

STARLITE

THE JOURNAL FOR THE STOURBRIDGE AND DISTRICT A.R.S.



**G6OI
G6SRS**



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G4CVH

**STOURBRIDGE & DISTRICT AMATEUR RADIO SOCIETY
INCORPORATING
OLDSWINFORD HOSPITAL SCHOOL RADIO CLUB**

MEETINGS NORMALLY HELD AT

**OLDSWINFORD HOSPITAL SCHOOL
HEATH LANE
STOURBRIDGE
[8:00 TO 10:00 PM]**

VISITORS ALWAYS WELCOME

**DURING COVID, THE SOCIETY HOLDS ITS MEETINGS
EVERY MONDAY AT NORTON SOCIAL CLUB,
OSMASTON ROAD, STOURBRIDGE**

RSGB AFFILIATED SOCIETY

STARLITE

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DY10 3ND

StARS Website URLs:-

www.g6oi.org.uk

StARS Facebook Page:-

<https://www.facebook.com/groups/stourbridge.ars/>

Forthcoming Meetings

November 7 th	Club Meeting at Norton Social Club. 8pm
November 14 th	Club Meeting at Norton Social Club. 8pm
November 21 st	Club Meeting at Norton Social Club. 8pm
November 28 th	Club Meeting at Norton Social Club. 8pm
December 5 th	Club Meeting at Norton Social Club. 8pm
December 12 th	Club Meeting at Norton Social Club. 8pm
December 19 th	Club Meeting at Norton Social Club. 8pm
December 26 th	Boxing Day – No Meeting ??
January 2 nd 2023	Club Meeting at Norton Social Club. 8pm
January 9 th 2023	Club Meeting at Norton Social Club. 8pm
January 16 th 2023	Club Meeting at Norton Social Club. 8pm
January 23 rd 2023	Club Meeting at Norton Social Club. 8pm
January 30 th 2023	Club Meeting at Norton Social Club. 8pm
February 6 th 2023	Club Meeting at Norton Social Club. 8pm

Editor's Comment

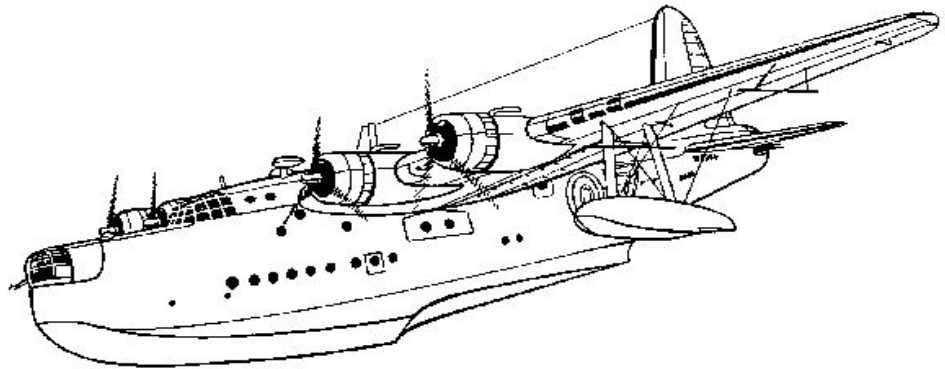
[Editor: g4xom@g6oi.org.uk]

October came to an end and I still have nothing much to report from the Society, except that there is no update for the hopeful return to OSH.

I understand that a crew went to Jim's G4WAO to assist with taking his aerials down and removal. The masts were left there for anyone who may want them – just contact Jim.

Times and dates have been discussed for the annual StARS Christmas lunch, including a leaving party for Jim, who is emigrating to VK on December 20th.

This could be a leisurely way to travel between the UK and Oz – the *Porcupine*. Instead of getting stuck on the M25 going to Heathrow, simply take off from the mouth of the Thames, eventually



landing on the waters of Sydney Harbour. The gun positions could be repurposed with aerials – one for 6m out of the front and an end-fed for HF on the top. What do you think??

Jim sent me this link, which some of you may find interesting. It was a bit too much for me to produce as a document with the time I have available, so I put the link here for you see for yourself. Looks interesting.

3D Printed Circuit Boards (PCB) – All You Need to Know

Seems PCBs are no longer happy to remain flat...

