



The LongPath

A North Alabama DX Club Publication

For Sale

By Tom Duncan, KG4CUY

This month's front page article lists equipment for sale at the HARC tables at the upcoming Huntsville Hamfest. Much of this belonged to our member Al Bacon, W6GBG (SK), and is being sold on behalf of XYL Jeariene, KI4MLS, but there are items from Benny Durham, WA5KRG (SK) which will be sold by XYL Glenda. Long-time HARC newsletter editor and publisher Frank Emens, W4HFU, and our own Bob DePierre, K8KI will also contribute items.

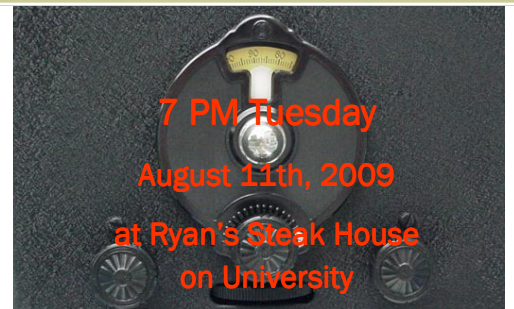
| | | |
|----------------|---------------|---------------------------------|
| A+A Engr | Smart Charger | |
| A+A Engr | Smart Charger | |
| Alinco | DR-235 | 25W 220 MHz mobile |
| Alinco | DR-130T | 2m mobile |
| Alinco | DR-1200 | 2m mobile |
| Alpha Delta | DX-OCF | 6-band OCF dipole |
| Ameritron | AL-811H | HF amplifier, 4x811A, 160-10m |
| Ameritron | AWM-30 | SWR meter |
| Anderson | | Misc power pole connectors |
| Astatic | D-104 | Microphone |
| Astron | RS-20m | 20A power supply with meters |
| Astron | RS-7A | 7A power supply |
| Astron | RM50-M | 50A 12V power supply |
| Astron | VS-35M | 35A 12V power supply |
| Astron | PS-20m | 13.8V 16A |
| B&W | 425 | Low Pass Filter |
| Bencher | | Straight key |
| Bird | 43 | Wattmeter 100-250 MHz 250 & 50W |
| WD4BUM | 9160 | 60m Ham Stick Mobile antenna |
| Brown Brothers | Paddles | |
| Comet | CM-5M | Mag mount |
| Comet | CF-146 | Duplexer |
| Daiwa | CN-801 | SWR meter |
| DE Systems | 0552G | 6m amplifier |

Cont'd on p. 3

Mobile Installation

August Program by Jason Amos, KD4BJW

A dual band 2m/70cm mobile is one thing, but full HF capability in your vehicle is another. Or is it? Hear Jason Amos KD4BJW tell about his adventures—and success—in installing his mobile HF rig. Get to Ryan's on University at 6:15 pm this coming Tuesday for dinner, 7:00 for the business meeting, and 7:30 for Jason's program. We're told Jason did not install the National SW-3 shown to the right.



Special points of interest:

- For Sale
- August Program
- Short Skip
- DX Contests
- From the Internet
- DX Banquet

How to Join

- * Come to a club meeting;
- * or send in an application by mail (form on www.NADXC.org)
- * or call Jason Amos at (256)963-6833

