



SouthTowns Amateur Radio Society

W3EFLW

August 1988 - #95

Erie County Fair = 12-21 August = Hamburg  
Ham-O-Rama = 10 September = Niagara Falls Conv Center  
VE test session = 12 October = Hamburg JUNIOR HIGH

## TABLE OF CONTENTS

- 2 OFFICERS
- NEW MEMBERS
- 3 WWII WAR BIRD SHOW INFO  
MFJ 1278 REVIEW
- 5 FREE FOR THE TAKING
- 6 VE REPORT  
HAM GEAR
- 7 PREZ SEZ
- 10 SAY THAT AGAIN?
- 12 ARLB073  
ARLB075  
DX BUTTETTIN 22 JULY 88
- 13 ARLB076
- 14 ARLP030

Joe Prockton  
67 Burmon Dr  
Orchard Park NY  
14127



John W. Cullum Jr  
6871 E. Webster Rd  
Orchard Park NY 14127-1922

SOUTH TOWNS AMATEUR RADIO SOCIETY  
OFFICERS AND BOARD OF DIRECTORS

President = Bill Siska = N2GAO  
Vice Pres.= Larry Shannon = K2KVS  
Secretary = Dick Dukat = K2RDD  
Treasurer = Mal Vallone = WA2VER  
Fin.Secy. = Frank Modzelewski = WG2H  
Director = Nick Stanko = N2IBC  
Director = Voit Drankan = KA2WIO  
Director (past President) = John Leitten = KA2RFT

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General Meeting = 1st Thursday = 1930 hours = Youth Center  
Board Meeting = 4th Tuesday = 1900 hours = Youth Center  
75 Meter Net = Each Saturday at 1000 hours = +/- 3925 khz  
2 Meter Info Net = Each Wednesday at 1900 hours = 147.69/.09  
RAVE HOTLINE = 876 - 6593



## New Members

Robert Byttner (no call)  
1283 Borden Rd  
Depew NY 14043  
685 1755

Kenneth Haas K2KYE (T)  
243 Crosby Blvd  
Buffalo NY 14226  
834 4083

Edward Patton KB2FKF (H)  
6660 Lakeview Rd  
Lakeview NY 14058  
627 2417

Robert Knaier AG2P (E)  
3 E. End Ave  
Cheektowaga NY 14225  
895 7398

telstar #95 (2)

## WORLD WAR TWO WAR BIRD SHOW INFORMATION.

The 1988 airshow is scheduled earlier this year. Instead of Mid-September, they are moving the air show into August - past experience in the month of September were rainy and damp days, as a result the parking conditions were very bad.

On August 13-14 Trainer/Liaison Fly in and competition, Fairchilds, Twin Beeches, Ryans, and liaisons are all invited. On August 15-16, Warbirds flying, Air and Static displays, fly market, and Aviation art exhibits. August 19-21, Annual "Wings of Eagles" airshow, the largest gathering of Warbirds in the Northeast.

For information or advanced tickets, call or write National Warplane Museum, P.O.Box 159, Geneseo, NY 14454 or call (716) 243 - 0690.

The new hanger has been erected since last year's event. Floors and doors have been scheduled for the near future. It has been closed in just before the snowfall during the past winter,

This may not be amateur related, but there are a lot of airplane buffs in the amateur fraternity.

See you there 73 K2RDD

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## MFJ - 1278 REVIEW.

An equipment report on the MFJ Multi mode Data Controller model 1278. While at the Rochester Hamfest, I purchased the afore mentioned TNC, it was packaged very well and secure. Upon opening to examine the contents I noticed a well designed product with symmetrical placement of controls and outlets.

