide free software to control their radios. Serial port sharing software exists that allow both a radio control program and a logging program to access the same serial port at the same time.
(<http://www.eterlogic.com/Products.VSPE.html>)*



DX'ing from the Black Hole



Other Station Software, con't

COMPUTER MODES – The variety and type of programs available make it impossible to list everything here. If you are interested in primarily one specific mode – say SSTV – then it is best to obtain a specialized SSTV program such as MMSSTV - <http://hamsoft.ca/pages/mmsstv.php>. Paul, K9NU, will cover digital dx-ing in the next section, but one of the more popular programs for RTTY is MMTTY - <http://hamsoft.ca/pages/mmtty.php>. Many of the logging programs actually utilize MMTTY to provide some RTTY capability. For digital modes such as PSK, there are many programs available. One of the most popular programs for digital operation is fldigi: <http://www.w1hkj.com/Fldigi.html>.

STATION CONTROL – Besides controlling your transceiver, you can also integrate your amplifier and rotator into the computer. Clicking on a DX spot can tune your amplifier and rotate your antenna to the correct beam heading! Perhaps you prefer to send CW from your keyboard or want to utilize a series of pre-recorded voice messages – all are possible with your computer.



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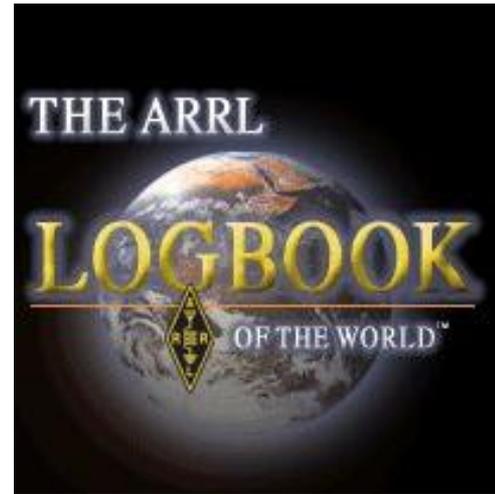


Internet Logging



Clublog is not a real time logging system, but a service that collects and stores logging information from anyone who uploads their log data. Clublog usage is free and offers a very large array of features and capability, most notably DX leaderboards and OQRS. OQRS was covered in QSLing session.

For details, go to www.clublog.org



LOTW is more than an online logging system and is run by the ARRL. LOTW details were covered in the QSLing session.

For details, go to:

<https://p1k.arrl.org/lotwuser/default>

Both of these online log tools can help you work DX – they are not just for logging and QSLing.



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Internet DX Tools

There is an incredible amount of resources available online to DX-ers, and it would be impossible to review or even mention them all. Today we will review a few of them that are readily available and very useful to North American DX-ers.

The Sites we will cover today include:

DX Spot Archive - <http://www.dxsummit.fi/Search.aspx>

Skimmers – <http://www.reversebeacon.net/main.php>

DX Maps - <http://www.dxmaps.com/spots/map.php>

ClubLog - <https://secure.clublog.org/about.php>

Daily DX - <http://www.dailydx.com/>

DX World - <http://dx-world.net/>

QRZ – <http://www.qrz.com/>

Online Logs - <http://dx.qsl.net/logs/>

NG3K - <http://www.ng3k.com/>

DX Zone - http://www.dxzone.com/catalog/DX_Resources/



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DX Spot Archive

DX Spot Archive – Spot scrolled off your screen? Can't remember what time the DX was active? Search the DX Spot archive. This is one of the very best tools you must have in your DX arsenal. Here is a screen shot and some explanations:

If you know the callsign you are looking for, enter it here and select the "DX Call" button.

If you only have a partial call, enter the call in the Search box, but select "Any Column"

SPOT DATABASE SEARCH

Search string:

Year:

Mode:

Search: DX Call Any column

Band:

Number of spots:

Selecting the current year will actually search all years. If you select a previous year, only that year's spots will be shown.

You can also filter by CW, Phone or Digital to further narrow your search.

Once all your filters are set, click on the search button.

You can select any band between 137 KHz and 10GHz or select "ALL" if you are not sure what band the DX was on.

You can select from 25 to 10,000 spots. Obviously the higher the number you select, the longer the search will take.