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| | | |
|------------------|---------------------|--------------------------------------|
| Diamond | MX324 | Triplexer |
| Diamond | MX-62M | Duplexer |
| Diamond | X3200A | 2m 1.25m 70cm vertical |
| Diamond | NR-770 | 70cm antenna |
| Diamond | DPK-4NM-N | mag mount |
| Diamond | CR320A | 2m/220/440 antenna |
| Diamond | NR140BNMO | 220 MHz antenna |
| Diamond | MX-37 | Duplexer |
| Diamond | MX72D | Duplexer |
| Drake | TR-4 | HF transceiver |
| Drake | TR-3 | HF transceiver |
| Drake | MS-4 | Speaker |
| Drake | Low Pass Filter | |
| DX Engr | DXE-VFCC-H05A | Current choke for verticals 2 kW |
| DX Engr | DXE-BAL050-H10-AT | High power balun |
| DX Engr | DXE-FCC050-H05-A | Current choke, 2 kW |
| DX Engr | DXE-WA-260 | Dipole |
| DX Engr | DXE-WA-070 | 70' dipole |
| DX Engr | DXE-WA-135 | 135' dipole |
| DX Engr | DXE-WA-070 | 70' dipole |
| Eimac | 3-500Z | New old stock |
| Elecraft | KX-1 | 80/40/30/20m, dummy load, key, tuner |
| Elecraft | K3 | HF transceiver w/KAT3-F, KXV3, KRX3 |
| Elecraft | T1 | HF-6M auto antenna tuner 20W |
| Elecraft | Hexkey | Paddles |
| Elecraft | MH2 | 8-pin hand mike |
| Elecraft | MD2 | 8-pin desk mike |
| Elecraft | K2 | Transceiver |
| Electrovoice | 644 | Dynamic mike |
| General Electric | | CB radio |
| Grundig | G5 | AM/FM/SW receiver |
| GSC | | 20A 12V power supply |
| Hallicrafters | S-40B | Receiver |
| Heathkit | SB-220 | With upgrade kits, spare front panel |
| Heathkit | HM-102 | SWR Bridge |
| Heathkit | SB-102 | With power supply |
| Heathkit | SB-104 | 80m-10m solid state |
| Heathkit | SB-230 | amplifier |
| Heathkit | SB-604 | Speaker and power supply |
| Heathkit | IM-102 | Digital voltmeter |
| Heathkit | IB-1103 | Frequency counter |
| Heil | Traveler | headset |
| Heil | AD-1-Icom | Icom adaptor |
| Heil | AD-1YM | Yaesu adaptor |
| Heil | | boom headset for K2/K3 |
| High Sierra | Roll-up dipole | |
| High Sierra | Screwdriver antenna | With auto-controller |
| HyGain | H-IV/CD-45-11 | Rotor control |
| Icom | CI-V Interface | |
| Icom | OPC-501 | 3.5m IC-706 cable |
| Icom | CP-19R | Cigarette lighter cable |
| Icom | CP-20 | Cigarette lighter cable |

W6GBG (SK). These will not be at the Hamfest, but you may contact Jeariene Bacon, KI4MLS for information.

W6GBG (SK), contact Jeariene Bacon, KI4MLS for information.

WA5KRG (SK), contact Glenda Durham for information.

Contact Bob DePierre, K8KI

Frank Emens, W4HFU. Contact Tom Duncan, KG4CUY.

DX on the Air

Agalega and St. Brandon Islands, 3B6. Rachid, 3B8FQ will be QRV as 3B7FQ from St. Brandon, IOTA AF-015, and be here until August 30. Activity will be on 40 to 10 meters using CW and SSB. QSL via K5XK (ARRL DX News)

World Radio

CQ magazine is now publishing World Radio as an ezine. Click on the link on the left-hand side of the page at <http://www.cq-amateur-radio.com/>

MFJ Acquires Cushcraft

MFJ Enterprises announced they had purchased the Cushcraft Amateur Radio antennas product line from Missouri-based Laird Technologies effective July 31. According to MFJ, Cushcraft – makers of HF/VHF/UHF vertical, beam and Yagi antennas for the Amateur Radio community – will continue to be manufactured in Manchester, New Hamp-

shire. This adds to the MJF line of Hy-gain and MFJ antennas. <http://www.mfjenterprises.com/>

Solar Update

Conditions should continue to be quiet, although on Friday morning the interplanetary magnetic field was pointing south, leaving the earth vulnerable to a solar wind stream. Predicted planetary A index for August 7-11 is 5, 5, 7, 5 and 5.

Sunspot numbers for July 30 through August 5 were 0, 0, 0, 0, 0, 0, and 0 with a mean of 0. 10.7 cm flux was 68, 68.7, 68.1, 68.1, 67.4, 65.8, and 66.2 with a mean of 67.5. Estimated planetary A indices were 3, 5, 4, 3, 10, 4 and 6 with a mean of 5. Estimated mid-latitude A indices were 2, 4, 3, 2, 7, 4 and 5 with a mean of 3.9. (ARRL K7RA Propagation Report)

August Contests

This weekend is the Worked All Europe DX CW Contest. Information concerning upcoming contests is provided in the current issue of QST in the new Contest Corral section. This section is also available in pdf format at <http://www.arrl.org/contests/months/aug.pdf> Also see the WA7BNM contest calendar at <http://www.hornucopia.com/contestcal/weeklycont.php>

So long 'til next time...

■■■■ ■■■■ ■■■■ ■■■■
de N4WBS

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Thank you , Kevin.

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Thank you, Jason

Boatanchor of the Month

Little needs to be said about the DX-100, so we'll only say a little. Apparently everyone had one at some time. At 107 lbs, this rig was truly the anchor of many a station. A pair of 6146s pushed out the RF. The rotary switch

on the lower right switched between CW and full-carrier AM helped along by a pair of 1625s. An SSB adaptor came out in 1958 allowing the DX-100 to work a new mode.

This transmitter, a real mammoth by today's standards,

mounted in a desktop rack style case common to test equipment of the era. Speaking of which, note the very classy Tektronix-style red-and-black concentric knobs.