The 1278 has four active modems in its circuitry to process the various modes of operation. The modes are Packet, CW, RTTY, FAX, and SSTV. For the price you get quite a variety of amateur activity. Operational modes CW, RTTY, FAX, and SSTV, the tuning is accomplished by a threshold control in conjunction with a 20 led display, to steer you within 10 hz of spot tuning. This controller has two ports, which means it can control two transceivers on at will with software support program. It also has a parallel port for a printer. Anything on the screen can be printed at command. Power supply, cables and manuals are all included in the package. MFJ also sells a starter package which included software for the computer and parallel interface cable for the printer. Price for the package is \$19.95, which is very reasonable. The 1278 can be used with a PC compatible computer and also with the Commodore 64, 128 and VIC 20 computers. You must specify at purchase time the intended computer use, this will give one the proper cables.

telstar #95 (3)

The MFJ-1278 manual and the supplement manuals are quite precise in their contents of information. The manuals were printed in Hong Kong and have a lot of grammatical/typo errors, which does not deter one from gathering the information one desires. It takes you a step at a time in each mode of operation.

The software, an American product, was designed very well for all five modes of operation. Function keys are used to change from one mode to another. The program supports split screen, logs QSO's, uses a format to drop information to the disk upon request and loads data from disk to the computer to the transceivers for transmission.

The connections between the transceiver, computer and the TNC are all straight forward and all cables are supplied. The only additional purchase required is a plug to the mike jack of the transceiver. Some rigs have four, six, or eight pin adapters. Radio Shack stocks these in their inventory at a nominal price.

I found that the TNC works on packet, CW, and RTTY very well. It will copy CW from 1 to 99 words per minute, the RTTY mode copied ARRL bulletins and commercial RTTY at various baud rates. I place the controller in the Slow Scan mode and copied pictures on 20 and 10 meters. Commercial amateur Slow Scan converters copy pictures in various shades of gray and color. The 1278 copies in black and white to the monitor and also dumps pictures to the printer which has to be dot matrix, with Epson graphic mode support. The slow scan mode is compatible with all picture speeds sent and the capability to accept any future speeds that will arise.

I have had four TNC's at this QTH in operation and find the 1278 the most universal enjoyable piece of equipment for all modes of operations. Amateur radio offers a lot to the ham and 1278 fills the void.

73 for now and if there are any questions feel free to see me at the meeting. Fraternally K2RDD.

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He took his defeat like a man - he blamed it on his wife.

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If you're stopped by the police - shut off your engine and put your mouth in neutral.

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To get more out of life - put more into it.

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Never play poker with a man named 'Ace'

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After all is said and done - more is said than done.

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telstar #95 (4)



Free For the Taking

Joe - n2bgj

All too often we hear of people telegraphing their movements. When we go away for any length of time, we invariably leave tell-tale signs. The sheriff's office warns you of the pitfalls and how to overcome them. As with all systems it, too, is not foolproof but in many cases it could prevent unlawful entry.

First off, the least said about your movements, the better. Do not use any means that can be overheard - be it on the airways, in a public place, and so forth.

Secondly, have a trusted friend and/or relative check your premises, both inside and outside, even spending sometime in your home while you are gone.

Third = lighting = a darken house can be an invitation for trouble. The lights could be controlled by a friend, timers or both - try to keep it random, if possible.

Fourth = services = about the only delivery we receive now-a-days are the paper, mail, and pennysaver. Regarding the deliveries I would NOT advise stopping them. I'll spell out the reason. Mail - should someone, with larceny in mind, be watching your house, they could also be checking the mail, they could notice that the mail carrier has bypassed your house a couple of days in a row and draw their own conclusion. Regarding paper delivery - there have been occasions that delivery boys have been caught entering homes. All in all, the one watching the house could see that everything is taken in.

Fifth = other services = such as grass cutting, snow removal, etc., should be arranged prior to leaving and continued while you are gone.

Sixth = driveway = should you have a driveway a car should be present, and if present, moved periodically.

Many other things could and should be done, while, as stated before, they are not foolproof, they could deter unauthorized entries. Many of the entries have been made by juveniles, in some cases, the offspring's 'friends' are the perpetrators.

Concluding this, I know I have overlooked a lot of things but I'm not writing a book. Your local law enforcement agency, and/or, the sheriff's office could assist you further through their pamphlets, advice, etc.