<https://all3dp.com/1/3d-printed-circuit-boards-pcb/>

Foundations of Amateur Radio

How to run an SSB contest without using your voice ...

As you might know, I consider myself a contester. I derive great pleasure from getting on air and making noise during a contest. It gives me a wonderful opportunity to test my station, hone my skills and work on learning something new every time I participate.

Due to circumstances I've been away from contesting for a number of years, but recently I was able scratch my itch from my own shack. For 24 glorious hours I was able to make contacts from the comfort of my home, being able to make a cup of tea, eat some dinner, stay warm, catch a nap when the bands were closed and generally have a blast.

My set-up worked well. Operating QRP or low power, I used a basic contest logger, since I wasn't expecting to be making many contacts. To automatically call CQ, I recorded my voice and set-up a script that played the audio, waited four seconds, then played it again. Using my audio mixer, I could turn that on and off at will and between that and the headset I was wearing I had loads of fun and even made contacts!

During the last three hours of the contest my partner came home. After hearing me attempt to confirm an exchange for a while, it became apparent that making exchanges, calling CQ and generally talking out loud was going to be an issue in our home, since my shack is within hearing range of the entire house. That or I'm going deaf and my voice is getting louder. I do get excited from time to time!

For the past several months I've been trying to find a solution and until today I wasn't getting any closer.

I didn't think I was asking for too much.

I'm looking for a contest logger, that runs on Linux, that has the super check partial database, knows the contest rules and most importantly, has a voice keyer with the ability to actually voice the exchange itself, as-in, not a pre-recorded audio file, but the ability to speak any callsign and any exchange.

As an aside, the super check partial database is a list of frequently heard contest callsigns, originally introduced by Ken K1EA, which if used properly, helps you when you're deciphering a callsign on a noisy band. Using it to guess calls and make mistakes can result in significant penalties for some contests.

The only tool I've come across that does all this in any way is N1MM. It runs on Windows and I have to tell you, the idea of having to buy a new computer, just to run a supported version of Windows just doesn't do it for me. N1MM also doesn't use Hamlib, so my radio needs to be physically connected to the computer. I won't bore you with my weeks of attempts, but it became farcical.

During my months of exploration I looked at and tried plenty of other tools. Many of them aren't intended for contesting, don't have access to the super check partial database, don't do voice-keying, don't run under Linux, require weird bits of extra software, have little or no documentation and a myriad of other issues like having to compile from source with arcane library requirements, the list goes on.

One contender that got close was a text only tool called TLF. It got so close that I almost used it for my previous contest. In the end I didn't because it was doing unpredictable things with the display and I had to write my own contest rule file for an unsupported contest which I couldn't test in time to actually use.

Today I took another look.

TLF doesn't have a voice-keyer on board, but it does have the ability to interface with a Morse-keyer, which is interesting, since it implies that there is a process that translates callsigns and messages typed in with a keyboard into Morse, which might mean that it may be possible to pretend to be a Morse-key and make voice sounds instead.

The Morse-keyer software in question is cwdaemon. It accepts text messages from TLF and then converts those into Morse code and then directly controls your radio to generate dits and dahs on-air.

I started digging through the source code when I realised that cwdaemon might have a debug mode that shows what it's doing. Turns out, not only does it have a debug option, you can also prevent it from keying your radio. Which means that I should be able to get TLF to generate the messages, cwdaemon to show those messages and me to do something useful, like play audio files as appropriate.

If I pull this off, it will mean that I can operate my station as if I'm running CW, but the radio will be transmitting voice, which makes for a beautiful way to save my vocal chords whilst running a contest without bothering anyone else and do this without needing to install Windows, which frankly, in my book is a win.

If I succeed, and I think the odds are good, I'll publish my efforts on my github repository for you to use, if you're so inclined.

I have to confess, when I started this adventure, I was not at all convinced that I could make this happen and I'd all but thrown in the towel. It still quite unbelievable to me that this kind of thing doesn't appear to exist, but if all goes well, it should soon.

What are you going to be doing for your next contest?