The LongPath

August DX Contests

By Chuck Lewis, N4NM

WAE CW DX Contest, (CW), 80-10 meters

Aug 8, 0000Z to Aug. 9, 2359Z

Exchange: RST plus serial No. See web for QTC rules.

See page 76, August QST and www.waedc.de

SARTG WW RTTY Contest, (RTTY), 80-10 meters

Aug. 15, 0000Z to Aug. 16, 1600Z

Exchange: RST plus Serial No.

See page 76, August QST and www.sartg.com

Keymen's Club of Japan Contest (CW), 160-6 meters

Aug. 15, 1200Z to Aug. 16, 1200Z

Exchange: RST and prefecture or continent

See page 76, August QST and www.jarl.com/kcj

Russian District Award Contest, (CW, SSB), 160-10 meters

Aug. 15, 0800Z to Aug. 16, 0800Z

Exchange: RS(T), Serial or Russian District

See page 76, August QST and www.rdaward.org/rdac1.htm

South African HF DX Contest, (CW), 80-20 meters

Aug. 30, 1400Z to Aug. 30, 1600Z

Exchange: RS plus Serial

See page 76, August QST and www.sarl.org.za

OTHERS:

RSGB 80m Club Sprint, CW,

1900Z - 2030Z, Aug 13

RSGB 80m Club Sprint, SSB,

1900Z - 2030Z, Aug 26

SCC RTTY Championship,

1200Z, Aug 29 to 1159Z, Aug 30

YO DX HF Contest,

1200Z, Aug 29 to 1200Z, Aug 30

All Asian DX Contest, Phone

0000Z, Sep 5 to 2400Z, Sep 6



Russian RTTY WW Contest

0000Z - 2400Z, Sep 5

IARU Region 1 Field Day, SSB

1300Z, Sep 5 to 1300Z, Sep 6

DARC 10-Meter Digital "Corona" Contest

1100Z-1700Z, Sep 5

Dates & times often change or are misprinted in the journals; beware.

Chuck, N4NM

From the Internet

By Kevin Hibbs, KG4TEI

Hello all surfers. I have a few web pages for your perusal. The first up is www.hamfest.org. This is the beloved website of the Huntsville Hamfest. If you don't know about this local event I guess you haven't been paying much attention! Please check out the forum schedule. There are plenty of good programs to drop in on, including my K3 presentation, just in case you missed it the first time.

My second set of sites is for the DXpeditions currently taking place on the African continent. The first is for the 7P8 Lesotho DXpedition. <http://www.tdxc.net/7p8.html>. The second site

is for the DXpedition in Swaziland, <http://www.gi4fum.co.uk/>. These ongoing DXpedition only have a few days left, so jump in if you can.

My last site is a general reference site. There is lots of information to be found on this site, but of particular interest are the electronics and engineering sections. Browse around and see what you can find. <http://www.tpub.com/>

That is all for me this month. Hope to see you all at the meeting and at the hamfest.

73 for now,

Kevin
KG4TEI

For Sale
(cont'd from page 2)

DX Banquet

| | | |
|-----------------|-----------------|---|
| Icom | MB-62 | Mounting bracket |
| Icom | MB-65 | |
| Icom | IC-7000 | HF/6m/2m/70cm |
| Icom | IC-92AD | D-Star w/HM-174 Mike |
| Icom | IC-3200A | Dual band mobile, may have TX problem |
| Icom | IC-765 | |
| Icom | IC-2KL | With IC-2KL power supply |
| Icom | IC-AT500 | |
| Icom | IC-32AT | |
| Icom | IC-R71A | |
| Icom | IC-27A | |
| K1EL | USB Keyer | |
| Kantronics | | Universal Terminal |
| Kantronics | | Packet Communicator |
| KDK | | 2m transceiver |
| Kenwood | TM-D700A | APRS dual-band, mike, X.25 |
| Kenwood | TM-271 | 2m mobile transceiver |
| Kenwood | TS-570 | Transceiver (G, D, DS?) |
| Kenwood | TM-D700 | 2m/70cm mobile |
| Kenwood | TS-430S | HF transceiver |
| Kenwood | | Automatic antenna tuner |
| KLM | | 160W 2m amplifier |
| LDG | AT-7000 | Antenna tuner |
| LDG | | SWR meter |
| LDG | QRP AutoTuner | |
| Benchner | | Paddles |
| Logikey | K1 | Keyer |
| MFJ | MFJ-959E | Antenna tuner |
| MFJ | MFJ-1778 | 80-to-10m G5RV |
| MFJ | MFJ-108B | Dual clock |
| MFJ | MFJ-449 | Econo Keyer |
| MFJ | MFJ-416 | Pocket Morse Code Tutor |
| MFJ | MFJ-260C | 300W dummy load |
| MFJ | MFJ-1020A | Active antenna |
| MFJ | MFJ-1421 | Video Enhancer |
| MFJ | CWF-2 | CW filter |
| MSC | Smart Filter | |
| Nye Viking | MB-V | Matchbox |
| Optoelectronics | Cub | Frequency Counter |
| PacCom | PACTOR terminal | |
| Palstar | AT2K | Antenna tuner |
| Philco | BC906 | WWII Frequency meter |
| Platas | AA-30 | Active antenna |
| Polyphaser | IS-50UX-C0 | Lightning arrestor |
| Polyphaser | IS-50UX-C1 | Lightning arrestor |
| Polyphaser | IS-50UX-C1 | Lightning arrestor |
| Radio Shack | PRO 2006 | Scanner |
| Radio Shack | PRO34 | Handheld scanner |
| Radio Shack | PRO39 | Handheld scanner |
| Radio Shack | Power supply | 12 volt 1.75 amp power supply |
| REECOM | | WX antenna |