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DX Spot Archive Typical Output

» SPOT DATABASE SEARCH

Search string: Search: DX Call Any column

Year: Band:

Mode: Number of spots:

KE4WBO	1828.0	FS/K9EL	tu John 73, up 1	0345	28	Nov	St. Martin
W2IRT	1828.0	FS/K9EL	QSX 1829.05	0332	28	Nov	St. Martin
VE3CV	1828.0	FS/K9EL	Up 1	0324	28	Nov	St. Martin
K9CT	1828.0	FS/K9EL	QSX 1829.00	0318	28	Nov	St. Martin
N4SC-@	1825.9	FS/K9EL	John, QSX 1.827 hvy QSB & weak sig	0443	27	Nov	St. Martin
W6RL	1826.0	FS/K9EL	1.827.00	0421	27	Nov	St. Martin
W3LPL	1826.0	FS/K9EL		0414	27	Nov	St. Martin
VA3CDX	1826.0	FS/K9EL	listen 1827	0350	27	Nov	St. Martin
VA3CDX	1826.0	FS/K9EL	QRX 5 minutes	0334	27	Nov	St. Martin
K9QVB	1826.1	FS/K9EL	up 1	0318	27	Nov	St. Martin
W3LPL	1826.0	FS/K9EL		0310	27	Nov	St. Martin
VA3MW	1826.0	FS/K9EL	QSX 1827.1	0259	27	Nov	St. Martin
KB0EO	1825.9	FS/K9EL	Up 1+ he finally came up :-)	0255	27	Nov	St. Martin
AA9A	1826.0	FS/K9EL	up	0223	27	Nov	St. Martin
WS9V	1826.0	FS/K9EL	up 1	0217	27	Nov	St. Martin
W3LPL	1826.0	FS/K9EL		0207	27	Nov	St. Martin
VA3CDX	1829.0	FS/K9EL	Tnx report from MA	0350	26	Nov	St. Martin
K3FGO	1829.1	FS/K9EL	John, Nice sigs in MA	0349	26	Nov	St. Martin
VA3CDX	1829.0	FS/K9EL	CQ CQ	0342	26	Nov	St. Martin
VA3CDX	1827.9	FS/K9EL	up 1	0417	23	Nov	St. Martin
W3LPL	1827.9	FS/K9EL		0404	23	Nov	St. Martin
W8UVZ	1828.0	FS/K9EL	CQ	0403	23	Nov	St. Martin
F5NTV	1822.0	FS/K9EL	PSE 160M !!!	0257	23	Nov	St. Martin
K5VIP	1830.0	FS/K9EL		0213	23	Nov	St. Martin
WK3N-@	1829.0	FS/K9EL	freq correction Sri	0200	23	Nov	St. Martin
W4TUN	1829.0	FS/K9EL	tnx for band number 3!!!!	0150	23	Nov	St. Martin
W1RM	1829.0	FS/K9EL	QSX 1830.00	0137	23	Nov	St. Martin

Conclusion:
0200-0400Z is the
best time to work
FS/K9EL on 160M
and he is usually
near 1829 KHz



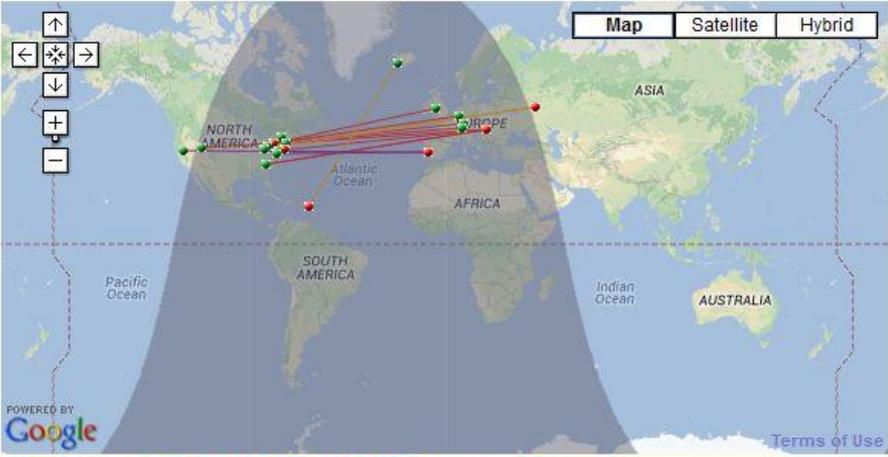
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Skimmers

REVERSE BEACON NETWORK
SSM

[welcome](#) | [main](#) | [dx spots](#) | [skimmers](#) | [downloads](#) | [about](#) | [contact us](#)



Map | Satellite | Hybrid

POWERED BY Google

world wide / zoom to US / zoom to Europe / zoom to North Atlantic

show/hide my last filters

no filter selected, showing all spots rows to show: 15

search spot by callsign

de	dx	freq	cq/dx	snr	speed	time
NC7J	N2EEX	10115.5	CW CQ	18 dB	15 wpm	0224z 22 Aug
GW8IZR	N2EEX	10115.5	CW CQ	8 dB	15 wpm	0224z 22 Aug
W4KKN	CT1EDJ	14034.1	CW CQ	33 dB	14 wpm	0224z 22 Aug
N7TR	CT1EDJ	14034.0	CW CQ	9 dB	14 wpm	0224z 22 Aug
TF3Y	V44KAI	7003.0	CW CQ [LoTW]	7 dB	39 wpm	0224z 22 Aug
DL1EMY	N2EEX	10115.5	CW CQ	15 dB	16 wpm	0224z 22 Aug
K8ND	RW6FS	7005.3	CW CQ	11 dB	31 wpm	0224z 22 Aug
W4DJW	HA2NEP	10118.0	CW CQ	14 dB	21 wpm	0224z 22 Aug
W4DJW	HA2NEP	10118.0	CW CQ	15 dB	21 wpm	0224z 22 Aug
NY3A	HA2NEP	10118.0	CW CQ	12 dB	21 wpm	0224z 22 Aug
KQ8M	RW6FS	7005.3	CW CQ	11 dB	31 wpm	0224z 22 Aug

