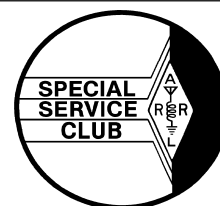


FEEDBACK



AUGUST 2001

VOLUME 46 NUMBER 8



AUGUST MEETING

The meeting for the month of August will be held at the Massillon Senior Center on August 3, 2001 at 8:00 PM.

At this meeting our Club Secretary will report on our "Latest, and probably Greatest" Safety Break that was held July 2 - 8 at the Dover Exit on I - 77. This was the longest and perhaps the best Safety Break we have ever done! Our Chairman Perry, W8AU gives a complete run - down on the Safety Break on Page 4. Be sure to read the results and accomplishments of our members. (Financial results are not printed in the Feedback).

FIELD DAY RESULTS

As promised in last month's Feedback, we now have the final results for the Massillon Amateur Radio Club's Field Day 2001. They are:

CW		DIGITAL	
BAND	QSO's	BAND	QSO's
160	3	20	15
80	215	15	3
40	216	2 (Sat)	1
20	147		
NOV.	5		
	----		----
TOTAL	645	TOTAL	19

PHONE	
BAND	QSO's
80	9
40	366
20	205
15	120
10	6
6	34
2	12

TOTAL	753

We claimed the following bonus Points:

100 % Emergency Power (generator)
Media Publicity
Set - up in Public Place
Information Booth
Message to ARRL SM/SEC
W1AW Field Day Message
Formal Messages Handled (1)
Satellite QSO Completed
Site Visited By Invited Officials
Non - Traditional Demonstrations ATV, PACKET, LIGHTWAVE

This gave us bonus points of **1,010** (estimated, ARRL will verify bonus points and add to our final score) :

**GRAND TOTAL : 1,460 QSO's
5,170 POINTS**

(continued on page 5)

- SHORT SKIP -

Ten - Tec is looking for comments and suggestions from hams on its proposed new model 516 "IF - DSP " QRP 1-5 watts software defined transceiver. The rig is expected to hit the market in January for under \$ 600.00. For more info check: www.tentec.com/TT516.htm.

Unrelated, but also in the works is a porsche SUV. Wonder if they need any input or perhaps test drivers ? (HI)

73 DE WB8OWM

MARC MINUTES

FRIDAY JULY 6, 2001

The July MARC Meeting was called to order by VP Gene W8KXR in the Absence of President Don W8DEF, who had other commitments for that evening.

The Pledge of Allegiance was given and a round of introductions was made.

A motion to accept last month's minutes was made by Jim WA8GXM and seconded by Dan N8DZM.

The Treasurers Report was made by Ann N8GAF. Motion to accept was made by Tim WB8HHP to accept it and motion carried.

OLD BUSINESS

Field Day reports are not ready yet. They are still being compiled by Gary WC8W and Terry N8ATZ. They promised the reports will be ready for the August issue of *Feedback*.

A few spoons and bowls were left over from Field Day and can be claimed if you forgot any.

NEW BUSINESS

Jim WA8GXM said they needed help with the July 29 Kick - Off Parade and the August 4th Hall Of Fame Grand Parade. To volunteer, please check into the 147,120 Repeater on Tuesday evenings during(or after)the ARES net. They will be soliciting for volunteers for the next couple weeks.

Gary WC8W brought up the need for a Concessions type of trailer for the Safety Breaks. He stated that the tent would not hold up to a real storm and it was understood that ODOT (although they have not said anything officially) does not like tents for security reasons.

Don W8DEA, said that the ARRL is coming out with a video for the Technician Class Exams, he will check into it as to cost, and text.

Gene W8KXR, read the correspondence that the club has received over the month.

Gene W8KXR, closed the meeting at 8:50 PM

The 50 - 50 was won by Steve N8XVT for \$ 8.00.

There were 18 members present.

Thanks to Kip K8KIP for taking the minutes this month as Don and Linda had other commitments. THANKS KIP !!

..... FIELD DAY 2001 - MARC STYLE

The title says it all Field Day 2001 MARC Style was once again something to be proud of. Yes, we haven't forgot the true role Field Day plays in emergency communications preparedness, but again this year we've taken the event way beyond that, our Field Day was FUN ! So fun in fact this years attendance was over sixty members and guests.

