

RTTY

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EXCLUSIVELY AMATEUR RADIOTELETYPE

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ED "MAC" MCGINLEY, K7BV

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RTTY JOURNAL

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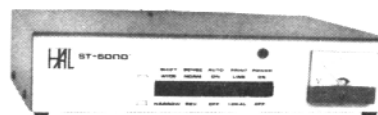
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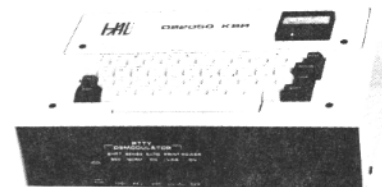
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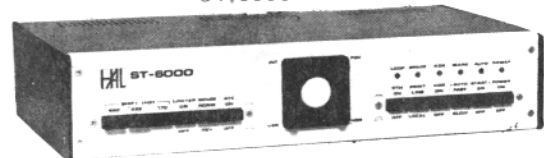
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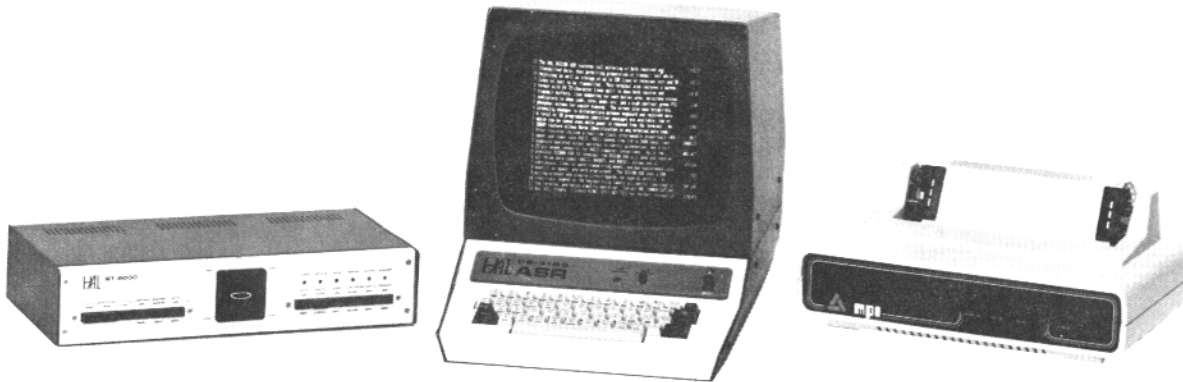
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WEATHER TEXT-Weather Bureau symbols, arrows and other weather type uses. Key pad Controlled.

SHIFTS-Key pad selectable shift selection, 170, 425 850 plus variable space channel allows copy on many non-standard shifts being used as security mode. There is a separate demodulator for 150 through 1200 baud rate high speed RTTY.

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BAUDOT-60, 66, 75, 100 and 132 WPM

MORSE-CW-AUTO-RANGE up to 60 WPM

SPEED READOUT-ASCII and BAUDOT

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UN-SHIFT ON SPACE

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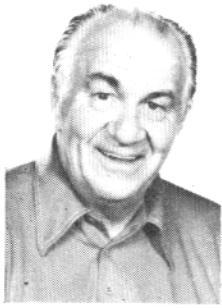
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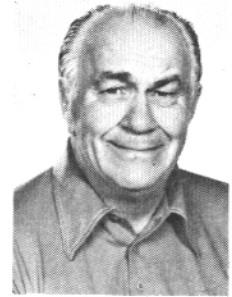
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DX RTTY

BY BILL

WØLHS SNYDER, 1514 S. 12th Street, Fargo, ND 58103



"OH, BOY, THERE'S A NEW ONE"

The 1982 Scandinavian Radio Teletype Group contest was the highlight of the summer season. Band conditions were fairly good for the northern latitudes during the contest period, but not what you would call really great! I was amazed that Scandinavian signals did not make it to our QTH in North Dakota. Our only contact from that part of the world was with OH2NP/OHØ. One of the sidebars of the SARTG was the confusion about the dates. Early publicity indicated that the contest would be held one week earlier than actually scheduled. Thus a few stations jumped in on the wrong date. One Italian station, a real regular in RTTY contesting, was working station after station until I told him he was a week early. "Oh well," he said after realizing he was wrong, "I just worked a TF3!"

I really missed working our many friends in SM, LA and OZ, particularly those stations who are regulars in every contest. I would assume that poor band conditions caused a lack of signals from Scandinavia during the test.

The weekend previous to the contest was highlighted by the appearance on the bands of OJØMA, Kee from Market Reef. I looked for him all during the Saturday and Sunday he was scheduled to be on, but propagation was not right for our path through the ionosphere. I did snag him on Monday, and Kee was happy to get North Dakota!

The OJØMA operation was apparently a fine success. Our QSL from Kee arrived recently and it is a dandy. It pictures the lighthouse station in an evening shot, and you can see what the reef QTH looks like. Having

seen another photo of Market Reef taken from the the air, I can see why it is one of those hard-to-get-to locations for DXpeditions. The DX Bulletin, published in Vernon, Connecticut, indicates that the recent DXpedition to the Reef may be the last one allowed by the government. Apparently they are changing the arrangements to operate the lighthouse, and no one will be allowed on the rock pile to ham it up. If so, it will be a loss to those who do not have the country confirmed.

As I said, Kee was overjoyed to get North Dakota, and signed off in search of Montana or some of the other "rare" states. His cards apparently have been mailed as this fact has been reported to us by several Hams.

The leading DXer in Japan is Gin, JA1ACB. In a recent contact, Gin informed us that the intended JA1BK RTTY operation from Thailand was cancelled due to HS1WR becoming a silent key. Kan was going to use the station at HS1WR as the operation base.

Gin also reported the fact that JA1MIN and OH2BH had to cancel their projected trip to the island of Nauru because of Mic, the Japanese operator was unable to obtain a visa for the country. (A lot of us could use that one!)

Another tidbit of information from Gin notes that 9M6BE may be on RTTY one of these days. Gin has sent him a computer program for his Apple, so it could happen! Gin is real DXer... he needs only zone 23 to complete a RTTY WAZ. How many other RTTY DXers are in the same situation? It would

"HE WENT QRT!"