I'm Onno VK6FLAB

• *This article is the transcript of the weekly 'Foundations of Amateur Radio' podcast, produced by Onno Benschop, VK6FLAB who was licensed as radio amateur in Perth, Western Australia in 2010. For other episodes, visit <http://vk6flab.com/>. Feel free to get in touch directly via email: cq@vk6flab.com*

Digital Modes with a “Peanut”

Terry Page VK2JTP

Over the past few years, I have not been active on amateur radio other than continuing to do the validation of callsigns on Echolink and respond to questions received through the Echolink Help Desk.

I saw that users of Echolink were setting up cross-links to other modes such as DMR, DSTAR, FUSION/C4FM, WIRES and YSF and that MWRS was now running a DMR and DSTAR repeater.

I have no radios which are capable of using any of the new digital modes and thought if I was going to get involved with using the digital modes, I was going to have to buy new radios.

This then posed the question which radios; were there radios that would handle more than one of these new digital modes; how many different radios would I have to buy and what type of radio, HT, Mobile, or Base Radio?

I looked at how I would use a “digital radio”. It appears 99.9% of the repeaters running DMR in Australia are on 70cm and DSTAR has several repeaters on both 2m, 70cm, and a couple on 23cm.

As far as I can tell and I am happy to be corrected, there are 37 repeaters on BMARC and DMRPLUS running in Australia, the same DMR system on which MWRS is running their 70cm repeater VK2RMB at Terrey Hills. There are 3 other repeaters in Sydney on the same system VK2RWI at Dural, VK2RHT at Chatswood, and VK2RLE at Engadine with 33 other repeaters spread around the country.

With FUSION (C4FM), there appears to be only one repeater in Sydney VK2RBV, Waverly ARC, one in Campbelltown, VK2RBT, Wollongong, VK2RMP, Blue Mountains VK2RMB, Taree VK2REE, Maddens Plains VK2RMP, and Milton VK2RMU. All these are on 70cm apart from VK2RMU on 2m.

It appears that most users of these digital systems are using HOTSPOTS, an interface to connect the radio to the internet to communicate.

My access to the club 70cm repeater is marginal using a HT so I did not think buying a HT for either DMR or DSTAR would work, it seemed like I would have to buy a mobile or base radio to set up in the house and connect to an external antenna to have reliable access to the three nearby repeaters.

At the time I started looking into this I thought to be part of this new digital world I thought I would need to be able to connect to the clubs DMR or DSTAR repeater in just the same manner as I do using my HT or FT1500 on FM. Little did I know how.

Next, I learned there was more than one DMR system, BMARC, BANDMISTER, and DMRPLUS, and started hearing about TIMESLOTS, TALKGROUPS, REFLECTORS and DASHBOARDS.

Being familiar with how Echolink worked using a computer, smartphone or tablet I wondered if anyone had written a similar program or app to works with these digital modes; I asked Google and not surprisingly I found a program / app called PEANUT which quotes on their web pages says ... *“On the Peanut you can talk with HAM amateurs around the world via an Android device or network radio. Some of the ROOMS are*



connected to DSTAR reflectors (XRF076B, XRF076F, XRF070C etc..) or DMR reflectors/talkgroups. You only need an Android device to use DSTAR or DMR."

Not only was I able to get the Peanut app but also a Peanut program to run on my PC and I am now able to talk to others on DMR, DSTAR and FUSION.

WITH THIS WHY WOULD I NEED TO BUY ANY MORE RADIO'S??

After installing PEANUT on both my PC and Android phone I was having QSO's with stations all around the world using their DMR and DSTAR radios as well as others who had installed the software just like me and were using their PC's and Smartphone's or Tablets.

It is so simple to set up, no need for any special ports or firewall settings to be configured. Users can use PEANUT to talk to other PEANUT users but if you wish to talk on DMR and DSTAR you must enter your DMR ID in the setup option in the program. To register on DMR see <https://www.radioid.net/register#!>

As with other software programs that give amateurs access to the amateur bands you must send a copy of your license to PEANUT who will give you a code to use their software which must also to be entered in the program setup. This prevents unlicensed people gaining access to the amateur frequencies. There is a link on the PEANUT web page to complete this process.