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telstar #95 (5)



# VE REPORT

by Dick Haungs W2UJR

The STARS VE test session will take place, Wednesday evening, October 12, 1988 at the Hamburg Junior High School rooms 117/119, 360 Division St., Hamburg, NY.

Please send your 610 form, a check for \$4.55 made out to ARRL/VEC and a copy of your license to:

Guz Guzinski  
5084 Chapman Pkwy.  
Hamburg, NY 14075

Technician thru extra exams will be given. There will be no walk-ins and the deadline for registration will be October 5th.

If you have renewed your technician license after March 19, please send a copy of both your old and new licenses. This is the only way we will know that you passes the old element 3.

The session will be limited to 15 persons, so get your application in early.

Dick Haungs W2UJR

## HAM GEAR

*Amateur related gear*

*Wanted - Sale - Trade*

G1: Ten Tec transceiver Omni D Model 546, with extra outboard VFO model 243; separate power supply Model 252ND with meter plus all manuals, mike and speaker.

G2: Info-Tech complete outfit for RTTY, Amtor; ASCII, CW. Model 300 keyboard, model 200E interface TU and a 9" video monitor for display of signals plus all manuals and some patch cables.

G3: heavy duty adjustable power supply 5 to 15 VDC at 15 amp - has a 24 hour duty cycle.

G4: teletype equipment, 28 ASR-KSR with send receive on tape as well as print out on roll of paper, makes very good pictures from punched out tape, also two model 32 printers with a manual.

G5: scope model LA-239 Lavioe-Lab with 4" scope, has a separate light up graph with manual.

telstar #95 (6)

G6: heavy duty variac with AC meter to check incoming and outgoing voltages.

G7: commercially built by Motorola Model 071aGUB-3100A suitable for 6 or 10 meters FM with a desk type remote control unit and mike uses a pair of 6146 tubes in final - not converted yet.

C8: Alnico 2 meter HT with DC/DC conv, speaker mike, mobile charger cord extra battery and carrying case plus hot rod antenna.

C9: Kenwood TM2550A mobile 2 meter radio.

C10: Kenwood TS440S HF transceiver with Astron RS-35A power supply and Kenwood MC80 desk mike.

C11: Valor 2 meter mobile mag mount antenna.

C12: 10 meter mobile stick w/Valor mt

C13: Micronta AC ammeter cat #22-161

C14: Reallistic ext speaker #21-549

C15: Heath power supply 0-15V, 25 amp #IP 2715

C16: Heath SWR and power meter #HM102

C17: Heath rcvr model HR10B

C18: Kenwood TR7400A 2 meter mobile transceiver

A19: tape cassette Pioneer KT201 with built in mike and counter, use with 110 VAC or battery - also J C Penny portable cassette with counter and built in mike use with AC, DC, or battery

A20: kit for packet radio Digicom 64 for a Commodore 64 computer, complete including case

A21: assorted speakers, rotors, muffin fans with switch and cord, etc, etc. Please ask if your item is not on this list, may be able to get it for you

NOTE: some of the above are from the estate of Charlie WB2DVE, a silent key and member of STARS.

FURTHER NOTE: when inquiring please refer to article number for more info contact "Guz" WB2E2U - 627-3724 between 10:00 AM and 10:00 PM

All articles are subject to inspection by you



THE PEEBLES

Bill - N2GRO

Did you know the club is now 120 members strong? : Or should I say 120 members weak.

During the non-summer months roughly 30% (or 40 members) show up regularly for a meeting. I understand that many members work 2nd shift, don't drive, possibly due to poor health, or live out of town and therefore cannot make meetings. How about the two meter net on Wednesday evening or the 75 meter net on Saturday morning? Surely

telstar #95 (7)

most can check into one of these nets to speak your piece, get the latest on club activities or suggest some club activities, in lieu of attending a meeting.

During the summer months it is impossible to get even a quorum (30 members) to a meeting, therefore no business can be conducted.