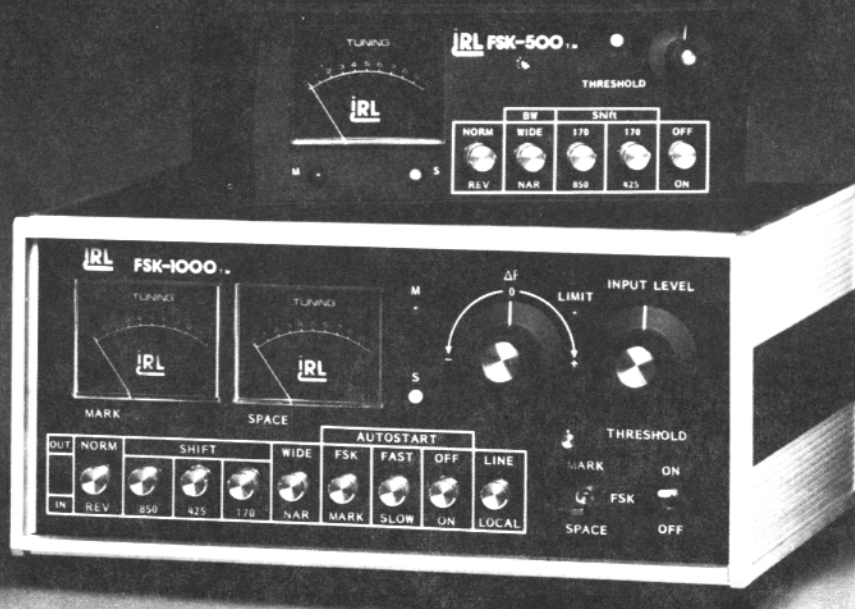
be fun to report who the leaders in the WAZ derby are. Please let us know if you are knocking on the WAZ door.

As we reported a couple of months ago, KC4AAA at the South Pole was scheduled to receive an airdrop of mail in June. This was their only mail delivery during the arctic winter which stretches from the last airplane departure in February to the first plane arrival in November. In a recent QSO with Arliss, he indicated that they did not receive many QSL cards in the mid-winter airdrop. (Although I had mailed mine, it was not in the batch that made it to the pole in June.) So we will all have to wait until December to get Antarctica confirmed. (My card has been promised by "hand delivery" as the station's medical doctor is from Fargo, our home town.)

Arliss, W7XU, and WB9RTT, Larry, the two ops at KC4AAA are complaining about the two month blackout of communications at their station. This would account for the absence of their signals on the band. The equipment at the polar station consists of a KWM-2 with a KW linear, a six element Yagi, three Model 28's, and Dovetron diversity tuning units. They also have two rhombics and several conical antennas for various purposes. Arliss said he would be leaving the station around December first and would be back to the states by the tenth of that month. Look for them on RTTY around 0400Z on Saturday nights. They also work SSB on 14323 around 0600.

It was too bad, but Jim and Kirsti, VK9NS and VK9NL, did not take RTTY gear to 9M8 land this summer, That

A RTTY DXers' Dream



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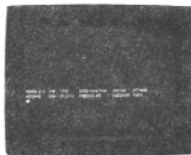


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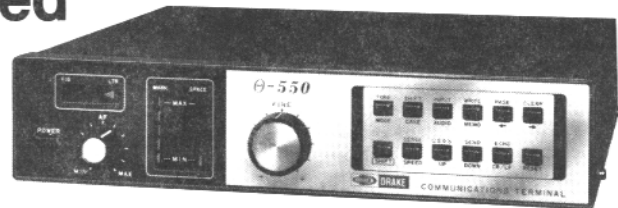
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YOU NEED YOUR "RTTY JOURNAL", you will also need "The Window To Europe" the RTTY magazine, published 6 times thru the year by the German Amateur Radio Teleprinter Group (GARTG). Order your sample copy now! Surface \$3, Airmail \$5, special reduced rates for the 1981 issues! Contact: W. Punjer, DL8VX, POB 90 11 30, D-2100 Hamburg 90 West Germany.

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LIST OF WORLDWIDE RADIOTELETYPE STATIONS IN FREQUENCY ORD R. (7th Edition-Klingenfuss). Over 2,067 frequencies of stations which have been logged in the last part of 1981. Frequency, call sign, name of the station, ITU country symbol, times of reception and details are included. All types of stations are listed, including schedules of 88 news agency stations on 741 frequencies. 178 special RTTY operation abbreviations are listed. A list of 208 GENTEX destination indicators is attached. Covers all RTTY stations from 3 MHz to 30 MHz, air, metro, government, military and diplomatic services. The only accurate RTTY list in existence. A must for the serious RTTY enthusiast. \$12 PPD, Universal Electronics, Inc., 1280 Aida Dr, #J, Reynodlsburg, OH43068

VHF COLUMN

by JOHN

JOHN CUNNINGHAM, WA9WJG
POST OFFICE BOX RY
PERRYVILLE, IN 47974

Fall is in the air, the schools are back in session, and the antenna work should be well under way. I am trying to get my antenna projects started. The TV antenna has top priority (I was out voted 2 to 1) but not top position on the tower since I do the climbing.

As I mentioned above, school is now in session so your club or group can look into a demo at a school or two. I have mentioned this before and I find that at least one club did put on a school demo.

I received a nice letter from Bill, W9AVE, telling about the demo put on at the Hinsdale South High School by the Argonne Amateur Radio Club. I will include the RTTY Xmitted text they used and pix of the operation, item #II explains their operation.

The Argonne Radio Club's repeater W9QVE, is available for RTTY on 145.19-600.

In last months JOURNAL we told of a special event from the Argonne Radio Club on October 10th. Word was received by landline at the JOURNAL office that the event will not be held as scheduled.

I have a friend who would like to get a problem straightened out on a Model 19. He is wanting to reverse

the apostrophe and the bell. If you can help, write to WB9LRR, John Gooldy, 4803 Pumpkinvine Dr, Kokomo, IN 46902.