Our largest club participation event, Field Day is designed to be something for everyone. Besides the normal voice and morse code stations, we also had set up and operating stations on 2 meter FM & SSB, 6 meter FM & SSB and 440 SSB along with a Novice Station. Just the ticket for those new to Field Day operation, we had a few new operators in attendance this year who experienced FD operation for the first time ever.

Last years defeat at a Satellite contact made us more determined than ever to succeed this year. We learned some valuable lessons last year that we improved upon for this years attempt. We had hoped that the newest "bird", AO-40 would be operational this year to make the job easier but regrettable technical problem since liftoff made that impossible. Saturday evening thanks to some very hard work by our "Mission Control" directors Jason - KC8LIN and Dan - N8DZM along with Jim - WA8GXM at the microphone we achieved a successful satellite contact during a strong pass. Congratulations Guy's well done !

Field Day is also about demonstrating our capabilities to visitors and the general public. Thanks to a very nice article that appeared in the weekend edition of the Massillon Evening Independent several visitors dropped by to see what this hobby was all about. One special guest who paid us a visit was President of the Perry Township Board of Trustees, Mr. Lee Laubacher. Club President Don Finley - W8DEF, escorted Lee around our site and explained our participation in Field Day and demonstrated some of our unique communications capabilities including our newest interest - Amateur Television - while explaining the special application Ham TV could have during public service activities and emergency situations. Lee was presented with some brochures from our Information Center detailing many of our recent club activities. Lee was very impressed with our setup and thanked us for inviting him to our Field Day.

What would Field Day be without great food ? This is an area where we have gone all out every year. Last years Pig Roast was a big success but lots of work so this year we went back to our traditional menu of steaks, burgers and hot dogs plus all the side dish trimmings and deserts thanks to the MARC wives. Our chief cook Dan Anastis - N8DZM again did a great job on the barbecue. No one goes away hungry from a MARC Field Day at meal time !

What else makes up a MARC Field Day ? Why socializing of course ! Just visiting with each other is a big part of the weekend event. Discussing the latest article from the

numerous ham magazines laying about or operating techniques is always in store. By the way, did you know you can tell how the weekend event is progressing by the phonetics being used at the phone station ?

Using phonetics with your call sign is often used in contests to help other stations pick out your call sign over everyone else's. At the start of Field Day we just stick with giving out our club call sign - W8NP. Sure enough though before long we begin using phonetics to help punch through the crowd. Somewhere around 4 PM its made its way to Whiskey Eight November Papa, traditional amateur phonetics. Those with a public service background will sometimes go with William Eight Nora Paul. Now while this works for a while I noticed a little later it had changed to Whiskey Eight North Pole. This was a little more unique and helped us punch through a few more pileups !. I'm afraid from there our technique tended get a little more rougher, by the wee hours of the morning we had to degenerated to the truly disgusting sound of CQ FIELD DAY, THIS IS WHISKEY EIGHT NOSE PICKER ! Hey, what can I say ? Things get a little rougher on a midnight shift ! As bad as those phonetics are, I'm afraid I've heard a few totally shameless expressions on very rare occasions - shame, shame guys !.

Operating - yes its about this also, testing our skills, our equipment, our capabilities should they be called upon to assist in some local community event or emergency situation. We have always been active in this area and continue to be a strong civic volunteer.

Field Day is about lots of other things too, most of all fun !. Strong club involvement has always made this a very successful event and this year carries on the fine tradition of Field Day. No matter what the final score, my official score card was a perfect 10 ! Thanks to all the club members who worked very hard to make this another great event. W8NP Blimps, Navy Light Signal Lamps all add up to the kind of special time you can only have at Field Day - Massillon Amateur Radio Club Style !

Be sure to check out our Photo Album page for some great pictures from Field Day weekend thanks to club member and staff photographer Ed Klinger - WA8DRT.

Out of time for this month, I've been on vacation and dedicated it to remodeling my bathroom after 30 years ! But the good news is I think Lynnette will let me buy a new radio when I visit Ten-Tec later this month on my REAL vacation. I'll let you know.

**Till next time,
Terry - N8ATZ**



WE DID IT!