TALKING TO DMR USERS ON DMR REPEATER WITHOUT ACCESS TO REPEATER USING PEANUT

It appears to me that a DMR or DSTAR repeater must be connected to the Internet to operate correctly. Each is connected to a Talk group or Reflector. Amateurs using a DMR or DSTAR radio who are in range of one of these repeaters are effectively using the repeater as a WI FI connection to the Internet, connected to the Talk group or Reflector as setup by the repeater administrator.

When using PEANUT, a user connects to a CHATROOM which has DMR or DSTAR Talk groups or Reflectors already connected to them. A few examples are

DMR2140	DMR 2140 Multired SPAIN
DMR21468	DMR TS2 21468
DMR4382	DMR Mexico Multiprotocol
HBL2149	DMR TG2149/BM HBLINK Spain
HBL2249	DMR TG2249 Multimode Sicily Italy
HBL22825	DMR Swiss Multiprotocol Italian language
HBL2351	DMR DSTAR Multimode Ireland
HBL27246	DMR Peanut Dmr Link for CQ-UK
HBL2907	DMR This is reflector for IT RADIOSCOUT
HBL7225	DMR Argentina Multiprotocol Digital
REF018B	DSTAR Brazil
REF037C	DSTAR Florida Repeaters
REF069C	DSTAR CT United States

REF075C	DSTAR Tennessee Statewide Linked Repeaters
REF084C	DSTAR French Voice Network - Languages spoken French – English
REF520T	DSTAR Thailand

I have been asked if I could contact the author of PEANUT to see if we could have the DSTAR Australian Reflector REF023A added to the list. I will let the club know if I am successful. A full list of the current Chat Rooms can be seen on <http://peanut.pa7lim.nl/rooms.html>

LIMITED ACCESS USING PEANUT

Although PEANUT works very well and I have many QSO's on DMR, DSTAR and FUSION using it I found that I could not connect to the same Talk group that is set up as the default Talk group to which the VK2RMB DMR repeater is connected to to be able to call club members who may be listening on their radios connected to VK2RMB.

The author of the PEANUT software has also written a program for Windows called BlueDV that I found does give access to ALL the DMR and DSTAR Talk groups and Reflectors.

To use the BlueDV a dongle using an AMBE3000 is required which costs 93 Euro; I purchase one of these, installed the software which I have found to work just great. I did have a problem initially of being dropped out of a Talk group to which I had connected after 10 minutes of no activity. I sent an e-mail regarding this to the author and overnight had a response with a fix. I have now also set up "Static Talk groups" to be able to monitor for any traffic on all the repeaters connected to BMARC/DMRPLUS in Australia as well as any traffic by any user of a "Hotspot" or Dongle" in every State in Australia.

Using BlueDV I now hear anyone who puts out a call on VK2RMB DMR Repeater and can respond which was the original reason for getting involved with these digital modes; I have also had excellent QSO's with club members and others on DSTAR.

As well as using the BMARC/DMRPLUS DMR system I am able to use the Brandmeister DMR system where there appear to be only 7 repeaters in Australia connected; there are 39 repeaters connected to the BMARD/DMRPLUS system; there are just over 200 connections using Hotspots or Dongles on both systems many of which are calls connected to both systems at the same time.

Please note that I have only got involved is using these digital modes so I am happy to be corrected on anything I have put in this summary.

To me the concept of using DMR and DSTAR got a little getting used too.

If I want to be heard by anyone with a DMR or DSTAR radio on a repeater what I must do is to connect to a Talk group or Reflector which the Repeater is also connected too.

I am now running, concurrently, Echolink, BlueDV and Peanut which allows me to have QSO's worldwide As well as now being able to use any and all of the Talk groups on both DMR systems, DSTAR and FUSION I can also connect directly to repeaters, simplex RF links and individuals around the world using Echolink.

For more information on PEANUT and BlueDV see

<http://www.pa7lim.nl/peanut/>

<https://www.pa7lim.nl/bluedv-windows/>

WITHOUT THE INTERNET ... NO DMR ... NO DSTAR ... NO FUSION ... NO ECHOLINK

First published in "Up The Stick" May 2020, the journal of VK2MB The Manly-Warringah Radio Society

TL8AA TL8ZZ Central African Republic

TL8AA TL8ZZ Team will be active from Central African Republic, 1 - 30 November 2022.
Team - I2PJA, I2YSB, IK2CIO, IK2CKR, IK2HKT, IK2RZP, IV3ZXQ.