Great news for guys in central Illinois and western Indiana, WB90IH, the repeater of the Eastern Illinois RTTY group has big plans. I received this news from Ron, KA9CAP. He states that the plan is to go to 400 feet with the antenna, add a duplexer and a few other goodies.

In this area RTTY seems to be growing but the growth seems to be coming from Amateurs with computers. Since they already have a computer and Amateur radios they are using the two to get on RTTY.

I have found that there is nothing that gets someone interested in RTTY faster than your own contagious enthusiasm, try this, it works.

Don't forget Dee's generous offer; send me your newsletter each month and get your JOURNAL free!

73 & CUL on the greenkeys

John, WA9WJG

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A R G O N N E  A M A T E U R  R A D I O  C L U B ' S
      D E M O N S T R A T I O N  O F :
      R A D I O T E L E T Y P E  ( R T T Y )
      C O D E  ( C W )
      P H O N E  ( S S B  &  F M )
      Q S L  C A R D  D I S P L A Y  ( D X )
.....HINSDALE...SOUTH.....
```

RELAYED BY DALE, AG9H, LOCKPORT, ILLINOIS

```
R A D I O T E L E T Y P E
THIS MESSAGE ORIGINATES AT AMATEUR RADIO STATION AG9H IN LOCKPORT, ILL. AG9H (DALE) HAS THIS MESSAGE STORED ON DISK & IT IS RELAYED TO US (ON MY COMMAND) THRU ARGONNE'S AMATEUR RADIO REPEATER LOCATED ON TOP OF THE LABS. PHYSICS BUILDING.
AG9H             W9QVE             W9AVE
LOCKPORT ILL. -----> ARGONNE REPT. -----> HINSDALE SOUTH
TO YOUR RIGHT YOU SEE A QSL CARD DISPLAY OF THE COUNTRIES THAT JOE BLAHUNKA, W9RCJ, LOCKPORT HAS CONTACTED. JOE HAS CONTACTED ABOUT EVERY COUNTRY ON EARTH BY HAM RADIO!!
ALSO TO YOUR RIGHT IS A CW STATION BEING OPERATED ON 15 METERS, OR ABOUT 21 MHz. 15 METERS IS USUALLY A WORLD WIDE BAND. THIS 30 WATT STATION IS OWNED & OPERATED BY FRANK BELLINGER, KA9HO, HINSDALE
P E E L   F R E E   T O   A S K   Q U E S T I O N S
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RELAYED BY DALE, AG9H, LOCKPORT, ILLINOIS

C R E D I T S T O :

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ED KIM, KA9IGZ	SCHOOL COORDINATOR & ASSOC. MEMBER
FRANK BELLINGER, KA9HO	CLUB VICE PRESIDENT & CODE STATION
BILL KARRAKER, W9AVE	RADIO TELETYPE (RTTY) & MORSE KEYBOARD
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Complete computer interface • Sends and receives RTTY and Morse
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TU II \$124.95 (less cables) Software \$29.95
Add 5% for shipping Washington residents add 5.9% tax
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HRA Electronics, Dept. R, P.O. Box 571, Hoodport, WA 98548



HITS & MISSES

by GEORGE

GEORGE HAMMON, WA6CQW
14215 Pecan Park Lane Space 73
El Cajon, CA 92021

This is gonna look like it should have been under the title of "DX COLUMN", but it is included here for the simple reason that I did not have much to say this month and I did have the rules and regulations for this contest that nobody else was privy to at the JOURNAL.

SOUTHERN COUNTIES AMATEUR TELEPRINTER SOCIETY ART CONTEST

September 1 to November 30, 1982.

Please note an important rule change was made this year.

The maximum number of characters on each line will now be 68. This is to help out the European countries who could not utilize 72 spaces with their equipment.

1. Worldwide licensed Amateurs and members of their immediate families (except as otherwise provided in these rules) are eligible to participate in this contest.
2. Entries must original by means of manual input to a Teleprinter using standard communication keyboard, and may be submitted only by the originator of the art, or by the Amateur on behalf of a family member.
3. Submitted art may be of any subject suitable for transmission via Amateur Radio.
4. Entrants may submit as many entries as desired—each entry must have a short title.
5. Art may contain overline shading.
6. Tapes of entries shall be formatted to permit a reasonable short running time, and to be compatible with machines which do and do not down-shift on space. Compatibility machines which interchange the bell and apostrophe is not required. At least three functions must be used between each line, normally: carriage return, Line feed and Letters.
7. Each line of the art shall be limited to a maximum of 68 characters including spaces. Prints must be in one single part no splices. Tapes

- must be limited to a maximum running time of 40 minutes at 60 WPM for the art itself exclusive of any other information, and contain no splices.
8. Each entry must have been transmitted for the 1st time via Amateur Radio after September 1, 1982 and must be accompanied by a confirmation of at least one receipt of its transmission, identifying the title and the callsign of the receiving and transmitting stations. All confirmations must be in writing (no by RTTY transmission), and must have been obtained by the entrant from the receiving station.
9. Tape and prints of each entry shall carry the full name of the author, callsign and mailing address. This information shall be written upon a beginning leader of the tape and also punched in the tape to appear on page copy when reproduced.
10. Entrants must submit one five level paper tape and five prints of each entry and by such submission agree that the tapes and prints may be used, duplicated and published for any purpose. Tape submission shall be of the 11/16 width only.
11. Tape, prints and transmission confirmation information should be securely packaged and sent to: RTTY art contest, Norm Coch, K6ZDL, POB1351 Torrance, CA 90505. Entries must be postmarked prior to November 30, 1982. Entries will not be acknowledged nor returned. Since mail damaged tapes will be of little value, it is suggested tapes be wound tightly around a hard core.
12. Entries will be judged on originality of selection of subject matter, on excellence of technique in producing the art and formatting tape, on overall appearance of art when viewed from a distance and on entrants compliance with the rules.
13. First place winner is excluded for first place consideration for the following year. This does not preclude being considered for 2nd, 3rd etc.