**Tough Assignments? WE handle them easily.
Impossibilities? They take a little longer.....**

The MARC Team just completed an unbelievable TWO major operations within a two week period..... a very successful multi-faceted Field Day which took about three total days from preparation to tear-down, and then a 7 day 158 hour continuous Safety Break I-77 operation which again was extremely successful and beneficial for the club.

What we gave to the public: 40 cases of soft-drink cans (960), 7 cans of coffee for 2100 cups of brewed coffee, 60 gallons of lemonade, 55 dozen donuts/pastry, 26 dozen home-made cookies/cupcakes, 400 bags of Animal Crackers, 400 bags of pretzels and 17 dozen Oreo cookies. Add random cups of Hot Chocolate, Cold Water, and Hot Tea.....Wow! (No apples from Sunnyslope....not in season yet)

Although 158 hours was the actual run time for the Safety Break, some shifts were covered by three people. (Some found it a lot of fun and worked extra) The total man-hour figure was 339! Consider the driving time for everyone, each person's shift(s) amounted to 8 hours each. Other factors were time committed to Preparations, Baking of Home-made cookies/cupcakes, Daily donut runs and packaging, additional soft-drink and lemonade supply runs, and the initial trip and calls to New Phila for assignment details.

Out of a club membership of around 90, 28 members and 6 non-members combined for a total of 517 hours of selfless volunteer help. The benefits are a renewed sense of "teamwork" and a very substantial contribution to the club treasury. Due to this success we need no further Safety Break work for the remainder of 2001. The rest of the year will be "fun and games." (with the exception of Hamfest, of course!)

We deeply thank the following members and non-members for their super effort..... We are indebted to you all. The teamwork goes on...!

W8AU	Perry Ballinger.....37 hrs
W8DEF	Don Finley.....30 hrs
WD8MIJ	Steve Nevel.....30 hrs
N8GAF	Anne Ballinger.....28 hrs
WA8GXM	Jim Farris.....26 hrs
WC8W	Gary Kline.....24 hrs
N8ATZ	Terry Russ.....24 hrs
N8TZB	Saundy Becker.....24 hrs
N8XEO	Shelby Foss.....24 hrs
K8MOO	Linda Finley.....18 hrs
	Lynnette Russ.....18 hrs
W8DEA	Don Wade.....16 hrs
WA8NZE	Stan Smith.....16 hrs
WD8CIB	Arlan Smith.....16 hrs
W8KXR	Gene Beckwith.....16 hrs
	Marilyn Beckwith....16 hrs

KC8LIN	Jason Stroll.....15 hrs
N8DZM	Dan Anastis.....14 hrs
K1FFA	Dennis Finley.....12 hrs
WA8DRT	Ed Clinger.....11 hrs
	Mary Farriss.....10 hrs
	Trisha Farriss.....8 hrs
K8DON	Don Lebo.....8 hrs
KC8LYG	Rick Garner.....8 hrs
KB8STV	Charlie Scherger.....8 hrs
N8KXO	Bob Ballinger.....8 hrs
KC8HRU	Jeff Crawford.....8 hrs
WD8MIU	Wade Huthmacher...8 hrs
AB8FB	Bruce Putnam.....8 hrs
KC8IHR	Gary Blagg.....8 hrs
KC8KIX	Jeff McKinney.....8 hrs
KA8ZQH	Rich Ross.....8 hrs
WD8IKC	Doris Smith.....2 hrs
	xyl of Arlan Smith....2 hrs

Jul 13, 2001 6:44 AM PT Scientists create world's most precise clock

WASHINGTON—Using sophisticated laser technology and a lone atom of mercury, U.S. government scientists have created the world's most precise clock — a device that ticktocks circles around the best previous timepieces, according to research published on Thursday.

Scientists at the National Institute of Standards and Technology (NIST) in Boulder, Colorado, developed a new type of atomic clock that produces about 1 quadrillion "ticks" per second and promises to be far more accurate than the current top standard in time measurement—cesium-based microwave atomic clocks.

"We've demonstrated for the first time the next generation of atomic clocks, which have the potential to be 100 to 1,000 times more accurate than the current cesium-based microwave clocks," physicist Scott Diddams, who led the research appearing in the journal Science, said in an interview.