Did you know that less than 25% of the club membership runs the club? Most are taxed with several jobs. For example:

N2GAO = President, rprr chairman, bulk mailing chairman, fair station chairman

K2KVS = Vice-President, Ham-O-Rama rep

K2RDD = Secretary, membership chairman

WA2VER = Treasurer, ARRL representative

WG2H = Financial Secretary, Ham-O-Rama rep, bulk mailing co-chairman

KA2RFT = Director, field day chairman

N2IBC = Director, NIKE base club station chairman

WB2EZU = Nike base station co-chairman, election committee chairman, 75 meter Net control, VE group leader

...to name a few. If you think that these people do this because they have tons of free time and nothing to do, think again. They know what it takes to run the club and want to see the club continue to grow and prosper, and most of all survive.

You don't have to attend any meetings to be active in the club. Take over one of the nets for an absent net controller for example, this takes about 20 minutes of preparation and 25 minutes to run the net. John, KA2GXS, is our Insurance Chairman and is unable to make most of the meetings due to personal commitments, he handles our insurance needs every year by making sure the insurance bill is paid and any necessary policy changes are made as needed. Many jobs in the club are of this nature.

Stop and think what could happen if 1/4 of the club (those being active) were to suddenly cease their activity. Would or could you step in to take over one of the vacated positions or would you quit because it is non-progressive and join another?

I admit that such of what any club involves itself in is usually voluntary and often not necessary, but this is not always true. The club cannot exist without officers, as an example.

The club also requires money to operate. One reason why dues have remained low for so long is due to the supplemental income received each year from the Ham-O-Rama. Here, involvement of club members is vital to obtain a healthy cut of the proceeds from this annual event. Ham-O-Rama has faltered in the past few years due to the lack of participation in the organizational duties by all the contributing clubs.

Remember; GIVE A LITTLE, GET A LOT. STARS needs all of its

members, financially and actively to survive. Most jobs, while being vital to the clubs existence, require only a modest amount of work and time don't even require attendance at meetings.

Writing a Telstar article for example is easily done, can be done at home, and aids other club members from your own experience. It also prevents our club paper (an excellent publication, not the editor's viewpoint) from becoming a monthly postcard.

It is a vicious cycle; with more active club involvement comes more community interest, more members with more club participation, etc.....

I think by now the point is across and I can get off my soap box. If you still don't know what the point is, imagine a repeater with no autopatch.

One evening per month, or one hour per week, or 6 hours once a year, or (?) is all it takes to keep a strong, active and interesting club going. To quote a phrase, "Think of the possibilities."

Now onto other things; my thanks to John, KA2RFT, for organizing a superb Field Day and hats off to all who braved the weather and participated. "I heard" that the food prepared by Chef Anthony was delicious! STARS racked up about 893 points.

Volunteers are still needed for the American Lung Association Bike Trek to be held on August 12, 13, and 14. Contact me if you are interested.

The club board has discussed the need to raise the club dues beginning next year. Such an increase is required due to increases in postage, phone bills, Telstar expenses and other club operating expenses. The increase of \$3 per year would bring club dues cost to \$15 per year. The increase represents about 5.7 cents per week. Certainly not bankruptworthy.

This increase requires a change to the club constitution and bylaws for which a popular vote of the club membership is required. It is anticipated that the referendum will be proposed in its entirety in the September Telstar and the vote will be held at the October General Club meeting. Stay tuned for further information.

If this article has offended you, I apologized since this was not my intent; if it has not, please read it again.

GET INVOLVED

Bill, N2GAO

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Before you borrow money from a friend - decide which you need more.

# PACKET

Some of you may have heard some recent illegal traffic on our repeater, the 6.73 repeater, or the 7.165 repeater. The "person" responsible for this traffic is referring to himself as the "black swan". His activities included; use of extremely offensive language, several phone calls to 911 and other police agencies in the emergency auto-dialer, bringing up NOAA, and annoying touch toning. For this reason, the repeater has often been put in the Touch Tone Access Mode". This means that the repeater is asleep and does not transmit until a code is entered. Once the code is entered, the repeater "wakes up" and remains up until either it is put back to sleep by entering another code or until one minute passes without a signal received by the repeater.