14. Judges will select winners. Winners will receive a plaque. Winning entries will be published in various Amateur Radio publications. Decision of the judges will be final, and no correspondence will be entered into regarding their decisions.
15. Judges and members of their families are ineligible to enter.

Why not give it a go looks like fun to me.

So long for now, George, WA6CQW

NOTE: All contest rules and regulations should be sent to the RTTY JOURNAL office c/o contest editor in order to be published. They should be submitted as far in advance of the event as possible for scheduling purposes. I refuse to take the blame any longer for omission of contests due to their not being received. DEE.

CONTINUED FROM DX COLUMN

C.A.R.T.G.

1. Test period: Saturday October 16 0200Z to Monday October 18, 1982, 0200Z
2. No more than 30 hours of operating permitted. Non-operating periods can be taken at any time during the contest, but summary of on and off times must be submitted with score.
2. Bands: All bands 3.5, 7, 14, 21, and 28 MHz.
3. Classifications: single operator, Baudot any speed, single operator ASCII, multiple operators, one transmitter, and SWL listener.
4. Messages: must consist of RST, Time GMT, and zone.
5. Exchange points: All two-way RTTY QSO's with ones own zone counts 2 points. All other contacts will receive points listed on CARTG zone chart.
6. Multipliers: Country status as ARRL countries list, KL7, KH6, W/K, Page 10 Cont. on page 14.

What does "Apple II-TU II" all mean? The end of Apple II? No way! What it means is that there is another growth avenue for Apple II Computer. This new TU II terminal unit has been designed and manufactured for RTTY/CW operation in conjunction with software for the Apple II or Apple II plus. When used with the Apple computer there are only 3 or maybe 4 wires to hook up- not the myriad of cables that we are used to with such installations. Those 4 are: 1. a 16 wire ribbon cable from the TU II to the game port of the Apple. 2. a microphone cable from a RCA plug on the back of the TU II to the microphone and PIT input of your transmitter. 3. a cable from a RCA plug on the back of the TU II to the audio out of your receiver and 4. one to the CW key, if you plan to be a brass pounder. This together with the software (diskette or cassette) are about all you need to get on RTTY/CW. Howzzat for simplicity!

This TU II is manufactured and sold by HRA Electronics, POB 571, Hoodspport, WA 98548. It comes in four different configurations depending on how much work you may want to do, or how much you want to spend.

1. drilled and silk screened board.
2. Above board with all electronic components and switches.
3. Calibrated and tested complete unit with cabinet.
4. RTTY software diskette or cassette

The finished unit comes in color coordinated Apple colors and sits beautifully on top of my dual floppies.

Bob Hart, WA7HRA, who travels between Hoodspport and San Diego, asked me to assemble and test his new unit, which I did. He sent me the drilled and silkscreened board, all the electronic parts and the cabinet with hardware. I want to say here and now, that I have put a lot of kits together, such as Heath, VHF kits etc. with varied success; but this HRA TU II is the first one that I have ever assembled and calibrated and had it work the very first time that I turned it on! It is a very well designed and thought out kit, simple to put together and calibrate. The whole job took me a little over four hours, including reading the instructions. The

unit has provisions for sending and receiving 170 and 850 shift. The software provides send and receive Baudot or ASCII at any speed, automatic CW IDer, tremendous memory in both transmit and receive, innumerable strings to call special messages, send and receive Morse code at any speed, and many other plus factors that few other units have, or even come close to. Even has split screen and a tuning marker.

With the unit completed and the tones calibrated, I plugged in the 16 wire ribbon cable to the Apple games port, hooked up the 2 audio and microphone cables, put the HRA RTTY software disk into my #1 disk drive and crossed my fingers. I set the receiver frequency to the local RTTY repeater and, LO SUCCESS! I was actually immediately watching two friends in a QSO. Waiting until an appropriate time, I tried a "BK W6MNO" and was recognized into the QSO. I didn't mention the fact that I was on anything else but my "Dovetron" for a few moments. Asking finally for a signal report; the answer was, "100% as usual and your tones are right on." Imagine the suprise when I said that I was on a new miniturized terminal unit, that was tied to my Apple via the game port! Later in the day I tried the low bands to see how the noise rejection would work. Here I got a real shock. I used a switching system so that I could switch between the Dovetron and other TU's that I have. Working for hours with the little TU II there was only slight differences in noise rejection between the best and the little TU II. There may have been 2 or 3 DX stations that I would never have heard, but the performance was remarkable. HRA is making ready a filter system for the unit as an accessory, which when completed should make the TU II as good as the best and a lot better than some! Then CW was tried. Here the TU II suffered the same indignities as do most all computerized and/or dedicated Morse code systems. It just would not copy 100%, especially those Hams with sloppy fists. The brain can do it, but computers still have a hard time. It will tho' copy other machines perfectly and an acceptable job on good fists.

The HRA TU II now occupies a very prominent spot in my system and I use it for all the bands as it uses negligible power from the Apple, comes on automatically with the Apple and uses minimum space in the Apple area.

I am sure that if you write to HRA they will provide you with up-to-date prices. [Editor note:check with HRA ad this issue for price.] Currently the software is available from HRA for \$19.95 for the cassette and \$29.95 for the disk. This software, incidentally, is the standard Galfo "Ham Radio Communications Package", so if you already have, that's money saved. All in all, a very reasonable Apple RTTY/CW complete system no matter which way you decide to go. If you desire more technical info Bob, WA6HRA has prepared an article for CQ magazine. November issue. GOOD LUCK! de W6MNO Chuck Edwards 4726 Barbarossa Drive San Diego, CA 92115.

CLASSIFIED ADS CONTINUED FROM PAGE 8

WANTED-WANTED-WANTED-WANTED-WANTED-WANTED-WANTED-WANTED-1 or more 153892 or 153992 assembly (this is the tachometer meter for theLMU10 variable speed motor, plugs into R0 base to read out speed of variable speed motor) need to buy or borrow to test briefly.-304211 nylon gear for three speed 7.0 U/C gearshift for 28KSR base.-7535 WD and.or 7543 WD for 28 KSR LESU115 unit.-28 1PW300 paper winders or reels.-mini 28 reperf bases or covers (don't need reperf or motor but will consider whole sets depending on price)-also mini 28 TD (TT187) bases and covers.-152450 selector cams, new or used OK, can use up to 100 each. Please reply to Barb, SOONEST; use our new toll free number 800-526-3662 (in NJ 800-272-1331).