options:
show/hide

news
RBN blog: stay tuned!

we have 90 skimmers online
we have 154 visitors online

skimmers online:

- SB4AGN - 30m,40m
- AA4VV - 20m,30m,40m,160m
- AB1HL - 20m,30m,40m,17m
- BA5CW - 20m
- DF7GB - 20m,30m,40m
- DH4FAJ -
- DK0TE - 20m,30m,40m,160m
- DK8NE -
- DK9IP - 20m,30m,40m,160m
- DL1EMY - 20m,30m,60m,40m,160m
- DL2CC -
- DL3KR - 40m
- DL8LAS - 20m,40m,60m,160m
- DL9GTB - 20m,30m,40m
- DN4FAJ -
- DQ8Z - 20m,30m,40m
- EA4TX - 20m,40m
- EA6VQ -
- EI6BT - 20m,40m,160m
- EI6IZ - 20m,30m,40m,160m
- F4DXW - 20m
- F5MUX - 20m
- F5VLY - 30m
- G4IRN -
- G8BCG -
- GW8IZR - 30m,40m,160m
- HA1VHF -
- HA6PX - 30m,40m,6m,160m
- HB9DCO - 20m,30m,40m,160m
- IK0XBX -
- IK3STG - 20m,40m,160m
- JA1LZR - 30m,40m

Skimmers – automated receivers that scan an entire band, decode the CW signals and publish the results. You can build your own skimmer using software from VE3NEA, or use the incredible online resources of the Reverse Beacon Network. How can you beat 90 receivers online worldwide?

Here is a sample output, but results can be filtered by band. Try it out! Call CQ and watch your callsign appear – you may be surprised how many places are receiving your signal!



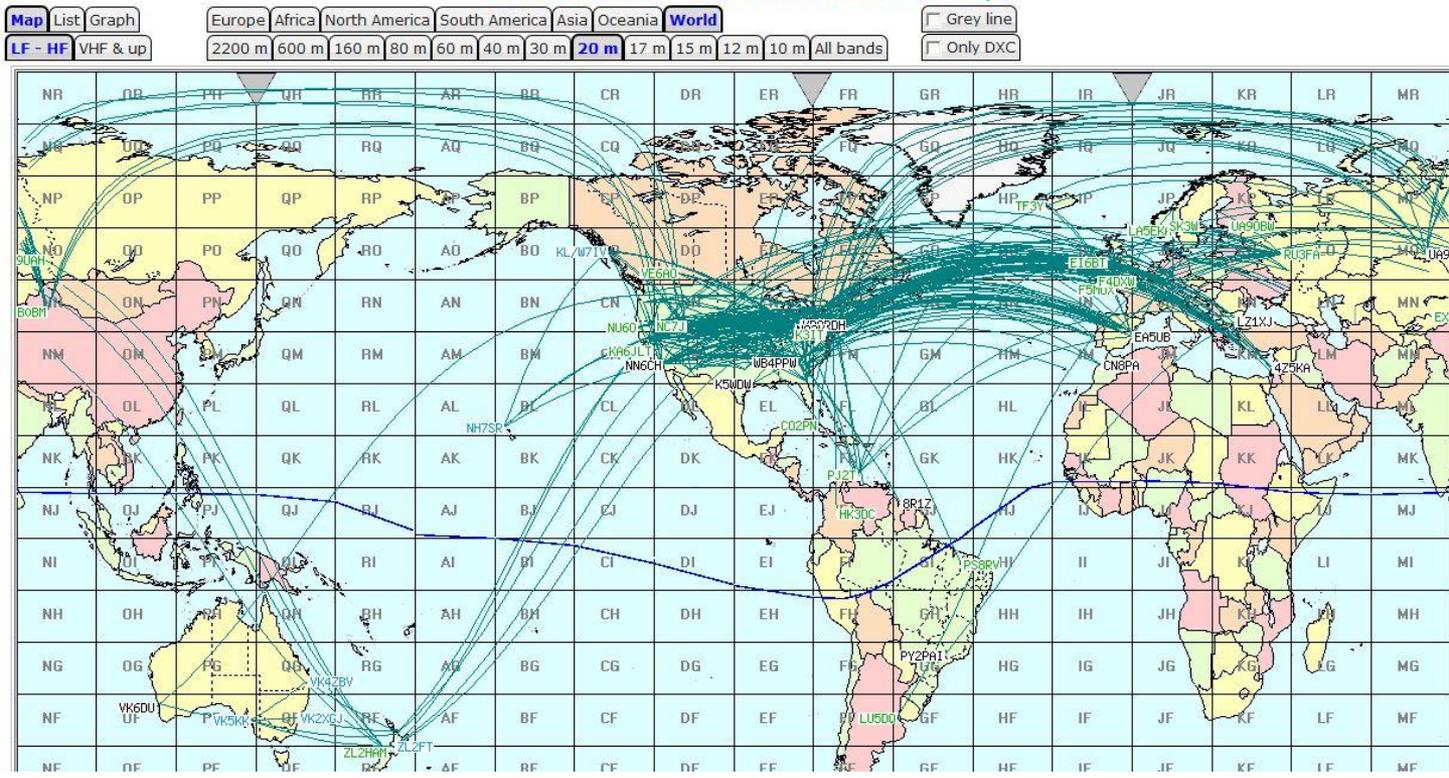
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DX Maps