The following codes are used for this mode;

- \* 711 wakes repeater up
- \* 710 puts repeater to sleep

Using \* 710 causes the repeater to Identify in CW and then puts it back to sleep. (See page 8 of your Repeater Operations Guide.)

If you are having problems putting the repeater to sleep because of a carrier which may be "holding the repeater up" (ie: someone holds their mike button open when you are trying to enter the codes) end your code sequence with a "D" if you have the A, B, C, D keys on your pad. In this case you will send \* 710D to put the repeater to sleep.

This mode is operational only when a control operator puts the repeater into the Touch Tone Mode. If you try to use the repeater and find that it does not "come back to you", it is probably in the Touch Tone Access Mode. Use the above mentioned codes to wake it up, identify yourself when it "wakes up", make your call, and PUT IT BACK TO SLEEP WHEN YOU ARE DONE! This will keep most of the illegal traffic off the machine.

Should you hear the Black Swan when the repeater is up, do not respond to him, ignore him and switch your rig's receive frequency to that of the repeater (147.690) to determine if he may be near you. If you have a beam, try to get a direction of signal origin and let a board member know where you heard the signal.

In addition, please note that the emergency autodialer has been temporarily disabled until further notice. Also, the new NOAA

weather code is 881\*. Please make a note of these changes.

All club members with 2 meter gear or scanners should monitor the repeater as often as possible and report any illegal operation to a board member.

Also, many members are using repeater functions such as the S meter and autopatch and are not identifying before hand or are identifying so quietly or quickly that they cannot be understood. To avoid being mistaken for illegal traffic, identify clearly and loudly enough to let control operators and other club members know from where the the traffic is coming.

Lastly, remember that all codes are CLUB CONFIDENTIAL and should not be given to any persons outside the club membership.

Bill, N2GAO

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## SAY THAT AGAIN?

Promulgating your esoteric cogitations or articulating your superficial sentimentalities and amicable philosophical or psychological observations, beware of platitudinous ponderosity. Let your conversational communications demonstrate a clarified conciseness, a compact comprehensibility, or coalescent conglomeration or precise garullity, jujune bafflement or asinine affections. Let your extemporaneous verbal vaporations and expatiations have lucidity, intelligibility and veracious vivacity without rodomontade or thespian bombast. Sedulously avoid all polysyllabic profundity, pompous prospensity, pittaceous vacuity, ventroloquial verbosity and valliloquent vapidty. Shun double entendre, obnoxious jocosity and pestiferous profanity, unobservable or apparent.

In other words, say what you mean.

(from August 1988 - World Radio)

(World Radio -editor's note- Now test yourself and send the above in code)

EDITOR'S NOTE - see what can happen when the editor has to seek his own material. Like the article on the 'Andrea Doria' you also brought that about -

ARRL NR 73 (ARL8073) 7/20/88

AMSAT OSCAR 13 IS READY. THE TRANSPONDERS WILL BE TURNED ON FOR GENERAL USE BEGINNING ON ORBIT 81 AT ABOUT 1500 UTC JULY 22. THE SATELLITES FOOTPRINT WILL COVER EUROPE, ASIA AND NORTHERN CANADA. THE FULL WESTERN HEMISPHERE WILL HAVE A013 TRANSPONDER USE ON ORBIT 81 BEGINNING AT ABOUT 2220 UTC FRIDAY EVENING. MOST OF NORTH AMERICA WILL HAVE NEARLY NINE HOURS OF CONTINUOUS COVERAGE.

AMSAT NA IS SPONSORING A SERIES OF FIRST DAY CLUB AWARDS. CONTACT AMSAT HQ FOR DETAILS.