FRED SAYS!Cash in those Teletypewriter parts." Send list or UPS them for offer. Ask about personal visit to pick up. Send SASE for list of Teletype parts, supplies, paper, tape gears for sale or trade. TYPETRONICS, Box 8873, Ft. Lauderdale,FL 33310, Fred Schmidt, N4TT. 305-583-1340.

ADDITIONAL CLASSIFIED ADS ON PAGE 14

24 Niko Indarto, YB2BLI

THE-NO-OR-SLOW-QLS-DEPARTMENT:

I know that DIMA, UR5TP, answers QSL cards, but I still can't find a way to get one from him. Any suggestions? KG4AH in Guantanamo Bay apparently doesn't bother answering cards at all. One DXer reports sending him four, with no answers at all. (I only tried twice.) You know that old DX adage: You really haven't worked him, till you hold the QSL in your hand! Anyone with QSL information on C31MU? Likewise for FP8DF.

Don't forget the SCATS RTTY ART Contest September 1 through November 30,1982. We did not receive dates or rules until the 8th of September making it very hard to get the information to our readers before this time.

The Second Annual RTTY World Championship Contest will be on February 26,1983 from 0000Z to 2400Z. Put this on your contest calendar.

Our thanks to all those mentioned above plus F8XT, W5HEZ, JA1JDD, W2LFL and all the people we eavesdropped on!

P.S.(received 2 days later)

W2LFL, Bud reports a long QSO with Rudy, 8R1W/W4 recently. Rudy, now living in Miami, was active from Guyana a number of years ago, and will be glad to answer any QSL card from those days. So if you worked, but did not get a card from Rudy, send another to:Rudy King, 11400 SW 95th St., Miami, FL 33176. He promised Bud he would dig out the old logs and take care of the needy.

Bud also tells us of a QSO with KV4BQ, Ed, on St. Thomas, Virgin Islands. Ed was having trouble with his rig at the time.

And finally, Bud said he had a landline call from SM7CLZ with the news that Lennart, 5H3LM should be sending out cards for those RTTY contacts in the very near future. Lennart is also scheduled for a visit to Sweden in December. Bud's score is moving up with cards from CR9AN and OJOMA. He stands at 183/179 with those juicy bits.

73 from Bill, WØLHS.... dit dit

POTOMAC VALLEY RADIO CLUB CONTEST

On 19 November 1981, the United Nations adopted a resolution proclaiming 1983 a "World Communications Year: Development of Communications Infrastructures." The basis objectives of the WCY are: 1. to provide the opportunity for all countries to undertake an in-depth review and analysis of their policies on communications development, and 2. to stimulate the accelerated development of communications infrastructures.

In support of this event, an Amateur Radio operating activity, sponsored by Potomac Valley Radio Club is being announced. This activity will promote all forms of domestic and international Amateur Radio communications.

The scoring will require knowledge of the 3 ITU Regions and 75 ITU Zones for Broadcasting. The ITU Regions are: 1. Africa, Europe, and USSR. 2. North and South America. 3. Asia and Pacific regions.

The ITU Zones and Amateur callsign prefixes are listed in the IARU Radiosport Championship rules. You may send a SASE or one IRC to the address in para #10 for a copy of a map showing Regions and Zones.

RULES

All licensed Radio Amateurs worldwide are eligible.

Bands: 1.8 MHz to 275 GHz, excluding the 10, 18 and 24 MHz bands.

DATE: 15 January,1983 0000Z to 2400Z. Categories: single operator and multiple operators. Only stations using one transmitter are eligible for awards.

Exchange: All stations will send their ITU Region and their ITU Zone. The following stations would send the listed exchanges: DL1AA 128 W1AAA 208 JA1AA 345

Valid contact: The same station may be worked only once on each band. Telephony (including SSTV) and Telegraphy (including RTTY) emissions count as separate bands. No cross emission contacts are allowed.

MULTIPLIERS: The ITU Zones worked on each band.

QSO POINTS: 4 points outside your ITU region.

2 points inside your ITU Region; out-

side your Zone.

1 point inside your ITU Zone.

SCORING: multiply the total QSO points for all bands by the total zones worked for all bands.

REPORTING: All entrants are to use a suitable log form and summary sheet of their choice.

Logs should indicate times in UTC, bands, calls, complete exchange and QSO points for each QSO. Multipliers should be clearly marked in each log. Crosscheck sheets (dupe sheets) are required if more than 200 QSO's are made on any band.

Summary sheets should be a single page and show number of QSO's QSO points, and Zone multiplier for each band and the total score. The summary sheet must contain the entrants name, callsign, region, zone and address. Multi-operators must list the name and call of each operator. Entries for the special UHF/microwave award should be indicated on the front of the summary sheet with a description of the basis of the UHF/microwave award written on the back of the summary sheet.

Entries must be postmarked by 28 February 1983. Mail entries to: PVRC, POB 337, Crownsville, MD 21032 USA.

AWARDS: a plaque will be awarded to the station of each category (single and multi-operator) in each of the 3 ITU regions. A certificate will be awarded to the high-scoring entrant of each category in each ITU Zone. In addition, a certificate will be awarded to one UHF/microwave station of each ITU Zone judged to have displayed the most outstanding achievement. Members of PVRC may not receive awards.

CONDITIONS: each entrant agrees to be bound by the provisions of this announcement, by the regulations of his/her licensing authority and by the decisions of the Amateur Radio Activity Awards Committee. An entrant may be disqualified if the overall score is reduced by more than 2%. An entrant WILL be disqualified if more than 2% of duplicates are left in the log. A penalty of 8 QSO points will be assessed for each duplicate QSO or for each miscopied callsign or exchange found during the Awards Committee log checking.