Did you ever think about taking all those DX spots on the packet cluster and plotting them on a world map? Well, don't bother as it has already been done. The DX Maps website can show you instantly stations that are active and where the propagation is occurring. You can filter by band and by region, so it is a very powerful tool.

DXMAPS 2.5 - QSO/SWL real time maps



This is 20M at 0230Z on 21 Aug – great time to work EU or Russia, but clearly the band is not to South America or Japan



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Club Log

Club Log is a free website that hosts a database of logs uploaded by anyone who chooses to do so. It has become very popular and recently received external funding. There are many, many useful tools for the active DX-er.



Home | About | Settings | Upload | Donate | Expeditions | Help

← Main Menu

- Your Log
- DXCC Charts
- Timelines
- QSL Charts
- Zone Charts
- Log Inspector
- Log Matching
- League Tables
- DXCC Leagues
- Zone Leagues
- Club Leagues
- CDXC Challenges
- Super League
- Uniques League
- Club Log tools
- DX Cluster
- Log Search
- Call Tester
- Most Wanted
- DXCC Analysis
- Propagation
- Great Circle Maps

Analyze your log →

Compare your activity →

Logbook checks, DX Cluster, DX tools →

You are logged in as **k9el@comcast.net (FS/K9EL)** [Logout](#)

Please use the menus to update your account, upload logs or review your tables.

Club Log has a [Google groups reflector](#) where you can ask questions, discuss DXCC information and suggest ideas. Other help is available in the [Wiki documentation](#). You can ask for help from the volunteer team by using the [helpdesk](#).



Reminder: The month of September is the annual CDXC HF Challenge. You can participate by [joining the contest here](#).

Latest callsigns to join Club Log

A warm welcome to the following new users.

- PU2KAY - Daniel Oliano de Oliveira
- EI3HBB - Chris Lawlee
- VK2AET - Scott Smith
- 2E0CRV - Simon Hodder
- K4ABS - BILLY GENE BROACH
- WB5R - Gerry Grant
- CT2JMR - Jorge Ruivo
- BX8AAH - Chi Cheung Wu
- 4Z5ML - Alexandr
- CT2GOY - Jose Luis California
- W3WMU - JEFF WALSH
- JH1LPF - Satoshi Aoki
- PU2WVF - Evandro Mendes
- IK8RJS - Antonio Salvatore
- N9NAP - CHARLES FERREE JR
- DO4JBP - Joerg Boddeusch
- AA5TB - Steve Yates
- KB1WXM - Bob Henneberger
- UA8ACH - Aleksey Linnik
- K4TRH - Jack Frazier

Most active callsigns

For QSOs logged in the period 2013-08-09 to 2013-08-23

Callsign	DXCCs	QSOs
 MD0CCE	127	1,771
 K0XB	120	335
 R3GMT	118	628
 RW4NJ	115	1,599
 JH0INP	115	639
 OH7KB	98	191
 EA8TL	97	1,174
 RA3MD	96	1,484
 E44PM	94	6,209
 XZ1Z	89	2,313

← Most active callsigns



DX'ing from the Black Hole



Club Log – Leaderboard Sample



FS/K9EL

Log is updated daily

Beam heading: 0° SR/SS: 09:55Z / 22:34Z Last QSO in database: 2013-06-28 22:39:55

Main Menu →

- Map
- Statistics
- Leaderboards
- Spots
- Geo Propagation **NEW**
- Soapbox

K9NB

K9NB has worked FS/K9EL on 23 out of 27 band slots

Propagation suggestions for FS/K9EL from UNITED STATES OF AMERICA (Z4) or from CQ zone 4 or show on Geo Propagation Map

Leaderboard stations in CQ zone 4 or UNITED STATES OF AMERICA (Z4) or in NA or in Club: NIDXA - Northern Illinois DX Association

Band-Mode checklist →

	6m	10m	12m	15m	17m	20m	30m	40m	60m	80m	160m
PH	✓	✓	✓	✓	✓	✓		✓	✓	✓	
CW	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
RTTY		✓	✓	✓	✓	✓	✓	✓		✓	✓

Your search has been made possible thanks to a donation made by PT9ZE JOSE ALFREDO BUAINAIN.