They will operate on 160 - 6m, using TL8AA call, CW, SSB, RTTY and using TL8ZZ call, FT8.

QSL via I2YSB.

Target frequencies

CW	SSB	FT8
50090,	50160,	50303
28030,	28470,	28091
24890,	24950,	24911
21030,	21310,	21091
18068,	18130,	18095
14030,	14240,	14084 (plus 14084 RTTY)
10115 CW,		10131 FT8
7025,	7090,	7056
3527,	3775,	3567
1826 CW		1845 FT8.

3B8M Mauritius

3B8M Team will be active from Mauritius Island, IOTA AF - 049, in CQ WW DX CW Contest, 26 - 27 November 2022.

Team - G0CKV, KX7M, M0SDV and others.

They will operate in MO Category.

Before and after contest they will operate as 3B8HA, 3B8/KX7M, 3B8/M0SDV

QSL for 3B8M and 3B8HA via M0OXO, OQRS.

3B8/KX7M via F5CWU, LOTW.

3B8/M0CDV via ClubLog OQRS, LOTW.

7P8CW Lesotho

7P8CW Team will be active from Lesotho, 1 - 9 November 2022.

Team - ZS6MSW, ZS6ESW, ZS6GC, ZS6EB, ZS5AYC, ZS6APT, ZS6ACT, ZS6MMS.

They will operate on HF Bands.

QSL via LOTW, ClubLog, eQSL.

Information received from ZS6MSW:

Hello fellow Hams, we will be having a Dx-pedition from the 1st November to the 9th November, the operational dates will be 2nd November 22h00 UTC 00h00 CAT until the 7th November 22h00 UTC until 00h00 CAT. Making provisions, for setting up and taking down the station. We hereby invite all Hams world wide to work our station 7P8CW between those date. So far we will be a team of 8 Hams including ladies, most of whom will operate on SSB and Digital modes. Myself an average CW operator will be the only one so far in the team doing CW. My logs will auto upload to Lotw (Home Callsign ZS6MSW) Every evening CAT we will upload our ADIF contacts onto this page, so we encourage you all to do the same. This way we will have automatic QSL conformations on the web. For those on our TEAM who wish to upload their logs in addition to QRZ will do so, on their preferred pages like eQSL, Clublog, Lotw extra....

TO5Z Martinique Island

Jeff, N6GQ will be active as TO5Z from Martinique Island, IOTA NA - 107 in CQ WW DX CW Contest, 26 - 27 November 2022.

He will operate in Single Operator All Band Category.

He will be also active before contest on 160 - 10m, no WARC, CW, SSB, possible also as FM/N6GQ.

QSL via N6GQ, LOTW.

TM1EFU Special callsign from the Pont Canal du Center crossing the Loire (71)

TM1EFU Special callsign from the Pont Canal du Center crossing the Loire (71). From 30/10/2022 to 14/11/2022.

Main operator Giovanni F1EFU.

Traffic 80m, 40m, 20m in SSB (100w) from 9:00 a.m. to 11:00 a.m. and from 2:00 p.m. to 8:00 p.m. every day.

Antenna Yagi 77A and Inverted G5RV dipole

QSL via Buro ANRPFD Jacques Parmantier 52, Rue Le Corbusier 42100 SAINT ETIENNE

Ukraine amateur radio satellite may launch November

Students at the National Technical University of Ukraine 'Igor Sikorsky Kyiv Polytechnic Institute' have built an amateur radio CubeSat expected to launch soon

The IARU satellite frequency coordination pages carry this information:

A 2U CubeSat. QBUA01 is a project driven by Kiev National University -Igor Sikorsky Kyiv Polytechnic Institute.

Mission is to launch Ukrainian educational satellite built by KPI students and space exploration enthusiasts for solving a number of educational, scientific and technological university problems.

Specific mission targets are:

- construction and launch of a nanosatellite to test advanced space technologies, study the available capabilities and find new tasks for the development of near space
- study of the operation of solar sensors, GPS / Glonass receiver, magnetometers, gyroscopes, electromagnets and flywheel in the system of orientation and stabilization in space
- study of thermal regulation of a local heat source based on MICRO-heat pipes in low orbit
- a new space experiment on thermal regulation of the payload on heat pipes;
- testing the operation of new software to control satellite systems and obtain telemetry by the ground station.