DX COLUMN CONTINUED

would have been another new one for a lot of our ilk.

Part of the fun of RTTY for me is eavesdropping around the band. You hear a lot of strange and amusing things. I like the little pictures Fritz, W4LJH, tosses in on his contacts. They are always fun to see.

Our mode is like a giant party line with many interesting people making input. I guess that is one of the fascinations about RTTY. For example, the other night I heard one European DX station tell an American buddy that if he didn't get a QSL card from a certain Central American Ham, he would quit RTTY forever! His reason was this: The Caribbean station had accidentally not logged the contact with the European operator, and so refused to send a card as his call sign was not in the log. But, I guess everything worked out fine, as another European station told me recently the QSL came through in fine shape, and the old timer is still on the keys.

Other bits of eavesdropping are as follows..."The average earthquake in California is hardly earth-shaking news"... "nice to see the LU's from Argentina back on the tube"... "my fingers get in the way of my typing"... "CQ-beaming Svalbaard and Bear Island de ULI DK3CU"... "the rig has been plugged in for the last year, but the interest chip in my brain has been out of commission for that period of time"... "the best thing that has happened to RTTY is the fact that they have dehydrated the clunker machines down to a CRT"... "I've been having trouble getting out of the backyard, it must be this underground vertical that I am using"... "when you're down and ripe...turn on your rig and type OH S..T!"

G4CTQ has been operating portable from Gibraltar (ZB2). Look for him around 2200 on twenty. By the time this is published he will only have a few days to go. Another station who appears from the rock now and then is ZB2BL.

Dave, K4QX, the former 5NØDOG, tells us he is about to put on his seven league boots again and hopes to pop up again from some exotic DX location. Where and when Dave did not say, but he has been on many overseas assignments so it could happen.

THOUGHT OF THE MONTH...I wonder who holds the record for the largest number of parenthesis around the number 73?

Our big thrill of the month was a fifteen meter contact with 4S7RM in Sri Lanka. While a number of the US station were looking for Ron on twenty, I stumbled across him on fifteen. At first the contact was pretty shakey, I had to send my call about twenty times before Ron got it straight. (That is one of my biggest hang-ups, I worry the DX station is not going to get my call correct and then won't be able to find it in the log.) But all of a sudden, the band opened up between Sri Lanka and North Dakota, and we both were reading each other solid. A few minutes later, Mac K7BV, also made his first contact with the country. Ron was on 21 Mhz around 1730Z.

K1NVY/7, Fred, is QRV now and then, between his trips on sea-going vessels as "Sparks." Fred has a total of 118/106 now. One of Fred's disappointments is working a UKØ on RTTY and then getting the QSL card marked CW. I guess that happens to all RTTY types.

This is really your column and so I need your letters and cards each month to make it work. So far, I have had wonderful response from so many of you that the job has been a lot of fun. But, there are many of you who work DX and keep quiet about it. Wouldn't you like to share some of your information with others? This is the place to do it! And so, please keep the cards and letters coming.. it's your column.

W8JIN, Jim (157/144) sends along a nice list of worked and/or heard. Among these goodies on 20: UA9PP at 0020Z; K7JZD/KH2 at 1200; FG7XE at 2300; XT2AW at 2000; SM5GIT/OD5 at 1900; FG7AR/FGO at 2020. On 15 meters Jim reports: LZ5A at 1200, and 5B4CV at 1300.

W3KV, John, (208/203), back on the air after an extended trip in a Winnebago, reports his heard/worked list for the past few weeks. FG7XE; LU2-DGO; EA8HT; SV1IW, Manos; 4S7RM; C31-CJ; HI3ADI; FM7W0; FM7WG. John also adds these: 5NØHGB, Martin in Lagos; GB2NIS, at Castle Archdale, North Ireland Scout Jamboree; 4U1ITU, Bob, QSL via KB2TE; HC5EA, Edgar, QSL via K8LJG; 4D7RLC, QSL via VE2FGS; 3A2LF,

Claude; and 4X4MR, Ariel.

John also notes that OH2BNL/C9 was due on the air, but nothing had been heard of him as of press time.

The Potomac Valley Radio Club is sponsoring a contest next January which might be fun for the RTTY crowd. A look at the rules will give you the details (found under CONTESTS CONTESTS.)

PJ8UQ, Mort, spent an hour operating from FG7AR/FS one afternoon. The only contact he made was with Mac, K7BV. Even with Mac's help, he was unable to find any other stations to work, although it has been reported that a number of stations tried to contact him but failed.

UR2FU is on now and then, but he hangs out right under one of the popular mail box operations. Between Woody and the mailbox he gets pretty tough to copy.

Please forgive the typos that sneak into this column. Last month I mentioned that the Lord Howe operation netted 1021 contacts. Well, the correct total was 108. When I worked with VK2SG after his return to the Australian mainland, I made notes, one of which I goofed up. For all of those out there in RTTYland who need Lord Howe, I wish the larger number had been correct.

AWARDS:

DXCC-RTTY:

#70 Fred Macary, K1NVY/7 on 25-8-82
#71 Hideo Takeuchi, JA1ZF on 25-8-82

DXCC-RTTY ENDORSEMENTS:

200 sticker Arthur Blave ON4BX on 10-8-82.
200 sticker E.W. McGinley, K7BV on 24-8-82.

W.A.C. (ALL BANDS):

Terry Moffitt, GI4KQA, Gunnar Ungar, SM6AAY, Radioclub Junior, OK3CNJ, Jan Palmquist, SM5FUG, Vance Fauver, WB5HBR, Alfred Berger, DL5MBI.

WAC (14 MHZ):

#98 Jan Cassimon, ON7EU
#99 Anthony Vigorita, WB3HAZ
#100 George Wesley, KB2VO
#101 Dick Hale, N8AKF

W.A.C. (21 MHZ):

#22 Roland Rossi, I8JRA
#23 Junichi Nishiyama, JR2TZL

C.A.R.T.G

VE/VO and VK districts counted as separate countries. Stations not to be counted more than once on any one band. Additional contacts counted on different bands. One's own country counts as a multiplier.