Embed this tool in your site

15194 searches. Completed your search in 0.302s.

Leading Band/Slot Stations

1	WK3N	26	21	W7DN	13	41	DL3GD	11	61	N4FW	10	81	KB8VAO	9
2	K9NB	23	22	K9RJ	12	42	A65CA	11	62	W9AV	10	82	NI3K	9
3	EA1DR	18	23	DL5YEE	12	43	W3YX	10	63	CT1AOZ	10	83	W2YC	9
4	OK2PAY	18	24	K5EK	12	44	CT1HMN	10	64	KA2EYH	10	84	UT2GW	9
5	YV8AD	16	25	N4SC	12	45	IK0OZD	10	65	W4MOT	9	85	S51DV	9
6	VE3CRG	16	26	ON4AXU	12	46	G4EZT	10	66	W2QO	9	86	IW0HEX	9
7	N1PW	16	27	W3KX	12	47	FA5HT	10	67	K4DY	9	87	UT9F.I	9

DX Hogs

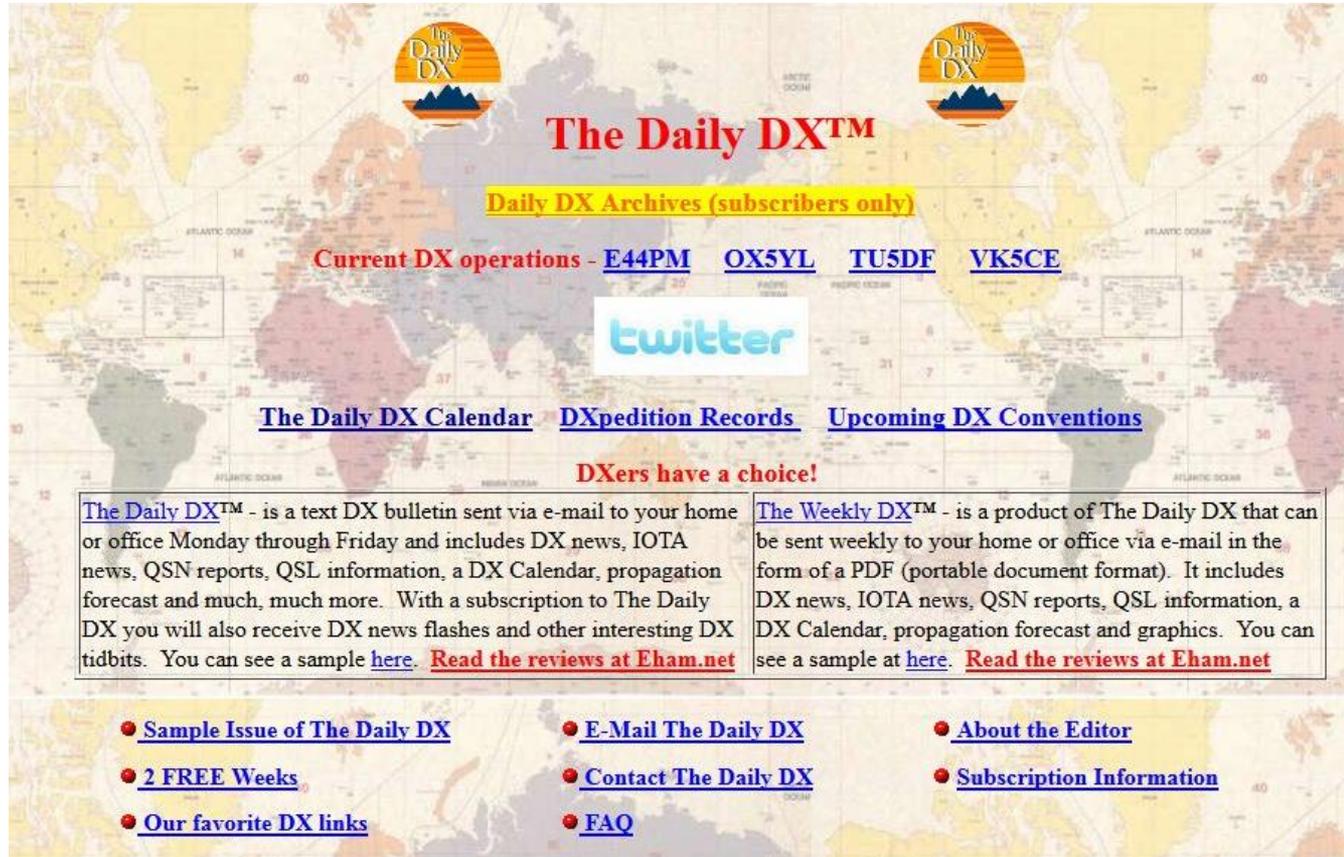


DX'ing from the Black Hole



Daily DX

The Daily DX is an paid subscription service that provides a daily (5 days per week) update on DX activities. Bernie W3UR is editor and has a vast network of people who provide him information. His service is the most reliable and current source of DX news. Instant updates are available via Twitter.



The screenshot shows the homepage of 'The Daily DX'. At the top, there are two circular logos with the text 'The Daily DX' and a mountain range. Below the logos, the title 'The Daily DX™' is displayed in red. A yellow banner reads 'Daily DX Archives (subscribers only)'. Underneath, there are links for 'Current DX operations - E44PM OX5YL TU5DF VK5CE'. A blue 'twitter' logo is centered. Below that, there are links for 'The Daily DX Calendar', 'DXpedition Records', and 'Upcoming DX Conventions'. A red heading 'DXers have a choice!' is followed by two text boxes. The left box describes 'The Daily DX™' as a text bulletin sent via e-mail, including DX news, IOTA news, QSN reports, QSL information, a DX Calendar, and propagation forecast. The right box describes 'The Weekly DX™' as a PDF product sent weekly, including DX news, IOTA news, QSN reports, QSL information, a DX Calendar, propagation forecast, and graphics. At the bottom, there are three columns of links: 'Sample Issue of The Daily DX', '2 FREE Weeks', and 'Our favorite DX links' on the left; 'E-Mail The Daily DX', 'Contact The Daily DX', and 'FAQ' in the middle; and 'About the Editor' and 'Subscription Information' on the right.

The Daily DX™

Daily DX Archives (subscribers only)

Current DX operations - [E44PM](#) [OX5YL](#) [TU5DF](#) [VK5CE](#)

twitter