Amateur operators around the world will be able to participate in the mission by receiving satellite telemetry, beacon and science payload data on the mission QBUA01 micro heat pipe.

More info at <http://cubesat.com.ua/>

Proposing a 9k6 GMSK downlink on UHF using AX25. Planning a launch in Nov 2022 on the Transporter 6 SpaceX mission into a 530 km SSO.

Source IARU http://www.amsatuk.me.uk/iaru/formal_detail.php?serialnum=885

Amateur radio satellite from Zimbabwe

IOL reports Zimbabwe's first satellite ZimSat-1, carrying an amateur radio APRS digipeater is expected to be launched to the ISS in October

The IOL article says:

The satellite will host a multispectral camera and image classification tool, as well as a device to transmit and receive signals from amateur radio operators.

Named ZimSat-1, the Sunday Mail in Zimbabwe reported that the nanosatellite will reach the International Space Station next month before its launch into orbit, scheduled for November.

“ZimSat-1 will be on board the Cygnus NG-18, an uncrewed spacecraft that provides

commercial cargo resupply to the International Space Station on behalf of the National Aeronautics and Space Administration (NASA), when it is released into space in October,” the state-owned newspaper reported online.

Zimbabwe’s ambitious satellite is reportedly scheduled to reach the International Space Station by 28 October, before being launched from the Japanese Kibo – the Asian country’s science module for the International Space Station.

Source IOL

<https://www.iol.co.za/news/africa/zimbabwe-says-ambitious-satellite-launch-is-imminent-7edbf34e-ff22-485b-b16e-11534c491f7f>

IARU satellite information

http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=792

Zimbabwe Sunday Mail

<https://www.sundaymail.co.zw/zim-satellite-launch-imminent>

University students learn about Amateur Radio Satellites

In India on 15 Sep 2022, on the occasion of National Engineering Day, an excellent Workshop titled 'Fascinating World of Ham Radio and Amateur Radio Satellites' was conducted by AMSAT-INDIA's Regional Coordinator Rajesh Vagadia VU2EXP at reputed Marwadi University Rajkot (Gujarat) INDIA

It was half day (10:00 AM to 02:00 PM IST) interactive workshop full of presentations, Audio Visual Documentary, Practical Demos, Q & A sessions and Radio stuff Exhibition with live operation.

There were 80 B.Tech students participated from ICT Dept + MU's Student Satellite Project team. Yes Marwadi University has announced to build a Student Satellite and to be launched by ISRO!

Our ham team includes YL Sakshi Vagadia VU3EXP & YL Shyama Vagadia VU3WHG, both member extended great support to setup VHF station, organise & display Radio Stuff and assisting in practical demos including SSTV, Digital & VHF FM Demo with groups! Btw Shyama VU3WHG also remains one of the student coordinator of this event as well as Team member of Student Satellite Project.

All participants gained knowledge on broad spectrum of topics from CW to Cube Satellites! In first session Radio Fundamentals, operating protocols, radio jargons, licensing procedure etc were covered. In second session participants were briefed with various Ham radio events like FD, Hilltop, Light House activation, POTA, IOTA, EME, Satellite tracking, SatCom, High Altitude Balloon tracking, ARISS SSTV & Student outreach program which gives exposure to gain knowledge & develop skills from outside radio Shack activities also!

Lots of fruitful discussion happens during workshop and students were satisfied with all of their queries.

In workshop we had gracious presence of Shri Naresh Jadeja (Registrar), Dr. R. Sridaran

(Dean), Dr. Jaypalsinh (MCA Dept), and Dr. Shobhit Patel (Researcher). We also get positive response from Marwadi University authorities to be engaged with AMSAT-INDIA to conduct more programs & projects in upcoming period for benefit of student community.

We also thank to Shri C. D. Parmar Sir (HOD ICT) and Program Coordinator Prof Mitesh Solanki for all the great support provided to make this workshop successful.

I am glad to notice this Ham workshop created a Ham buzz in the Marwadi University campus. For me too it was great honor to present & share my best knowledge amongst budding engineers on the occasion of Engineering Day!