7. Scoring: Total exchange points x number of countries contacted x number of continents (max. 6). Two hundred bonus points for each Canadian contact made on all bands added to final score.

8. Logs: To contain band, date, time GMT, RST, callsigns, exchanges sent and received. Use separate log sheet for each band. Send SASE or IRC's to CARTG for log sheets and zone charts. Logs must be received before January 1, 1983 to qualify. Send logs, time summary and scores to: CARTG, 85 Fifeshire Rd., Willowdale, Ontario, Canada M2L 2G9.

Awards: Top 10 scores, engraved plaques, donated by RTTY JOURNAL, Green RTTYer plaque S. Burnett Memorial plaque, Canadian high score, President CRRL award. Low power Canadian station, West Coast Canadian award, Most Canadian stations contact, sponsored by VE2JR. High score for multi-operator station plaque. High score for SWL plaque. Certificates to be issued to top scores in each USA, VE/VO and VK districts, and each country. Good luck in the contest!

NOTE: Ascii logs must be clearly marked as such and must be submitted separately.

SECOND ANNUAL

RTTY WORLD CHAMPIONSHIP CONTEST

SPONSORED BY:

73 MAGAZINE AND THE RTTY JOURNAL
Contest period: 0000Z to 2400Z,
February 26, 1983.

Rules: The same station may be worked ONCE ON EACH BAND. Crossmode contacts do not count. Single operator stations may work 18 hours maximum while the multi-operator stations may operate the entire 24 hour period. Off times are NO LESS than 30 minutes each and MUST be noted in your logs. Classes: Single operator, single transmitter, multi-operator, Single Transmitter.

Entry categories: A. Single band. B. All band, 10-80 meters.

Exchange: Stations within the 48 Continental US States and Canada must transmit RST, and State, Province or Territory. All others must transmit RST and consecutive contact number. QSO Points: 1 QSO point is earned for each valid contact.

Multiplier Points: 1 multiplier point is awarded for each of the 48 Continental US States, Canadian Provinces or Territories and DX countries worked ON EACH BAND.

Final Points: Total QSO Points times Total Multipliers equal CLAIMED SCORE
Contest Entries: Entries must include a SEPARATE log for EACH BAND, a dupe sheet, a summary sheet, a multiplier check list, and a list of equipment used. Contestants are asked to send a SASE to the Contest address for Official Forms.

Deadline: All entries MUST be POST MARKED no later than March 26, 1983.
Disqualifications: Omission of the required entry forms, operating in excess of legal power, manipulating scores or times to achieve a score advantage or failure to omit duplicate contacts which would reduce the overall score more than 2% are all grounds for immediate disqualification.

AWARDS: Contest awards will be issued in each entry category and operator class in each of the US Call District, Canadian Provinces and Territories as well as in each DX Country represented. Other awards may be issued at the discretion of the awards committee. A minimum of 5 hours and 25 QSOs must be worked to be eligible for awards.

Contest Address: Enclose an SASE to:
RTTY WORLD CHAMPIONSHIP CONTEST
c/o THE RTTY JOURNAL
P.O. BOX RY
CARDIFF-BY-THE-SEA, CA 92007

NOTE- Ed McGinley "Mac", K7BV was erroneously listed in last years RTTY Championship contest as in second place, he was in fact the first place winner. Congratulations to "Mac".

WANT ADS CONTINUED

NEWS NEWS NEWS- AMATEUR RADIO'S newspaper "WORLD RADIO." Year subscription is \$9.00 per year. WORLD RADIO 2509-F Donner Way, Sacramento, CA 95818.
HAM RADIO MAGAZINE. The no nonsense state-of-the-art technical magazine. Subscribe now and see for yourself. One year \$19.50 US. Canada and foreign surface \$21.50. Europe, Africa and Japan \$28.00. Ham Radio Publishing Group. Greenville, NH 03048.

QUALITY RTTY KITS and PC Boards available for all applications. The RACK LINE Boards are all 6½ x 4½ with edge connector mounting for easy servicing. Choose from the following kits and boards. 1) UT4D UART speed converter kit SALE \$99.95 board alone \$22.95. 2) UT2 Regen Repeater kit \$39.95 Board alone \$13.95. 3) TU loop supply kit \$31.99. 4) TU LV supply kit \$34.99. 5) Complete TU supply kit \$56.99 board alone \$8.95. 6) XD6 clock kit for UART use \$29.95. Board alone \$8.95. 7) CW ID kit w/timer & interface \$27.90. Board alone \$8.95. 8) Crystal controlled AFSK kit \$29.95. Board alone \$8.95. 9) AFSK tone mixer for CW ID kit (Nov 1979 JOURNAL) \$10.95. Board alone \$3.50. 10) Single voltage power supply kit specify voltage - or + \$13.95 Board alone \$4.75. 11) RTTY ID generator kit (please supply what you wish coded up to 32 positions) \$24.95 Board alone same size as the ST-6 boards. Sale prices \$2.50. All orders add \$2 for shipping/handling. Catalog of over 1000 electronics parts available for stamp. Visa/MC accepted. DAYTAPRO Electronics 3029 N. Wilshire Ln, Arlington Hts, IL 60004. Phone evenings 312-870-0555.

VACUUM TUBES, current and hard to find new boxed replacement receiving types only, \$1.00 each. Send list of tubes required and the availability of present inventory. M Levy, W5QJT, POB 13151, El Paso, TX 79912.

SELL: MODEL 28KSR 60-66-100 WPM new nylon gear shift, auto LF/CR, Electro mechanical condition excellent. Claude Sweger, Box 1842, Ft. Stockton TX 79735.

HAM HELPS

This column is for Amateurs having trouble in getting started in the RTTY mode. Please help them if you can, remember how you felt when you started into RTTY? Thanks.

Emile Alline, WA5WUJ of 773 Rosa Ave, Metarie, LA 70005 Has a TRS-80 Model II and wants to use it on RTTY. Anyone know where Emile can get Z-80 software for that model TRS-80? Also has anyone used Richcraft Engineering software or adapted it to the Model II. Has anyone built or used the TU by K1RT/W1RN in the 82 ARRL Handbook? Emile says he hasn't been on RTTY for 10 years so let's get him up and running.