[The Daily DX Calendar](#) [DXpedition Records](#) [Upcoming DX Conventions](#)

DXers have a choice!

The Daily DX™ - is a text DX bulletin sent via e-mail to your home or office Monday through Friday and includes DX news, IOTA news, QSN reports, QSL information, a DX Calendar, propagation forecast and much, much more. With a subscription to The Daily DX you will also receive DX news flashes and other interesting DX tidbits. You can see a sample [here](#). [Read the reviews at Eham.net](#)

The Weekly DX™ - is a product of The Daily DX that can be sent weekly to your home or office via e-mail in the form of a PDF (portable document format). It includes DX news, IOTA news, QSN reports, QSL information, a DX Calendar, propagation forecast and graphics. You can see a sample at [here](#). [Read the reviews at Eham.net](#)

- [Sample Issue of The Daily DX](#)
- [2 FREE Weeks](#)
- [Our favorite DX links](#)
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DX World

DX World is an excellent website for DX news. The authors have some excellent connections and often are the first ones to release information on new operations. It is also very colorful and easy to read, plus an excellent index to past articles.

DX WORLD.net HOME USE LOGO ADVERTS CHAT DONATE CONTACT

OptiBeam
high performing shortwave antennas

SATURDAY, AUG 24
01:34:57 UTC

SSN: 125
SFI: 124
A: 15
K: 2

search the website... GO

Page 2 of 380 < 1 2 3 4 5 6 7 8 9 10 ... 380 >

3B8/G0TSM – Mauritius WEDNESDAY AUG 21, 2013

TAGS: 3B8-G0TSM, Mauritius LEAVE A COMMENT >

Darren, G0TSM informs DX World of his upcoming holiday/activity from Mauritius as 3B8/G0TSM between September 18-28, 2013.

“ I hope to be QRV for 2 to 3 hours per day using an IC-7000, simple wire antennas on 40M to 10M and a 2 ele quad on 6M. Modes will be SSB, CW and RTTY. Unfortunately, due to return flight times, I'm unable to fully participate in the COWW RTTY contest, but will do my best to make "Search and Pounce QSOs" before packing away the station.

MORE >

V63DDD & V63LU – Pohnpei, F.S.M WEDNESDAY AUG 21, 2013

TAGS: Micronesia, OC-010, Pohnpei, V63DDD, V63LU LEAVE A COMMENT >

Hiroo, JA2VWG and Sei-hachi, JA7LU will be active from Pohnpei OC-010 as V63DDD and V63LU between September 4-16, 2013.

QRV on 40-6m; SSB & RTTY.