Thank you

73 Rajesh Vagadia VU2EXP Regional Coordinator West India Zone AMSAT-INDIA

The Art and Design of Ham Radio

The Daily Heller column in Print magazine features amateur radio QSL card design

The article by Steven Heller KC1CKR says:

... for the real transmitting fanatics, CB radio was never the ultimate thrill. Ham or amateur radio was the ultimate means to reach out and touch somebody, not just a mile or two away, but given the proper weather conditions, hundreds, even thousands of miles from one's personal radio shack (which in my case was a corner of my bedroom).

Whether CB or Ham, one of the prizes was making contact and sharing addresses. In return, the operators mailed out and collected QSL cards. QSL means either "do you confirm receipt of my transmission?" or "I confirm receipt of your transmission." It can also mean "please send me a QSL card." These are usually about the same size as a postcard, often elaborately decorated to express individuality.

They routinely showed a call number, place of origin, time, date, frequency, reception quality. Some had illustrative elements, others just type. They are still used, often sent digitally. Although Ham is still practiced, the internet has pretty much taken over.

For Standards Manual, the graphics associated with this tech were a revelation, and on Monday the indie publisher will release its latest book, QSL? (Do You Confirm Receipt of My Transmission?), a collection of over 150 QSL cards, showcasing the often overlooked visual history of amateur radio. Upon seeing an archive from the collection of designer Roger Bova, the Standards Manual team was amazed by the graphics, says Jesse Reed. "The cards reveal a rich typographic expression that is rare in their authenticity—each card a personal reflection of the station's operator."

Read the full story at

<https://www.printmag.com/daily-heller/the-daily-heller-the-art-and-design-of-ham-radio/>

Internet Archive looking for Amateur Radio material

Thanks to funding from the ARDC Foundation the Internet Archive is building an online Digital Library of Amateur Radio and Communications (DLARC), they are asking amateurs for material

"I want the obscure stuff, the locally-produced ham radio newsletters or the smaller magazines, that sort of thing," the archivist said

An Internet Archive blog post says:

Internet Archive has begun gathering content for the Digital Library of Amateur Radio and Communications (DLARC), which will be a massive online library of materials and collections related to amateur radio and early digital communications. The DLARC is funded by a significant grant from the Amateur Radio Digital Communications foundation (ARDC) to create a digital library that documents, preserves, and provides open access to the history of this community.

The library will be a free online resource that combines archived digitized print materials, born-digital content, websites, oral histories, personal collections, and other related records and publications. The goals of the DLARC are to document the history of amateur radio and to provide freely available educational resources for researchers, students, and the general public. This innovative project includes:

- A program to digitize print materials, such as newsletters, journals, books, pamphlets, physical ephemera, and other records from both institutions, groups, and individuals.
- A digital archiving program to archive, curate, and provide access to "born-digital" materials, such as digital photos, websites, videos, and podcasts.
- A personal archiving campaign to ensure the preservation and future access of both print and digital archives of notable individuals and stakeholders in the amateur radio community.
- Conducting oral history interviews with key members of the community.
- Preservation of all physical and print collections donated to the Internet Archive.

The DLARC project is looking for partners and contributors with troves of ham radio, amateur radio, and early digital communications related books, magazines, documents, catalogs, manuals, videos, software, personal archives, and other historical records collections, no matter how big or small. In addition to physical material to digitize, we are looking for podcasts, newsletters, video channels, and other digital content that can enrich the DLARC collections. Internet Archive will work directly with groups, publishers, clubs, individuals, and others to ensure the archiving and perpetual access of contributed collections, their physical preservation, their digitization, and their online availability and promotion for use in research, education, and historical documentation. All collections in this digital library will be universally accessible to any user and there will be a customized access and discovery portal with special features for research and educational uses.

Read the Internet Archive post at

<https://blog.archive.org/2022/10/04/internet-archive-seeks-donations-of-materials-to-build-a-digital-library-of-amateur-radio-and-communications/>

Gizmodo report:

<https://gizmodo.com/internet-archive-seeks-help-building-amateur-radio-coll-1849619444>

YOUR COMMITTEE



PRESIDENT

Alan Stanley

M7ALS

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