A RECENT KEPLERIAN ELEMENT SET FOR AMSAT OSCAR 13,

CATALOG NUMBER	19216
EPOCH TIME	88193.90000000
MON JUL 11	21R36R00.0 1988 UTC
INCLINATION	57.6540
RA OF NODE	247.5380
ECCENTRICITY	0.6538919
ARG OF PERIGEE	187.2210
MEAN ANOMALY	357.2170
MEAN MOTION	2.09697960
DECAY RATE	0
EPOCH REV	57
SEMI MAJOR AXIS	25183.070
ANOM PERIOD	686.7

OSCARS AND SPECIFICALLY ABOUT OPERATING A013 AND SUITABLE GROUND STATION EQUIPMENT MAY BE FOUND IN AN ARTICLE IN JUNE QST AR

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ARRL BULLETIN NR 75 (ARL8075) 7/22/88

A LAST MINUTE TRANSPONDER OPERATING SCHEDULE CHANGE ON A013 IS REQUIRED TO ALLOW A FEW MORE DAYS FOR SPACECRAFT ATTITUDE ADJUSTMENT. CONSEQUENTLY, MODE B ONLY WILL BE OPERATIONAL FOR THE NEXT FEW DAYS. MODE B WILL BE ON FROM MA 36 TO 210 UNTIL THE FULL OPERATING SCHEDULE INCLUDING MODE L IS IMPLEMENTED NEXT WEEK AR

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DX BULLETIN 22 JULY 88

THANKS TO K1XM, THE SOUTHERN NEW ENGLAND DX ASSOCIATION AND THE YANKEE CLIPPER CONTEST CLUB FOR THE FOLLOWING DX INFORMATION.

IRAQ. YI1BGD HAS BEEN VERY ACTIVE, ESPECIALLY AROUND THEIR SUNRISE. LOOK AROUND 14180 KHZ FROM 2300 TO 0300Z, ESPECIALLY ON THURSDAYS.

CENTRAL KIRIBATI. JIM SMITH, T31JS, IS REPORTED TO HAVE LEFT

telstar #95 (12)

KIRIBATI. QSLs GO TO VK9NS.

PITCAIRN ISLAND. VR6TC HAS BEEN ACTIVE ON 21348 KHZ FROM 0000 TO 0230Z. VR6KB HAS BEEN ON 21402 KHZ FROM 0000 TO 0030Z AND VR6IR HAS BEEN ON 21300 KHZ AT 1800Z SEVERAL DAYS PER WEEK.

ZONE 2. VE2EDK AND VE2DWU ARE ACTIVE FROM ZONE 2. THEY HAVE BEEN ON 15 METER CW AROUND 2300Z. QSL VIA THEIR HOME CALLS.

IVORY COAST. TU4GQ HAS BEEN ACTIVE ON 21253 AND 7008 KHZ. LOOK FOR HIM AROUND 2200Z.

TOKELAU. BING, VK2BCH, IS STILL ACTIVE FROM TOKELAU AS ZK3RVC. HE HAS BEEN OPERATING LOW BANDS AND HAS BEEN ON 3798 KHZ AT 0730Z AND ON 7165 KHZ AT 0830Z.

KURE. KH6LW/KH7 WILL PROBABLY BE ACTIVE FOR A FEW MORE DAYS ON AROUND 14215 KHZ AT 1130Z. HE WILL MAKE CW QSOS ON REQUEST. QSL TO KH6JEB.

OGASAWARA. KA2ID IS EXPECTED TO BE ON FOR ONE DAY ON EITHER THE 27TH OR 28TH, AND WILL PROBABLY BE ON FOR ONE WEEK IN SEPTEMBER.

CORSICA. TK5IU CONTINUES TO BE VERY ACTIVE. LOOK AROUND 14025 OR 7009 KHZ AT 0000Z. QSL INFORMATION IS REPORTED TO BE BOX 223, AJACCIO.

MOZAMBIQUE. THERE IS A RUMOR OF A THREE DAY OPERATION LATER THIS MONTH BY RON, THE OPERATOR WHO WAS C9MKT IN LATE NOVEMBER AND EARLY DECEMBER.

RASD. QSLs FOR SORASD WHICH WERE SENT DIRECT WITH IRCS OR OTHER RETURN POSTAGE ARE BEING ANSWERED VIA THE QSL BUREAUS.