QSL only direct to homecalls, (SASE + 1IRC or 3USD from overseas. No Buro is available)



DX'ing from the Black Hole



QRZ

QRZ.com is one of the most popular ham radio websites. Not only are you able to find name, QTH and other pertinent info on the Biography tab, but many people also submit log info on the Logbook tab. This is a great way to see if that station has been active at a certain time or on a certain band of your interest.



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www.HamRadioManuals.com

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by Callsign
42654 01:38:19 UTC 24 Aug 2013

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InnoV Antennas
The Legend Continues

Z21LS

Herbert Baumann
Bradley RD
Harare
Zimbabwe

[*] Mailing label

Lookups: 27503 Ham Member
Email: herbert.baumann@gmx.net QSL: VIA DE1ZHB OR DIRECT 7Z1HB



Biography
Detail
Logbook 384
Log a NEW contact with Z21LS...



Call will be active from 21.11.2010 to the 02.12.2010 but not on low bands.

QSL via **DE1ZHB** DARC Office Germany

or direct : ;

Jzala Residential
Compound III
Unit 151



Most Manuals just \$16 shipped!
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by Callsign
42654 01:38:19 UTC 24 Aug 2013

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Performance through Innovation

The Legend Continues

Z21LS

Herbert Baumann
Bradley RD
Harare
Zimbabwe

[*] Mailing label

Lookups: 27503 Ham Member
Email: herbert.baumann@gmx.net QSL: VIA DE1ZHB OR DIRECT 7Z1HB



Biography
Detail
Logbook 384
Log a NEW contact with Z21LS...

Logbook Summary Latest contacts:

date/time	de	band	freq	mode	grid	op
2013-08-22 14:10:00	HA3YA	15m	21.071	PSK31	JN96av	János Mekina
2013-08-22 15:20:00	DK9KW	15m	21.071	PSK31	JO32mb	Bernd Wening
2013-08-21 20:07:00	F4BVO	20m	14.086	RTTY	JN25vt	OLIVIER SAVIN
2013-08-21 18:03:00	S57NML	20m	14.277	SSB	JN76od	ANDREJ MEDVED
2013-08-21 17:18:00	DJ8SN	17m	18.164	SSB	JN68qr	Michael Mauerer
2013-08-21 13:15:00	PD2SV	10m	28.495	SSB	JO23xh	Sietse Veldema
2013-08-21 13:45:00	IK8UHL	10m	28.495	SSB	JN71gf	ANTIMO IACOBELLI
2013-08-21 13:49:00	IZ0YIV	10m	28.495	SSB	JN61fo	Fabio Mirabile
2013-08-21 13:39:00	DC7DX	10m	28.495	SSB	JN491e	Artur Zweigart
2013-08-21 13:34:00	UT5FC	10m	28.495	SSB	KN56jn	Valentin V. Shapavienko
2013-08-21 13:18:00	SM0NCS	10m	28.495	SSB	JO89ac	Tore Andersson
2013-08-21 12:26:08	TB5ZND	10m	28.495	SSB	KN66mc	DE KUNDER
2013-08-21 12:55:00	SP7MU	10m	28.495	SSB	JO91qr	Marek Matusiak
2013-08-21 12:52:00	DL4EEE	10m	28.495	SSB	JO41hw	Ingo (Till) Graf

DX'ing from the Black Hole

Other Useful DX Sites

DX Zone.com

Log Search of over 2000 logs

Log Search

This page contains an index of ham radio logs hosted on DX.QSL.NET. We currently host over 2,000 amateur radio logs from over 100 different countries.

If you would like to put your ham radio log on DX.QSL.NET, [click here for information](#).

Ham Radio Logs hosted on DX.QSL.NET

There are 30,510,241 QSOs online!
There have been 60,091,057 searches performed

[Click here to view the Master Ham Radio Log Index](#)

Select a log from the list below and type in the callsign to search for, or click on a callsign of one of the recently added or updated ham radio logs to bring up a search form for that log.

Select a Log:

Callsign:



DX Resources

Amateur radio dx news, DX Peditions, Calendars, Contest, logs

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NG3K's super site of DX and contest info

NG3K Amateur Radio Contest/DX Page

NG3K

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(PLEASE READ)

NG3K

Use Google to search ng3k.com DX operation archives:



WWW ng3k.com

Home Page Content:

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DX'ing from the Black Hole



Put it all together!

Wow – there is a lot of information available – but how do I use it all?

Let's say you really need AP on CW. You don't care what band. First, check the bulletins for any mentions of AP (use the VE3NEA bulletin search tool) to see if there any announced DXpeditions. Rats – none.

» SPOT DATABASE SEARCH

Search string: Search: DX Call Any column
Year: Band:
Mode: Number of spots:

Second - use the DX spot history to get the callsigns of active AP stations on CW.

The search results tell us that AP2NK is the only station recently active on CW. He favors 022 on 20 and 15 and 080 on 17. Although most spots are from EU, some are from NA. He seems to favor Mon, Tue, Wed.