Tom, NG6K needs info on interface and hookup for the Model 33 Teleprinter ASCII with the 4210 Date recorder to Kenwood TS 820S. Send help to this beginner to:6713 Vicky Ave., Canoga Park, CA 91307.

This next is not exactly an appeal for help but because the JOURNAL did print some material in the past on this I feel an obligation to Marty Irons, K2MI. Marty writes that his magazine "QZX" has gone out of print because of lack of input and because "too many people wanted it." He states that he was spending many hours trying to handle new members but had little to print. The magazine was geared to Sinclair computer users on Amateur Radio.

Apparently Marty is not going to answer your letters for quite awhile, if ever, so you may as well save your stamp.

WANT ADS CONTINUED

INFO-TECH FACTORY REBATES! Even greater discounts on INFO-TECH RTTY/CW equipment. Now you can purchase the M-500ASR, M-200F Demodulator, and M-300C Tri-mode Keyboard at substantially reduced prices! Call or write: DIALTA Amateur Radio Supply, 212-48th St., Rapid City, SD 57701. (605) 343-6127.

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QUARTER CENTURY AWARD HONOR ROLL

ON4BX	212	W6AEE	64
W3KV	200	DF7FB	61
W2LFL	155	G3UUP	61
G6JF	150	I4 14707	61
ON4CK	135	I1PYS	60
OK1MP	127	SL5AR	60
VK2SG	127	EA8RU	59
DK1BX	123	G3RED	58
G3HJC	123	ON7EU	58
K6WZ	118	WB3CCZ	58
VE2QO	113	I1COB	57
I5WT	111	LZ1KDP	57
W2IUC	110	SM4CMG	57
WA6WGL	110	I2WEG	56
GI4AHP	109	G3MWI	55
G8CDW	106	VE2JR	55
W1GKJ	106	DX6XBA	54
DL8VX	105	SM4EMO	54
K0BJ	105	ZL2ALW	54
YB2BLI	105	9H1ET	54
DK5WJ	104	DJ2YE	53
DJ1IJ	103	OH0NI	53
DJ8BT	103	PY2CK	53
I5ROL	103	VE5RG	53
K4VDM	103	WB2VTD	53
SM6AEN	103	W5QCH	53
K8YEK	101	G30ZF	52
DJ1QT	100	I0LVA	52
DL8KS	100	N3DF	52
G8LT	100	WA5HBR	52
K3SWZ	100	DF2ME	51
SM6ASD	100	DJ3OE	51
VK2EG	100	EA3BLQ	51
I8JRA	89	EI5BH	51
I5KPK	87	F9XY	51
SM5EIT	84	OZ7RD	51
I313018	83	SM5BO	51
DL1VR	81	W7BCT	51
Y03AC	75	BRS 40656	51
G3ZRS	75	G3IIR	50
Y03IS	75	G4EJA	50
ON5WG	74	K6YUI	50
9M2CR	73	PA0CWI	50
K0PJ/6	70	WA3ZKZ	50
OZ4FF	70	W8CQ	50
SM00Y	68	G3YDR	49
120LW	66	XE1AFU	49
DL8QP	65	I-50-160	48
HB9AVK	65	VK5RY	47
W1MX	65	G3RDG	46
I5FZI	64	CT1EQ	45

W2NZ	45	OK1-12880	43
I1CAQ	44	OK2-5350	43
I5FUE	44	I2DMI	42
I6NO	44	K5ARH	42
K8NN	44	G4EEV	41
LZ2KRR	44	JR2FZL	41
BRS 25676	44	K4CG	41
Niendorf	44	OZ2CJ	41
EA3AZX	43	SM0CBC	41
JA7ML	43	9H1EL	41
KB9DM	43	G3YYD	40
SM5FUG	43	G4ALE	40
SM7BGE	43	WA9BOW	40

The quarter Century Award is issued by the British Amateur Radio Teleprinter Group on the submission of satisfactory proof of Two-Way RTTY communications with 25 different Countries. The award is also available to SWLs on a "hear" basis.

Measuring 10" by 13" and printed in red, green and black, the certificate makes an attractive addition to any Amateur Radio Station. Endorsement "stickers" are available for each additional 25 countries up to a total of 200.

Application for the award may be made in any of the following ways.

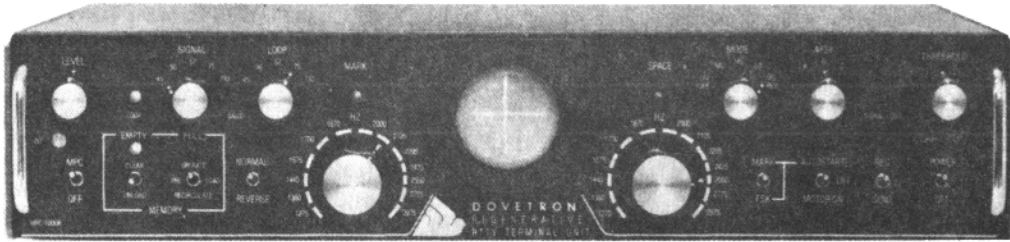
1. Submission of QSL cards for the countries being claimed. The cards are returned to the owner after checking. Submission of photostats or photos of the QSL cards are also acceptable. Photostats or photos should clearly show the callsign of the Amateur making the claim and should establish beyond doubt that the contact was made by two-way RTTY as the mode of communication. This type of claim must be witnessed and a check list signed by TWO other licensed Amateurs.

2. Claims will also be accepted based on a check list containing callsigns with details of date, time, reports given and received and band used. This type of claim must be witnessed and signed as accurate by Two officers of a recognized Radio Club or a National Amateur Radio Society.

3. Contest logs submitted for any RTTY contest sponsored by BARTG may also be claimed at the time of submitting the contest log. Send to Ted Double, 89 Linden Gardens, Enfield, Middlesex, England EN1 4DX.

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KEYBOARD-CONTROLLED WORD CORRECTION & DIGITAL AUTOSTART



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