FAROE ISLANDS. A DIGITAL DXPEDITION BY OY/LA4LN AND OY/LA2SR IS SCHEDULED FOR JULY 29 THROUGH AUGUST 1. OPERATION WILL BE ON RTTY, ASCII, PACKET, AND AMTOR WITH SOME OPERATION ON CW AND SSB POSSIBLE. THE PACKET CALL WILL BE LA4LN DASH 14 AND THE AMTOR SELCAL WILL BE LALN. QSL VIA LA4LN AR

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ARRL8076

THE ARRL BOARD OF DIRECTORS HELD ITS SECOND 1988 MEETING IN HARTFORD, CONNECTICUT ON JULY 21 AND 22. PRESIDENT PRICE REPORTED ON THE TIRELESS AND MANY FACETED CAMPAIGN TO RETAIN THE ENTIRE 220 TO 225 MHZ BAND. A 90 DAY EXTENSION WILL BE SOUGHT FOR FILING COMMENTS IN THE NPRM, PR DOCKET 88 139, THE PART 97 REWRITE. COUNSEL WAS DIRECTED TO PETITION THE FCC FOR AMENDMENT OF THE RULES TO SUBSTITUTE THE SUB BANDS 144.275 TO 144.300 MHZ, 220.275 TO 220.300 MHZ AND 432.3 TO 432.4 MHZ FOR AUTOMATIC BEACON OPERATION. FURTHER, THE ARRL BAND PLANS FOR AUTOMATIC BEACON OPERATION FOR HIGHER FREQUENCY BANDS WERE AMENDED. GUIDELINES FOR VHF UHF SPECTRUM MANAGEMENT WERE ADOPTED FOR RECOMMENDED USE BY THE PACKET

telstar #95 (13)

RADIO COMMUNITY.

IN A MOVE TO ASSIST IN SETTLING REPEATER COORDINATION DISPUTES, THE LEAGUE WILL OFFER ITS GOOD SERVICES TO ARRANGE FOR BINDING ARBITRATION THROUGH THE AMERICAN ARBITRATION ASSOCIATION. FURTHER, THE BOARD AFFIRMED ITS AGREEMENT WITH THE SPECIFIC TERMS OF THE FCC REPORT AND ORDER IN PR DOCKET 85 22 THAT THERE CAN ONLY BE ONE RECOGNIZED FREQUENCY COORDINATOR FOR A GIVEN BAND AND GEOGRAPHICAL AREA. ACCORDINGLY, FREQUENCY COORDINATORS IN AREAS NO IN DISPUTE ARE ACKNOWLEDGED BY VIRTUE OF THE RECOGNITION ACCORDED THEM BY THE AMATEUR COMMUNITY. FURTHER, THE ARRL WILL SEEK AN FCC REAFFIRMATION OF THE PRINCIPLES SET FORTH IN DOCKET 85 22 IN SUPPORT OF FREQUENCY COORDINATION EFFORTS.

THE BOARD ENDORSED AN INFINITY CREDIT CARD PROGRAM TO BE MADE AVAILABLE TO INTERESTED LEAGUE MEMBERS, WITH HALF THE DERIVED FUNDS TO BE ALLOCATED TO THE FUND FOR DEFENSE OF AMATEUR FREQUENCIES.

IN THE OPERATING ARENA, THE BOARD MOVED TO SUPPORT EFFORTS TO INCLUDE A COMPETITIVE AMATEUR RADIO ACTIVITY IN THE 1990 GOODWILL GAMES IN SEATTLE, AND ESTABLISH THE PRINCIPLE OF AN AMATEUR AWARENESS DAY TO PROMOTE AMATEUR RADIO DISPLAY STATIONS IN PUBLIC PLACES. FURTHER, THE UTILITY OF THE SIMULATED EMERGENCY TEST AND WAYS TO ENCOURAGE NOVICE AND TECHNICIAN USE OF CW WILL BE STUDIED.

THE BOARD FURTHER ESTABLISHED THE GOAL OF DOUBLING THE NUMBER OF RADIO CLUBS IN SCHOOLS BY THE END OF 1991. THE FEASIBILITY OF CLUBS PROVIDING CLASSES ON PUBLIC BROADCAST AND CABLE TV WILL BE STUDIED.