VU3INK	21022.0	AP2NK		1201	20	Aug	Pakistan
R7AT	21022.1	AP2NK	TNX NASIR! CQing	1133	20	Aug	Pakistan
K4DY	18080.0	AP2NK	CQing	1135	19	Aug	Pakistan
R4CA-@	14022.0	AP2NK		0427	19	Aug	Pakistan
YU7DZ	14022.0	AP2NK		0418	19	Aug	Pakistan
SP8BUH	14022.0	AP2NK	Tks QSO, new band	0410	19	Aug	Pakistan
RK9FX-@	14022.0	AP2NK	tnx Nasir!	0403	19	Aug	Pakistan
UT5IP	14022.0	AP2NK	tnx 599 gl!	0402	19	Aug	Pakistan
SP4DNX-@	14022.0	AP2NK	tnx qso dr Nasir gl!	0352	19	Aug	Pakistan
W3LPL	14022.0	AP2NK	Heard in MD	0341	19	Aug	Pakistan
JALPPW	18075.9	AP2NK	FB Sig	1211	17	Aug	Pakistan
YB8BRI-@	18076.0	AP2NK	swl wrk ha6vh	1206	17	Aug	Pakistan
HA6VH	18076.0	AP2NK		1204	17	Aug	Pakistan
DL9IU	18076.1	AP2NK	tnx QSO simplex	1204	17	Aug	Pakistan
9A2X	18076.1	AP2NK		1143	17	Aug	Pakistan
YO6HSU	21022.8	AP2NK	simplex 599	1216	24	Jul	Pakistan
UA0LAL	21023.0	AP2NK	CQ	1211	24	Jul	Pakistan
JH1QAX	21021.9	AP2NK	cq cq	1151	24	Jul	Pakistan
R4CA-@	18082.0	AP2NK		0321	22	Jul	Pakistan
RU9CZ-@	18082.0	AP2NK	tnx NASIR 73 !	0239	22	Jul	Pakistan
K0EA-@	18082.0	AP2NK		0226	22	Jul	Pakistan
W8LR-@	14022.0	AP2NK	Tnx Nassir. Gud 2 wrk u agn	0147	22	Jul	Pakistan
R9UZ-@	14022.1	AP2NK	tnx QSO	0139	22	Jul	Pakistan
UT4WA-@	14022.0	AP2NK	tnx!	0112	22	Jul	Pakistan
RU9W-@	14022.0	AP2NK	tnx QSO Nasir	0151	10	Jul	Pakistan
RZ3QM-@	14022.0	AP2NK	tnx QSO	0129	10	Jul	Pakistan
W3LPL	14022.0	AP2NK	Heard in QC	0126	10	Jul	Pakistan



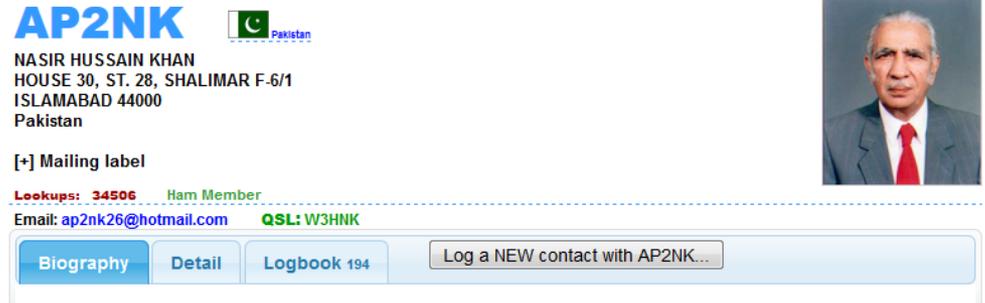
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K9EL

Put it all together! Part 2

Third - check QRZ.com for any info. No operating info listed, but he does list an email address – good if you need to ask for a sked.



AP2NK  Pakistan

NASIR HUSSAIN KHAN
HOUSE 30, ST. 28, SHALIMAR F-6/1
ISLAMABAD 44000
Pakistan

[+] Mailing label

Lookups: 34506 Ham Member

Email: ap2nk26@hotmail.com QSL: W3HMK

Biography Detail Logbook 194 Log a NEW contact with AP2NK...

Fourth – Enter AP2NK in your DX spotting program to make sure all spots for AP2NK alert you. Some programs can even send you a text message. Also enter AP2NK in the Reverse Beacon watchlist. Skimmers will alert to a station's presence immediately. By the time someone spots the DX on packet, it may already be too late! Based on the few USA spots, you can assume his signal will be weak.

Then – listen, listen, listen! You now know his normal operating frequencies, times, bands and even days of the week. You know he calls CQ, so the skimmers will hear him and alert you before he even stops sending CQ! You will be the first in the log!



DX'ing from the Black Hole



Questions??



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