The annual NADXC Hamfest DX Banquet will be held in the Ballet room at the Von Braun Center Saturday, August 15th at 6:30 pm. Past NADXC president Tim Pearson, K5AC will talk about his experience as a member of the K5D Desecheo DXpedition.

The head count must be in to the Von Braun Center by this coming Wednesday, August 12th. After that, no tickets will be available. If you want to attend the banquet, get your ticket reservations to Jason pronto! If you already have asked for tickets but have not yet paid, Jason will gladly exchange your check for tickets at Tuesday's meeting.

So far 44 tickets have been reserved, and 27 have been paid for. We need 9 or 10 more tickets sold to ensure a really good break-even crowd.

For Sale
(cont'd from page 5)

| | | |
|----------------------|-------------------|---------------------------------------|
| Sideband Engineering | SB-34 | |
| Smart Keyer | MSC | |
| Sorensen | Power supply | |
| Swan | HF-700S | HF transceiver |
| Swan | 500C | HF transceiver |
| Swan | WM-2000A | SWR meter |
| Swan | 120 | |
| Tektronix | Model 310 | Oscilloscope |
| TenTec | 937 | 12V power supply |
| TenTec | 516 Argonaut | TCXO |
| TenTec | AC4 | SWR meter |
| TenTec | RX320D | |
| Tigertronics | TIG-SL-USB | |
| TimeWave | DSP-59+ | DSP filter |
| Trygon | Dual power supply | |
| WD4BUM | 9140 | 40m Mobile Antenna |
| WD4BUM | | 80m hamstick |
| Weller | WE3D51 | Temperature controlled solder station |
| Wireman | 880 | Lightning arrestor |
| X-Power | 1000W inverter | |
| Yaesu | FT-8900 | 10m/6m/2m/70cm transceiver |
| Yaesu | FT-736R | Transceiver |
| Yaesu | FT-101ZD | HF transceiver |
| Yaesu | FT-817 | Transceiver |
| Yaesu | FT-8900 | 10m/6m/2m/70cm transceiver |
| Yaesu | MD-1 | Desk mike |
| Yaesu | VC-24 | VOX headset |
| Yaesu | FT-2200 | 2m mobile with mounting bracket |
| Yaesu | FP-301 | Power supply |
| Yaesu | FT-709R | Handheld, dead batteries |
| Yaesu | FT-8100R | |
| Yuasa | | 24 Ah gel cell |
| Zenith | BC221 | WWII Frequency Meter |

Run for Office!

If ever there were an organization where both the officers and the organization itself deserved term limits, it would be the NADXC. The convenient calendar you saw on the back of the January LongPath shows Election of Officers as part of our official Annual Meeting in October. In order for there to be elections, there must be a slate of officers, that is, some people to elect.

Jason has served several years as our secretary/treasurer. In this capacity he is bill collector, having to hound

members whose dues are in arrears, and ticket salesman, trying to keep the DX Banquet in the black. We're all glad to come to the DX Banquet, and you can be quite sure Jason is glad when it's all over and the bills are paid, particularly if there's a little money left in the bank. We cannot again expect Jason to fill this position: someone else must step up.

Kevin is not really our vice president—he accepted the thankless task of coming up with monthly programs, but doesn't really have the office (and

all the perks) to go with it. That he puts up with this amazes me, but rather than question it, I remain silently thankful, but don't expect such generosity to last forever.

Surely the NADXC could benefit from a new president. Five years is about enough for this ham. We all could benefit from a fresh face in the front of the room at Ryan's.

So step up, fellow club members.