THE FOLLOWING SPECIAL RECOGNITION AWARDS FOR THE YEAR 1987 WERE CONFERRED. TECHNICAL EXCELLENCE AWARD TO W7XC. INSTRUCTOR OF THE YEAR AWARD TO K7NUL. HIRAM PERCY MAXIM AWARD TO KA9WDE. PROFESSIONAL TEACHER OF THE YEAR AWARD TO WB2JKJ AND WB2HGP. INTERNATIONAL HUMANITARIAN AWARD TO WB2GQW.

THE FEASIBILITY OF INSTITUTING A DEDICATED 800 NUMBER FOR MEMBER ORDERS TO HQ WILL BE STUDIED. DEVELOPING AN ENTRY LEVEL GUIDE FOR EMERGENCY COORDINATORS WITH SELF TEST WAS APPROVED.

THE 1990 ARRL NATIONAL CONVENTION WILL BE HELD IN KANSAS CITY, MISSOURI, JUNE 8 THROUGH 10, UNDER THE AUSPICES OF THE PHD ARA.

MINUTES OF THE MEETING WILL BE IN THE SEPTEMBER ISSUE OF QST. THE NEXT MEETING OF THE BOARD IS SCHEDULED FOR HARTFORD, CONNECTICUT ON JANUARY 20 AND 21, 1989

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ARLP030

SINCE LATE JUNE THE SOLAR FLUX HAS REACHED 133 OR HIGHER DAILY, AND THE JULY 1 FLUX PEAK OF 193 WAS A SIGNIFICANT LANDMARK. TO PUT THE FLUX FIGURES IN PERSPECTIVE, THE CYCLE 22 HIGH WAS ONLY 129 AS

telstar #95 (14)

RECENTLY AS LAST MARCH, AND THE LOW THAT MONTH WAS 101. FLUX NUMBERS IN THE 90S WERE RECORDED AS RECENTLY AS LAST FEBRUARY.

THE SIGNIFICANCE OF THE HIGH JUNE AND JULY FIGURES IS LOST TO SOME DEGREE BECAUSE PROPAGATION IN THE NORTHERN HEMISPHERE IS RARELY VERY EXCITING AT THIS TIME OF YEAR. WITH THE EARLY SUMMER SPORADIC E SKIP BEGINNING TO DIE OUT, CONDITIONS WILL BE GENERALLY BETTER ON THE LOWER DX BANDS, BUT NEWCOMERS TO THE 10 METER BAND WILL MISS THAT MODE.

AFTER EARLY SEPTEMBER ALL THE DX FREQUENCIES WILL TAKE ON A VERY DIFFERENT CHARACTER. THIS WILL BE HELPED MARKEDLY BY THE HIGHER FLUX LEVELS EXPECTED THIS FALL, WITH CYCLE 22 ENTERING ITS THIRD YEAR.

FOR THIS WEEK THERE SHOULD BE SOMEWHAT HIGHER FLUX LEVELS, BUT THE PRESENT WOBBLY SHAPE OF THE FLUX CURVE MAY CONTINUE FOR SEVERAL DAYS YET. THE SUNSPOT PICTURE IS CURRENTLY FAR BELOW WHAT WAS IN VIEW LAST MONTH WHEN THE SAME AREAS OF THE SUN WERE VISIBLE. THERE SHOULD BE SOME CHANGE FOR THE BETTER THIS WEEK, BUT REAL PROPAGATION PROBABLY AT LEAST A MONTH AWAY. SHOULD THERE BE ANY MARKED CHANGE FOR THE BETTER, A SPECIAL BULLETIN WILL BE PREPARED BEFORE THE USUAL ONE WEEK INTERVAL HAS PASSED.

AMERICAN SUNSPOT NUMBERS FOR JULY 14 THROUGH 20 WERE BETWEEN 86 AND 125 WITH A MEAN OF 102.1

telstar #95 (15)