The new all-optical atomic clock—so named because of its reliance on laser technology—measures the shortest intervals of time ever recorded. In fact, those intervals are 100,000 times shorter than those observed by the best current clocks. The new atomic clock could improve navigation technology, as well as communications technology such as cellular telephones and fiber optics, Diddams said. The new clock also may help provide answers to some exotic scientific questions relating to Albert Einstein's theory of general relativity and the plasticity of time, Diddams added. — Reuters

END TO AMATEUR EMERGENCY COMMUNICATIONS?

A new 800MHz, voice and data network for the Ohio Highway Patrol and 11 other health, safety and emergency agencies got underway in the fall of 1998. The comprehensive system, called the Multi Agency Radio Communications System or MARCS, will provide inter-agency communication in emergencies and improve communication abilities overall.

The \$24.9 million first phase of MARCS has been awarded. The entire project is estimated to cost \$271.9 million and should be complete in about five years. Ray Smith is the administrator for the project.

Features of the system include mobile computer terminals, automatic vehicle locators, computer-assisted dispatching, detailed mapping and imaging. The system will require 201 radio tower sites across the state. Some of the Ohio Educational Telecommunications Network tower sites will be used by MARCS.

While the heart of MARCS will be voice communications, the new system will also include a satellite-based tracking network to pinpoint the location of patrol cars and in-car computers to access license and criminal records.

MARCS' first phase to build the backbone of the system and provide communications for seven state prisons is estimated to take 10 months to complete.

MARCS replaces low-band, weather-and-terrain-sensitive communications systems that have been in operation for 50 years. Static, interference and frequency incompatibilities made it difficult for health and safety forces to communicate adequately in emergency situations.

The completed MARCS project is expected to cover 97.5 percent of the state and be the largest of its kind in the nation. Agencies involved in the project include: Attorney General, Commerce, DAS, Emergency Management, Environmental Protection, Highway Patrol, Natural Resources, Public Utilities Commission, Rehabilitation and Correction, State Fire Marshall, Taxation, Transportation, Turnpike Commission, and Youth Services

Thanks to *Joe Mamich (KB8VJU)* and *Ohio state's website* for the above information.

**73 until next month,
Jason Stroll (KC8LIN)
2001 Jason Productions**

(continued from page 1)

**COMPARISION : YEAR
2000**

1709 QSO's TOTAL 5,728 POINTS

**YEAR
1999**

1050 QSO's TOTAL 3,644 POINTS

**YEAR
1998**

799 QSO's TOTAL 3,164 POINTS

**YEAR
1997**

1383 QSO's TOTAL 4,954 POINTS

ARRL NEWS

ARLD030 DX news

ZCZC AE30
QST de W1AW
DX Bulletin 30 ARLD030
From ARRL Headquarters
Newington CT July 26, 2001
To all radio amateurs

This week's bulletin was made possible with information provided by Tedd, KB8NW, the OPDX Bulletin, The Daily DX, QRZ DX, 425DXnews, DXNL and Contest Corral from QST. Thanks to all.

CYPRUS, 5B. Tom, SP5UAF, is QRV as 5B4/SP5UAF until August 5. He is active on all HF bands using CW, RTTY and PSK31. This includes an entry in the RSGB IOTA contest. QSL to home call.

MALTA, 9H. 9H4JB will be active from Gozo Island, IOTA EU-023 during the RSGB IOTA contest.

EAST MALAYSIA, 9M6. Peter, G4MJS, is QRV as 9M6A until about August 1. QSL via N2OO.

TAIWAN, BV. BW0TCC has been QRV on 21016 kHz around 1500z and again at 1630z. QSL via BV4CN.

THE GAMBIA, C5. Peter, G2YT, will be QRV as C56YT, from July 28 to August 9, on 40 to 10 meters using SSB. QSL via VK4AO.

IRELAND, EI. Look for EI5GM, EI4IS and EI1CS to be QRV as EJ3HB from Sherkin Island, IOTA EU-121, until July 29. QSL via operator's instructions.

ST. PIERRE AND MIQUELON, FP. Look for K9OT, NN9K and KB9LIE to be QRV as FP/homecalls from Miquelon Island, IOTA NA-032 until July 31. Activity is on 80 to 6 meters, including the newer bands, using CW, SSB and PSK31. Listen for their beacon on 50102 kHz. They will be active in the RSGB IOTA contest as FP/K9WM. QSL all calls to home calls, and the contest call via NN9K.

SCOTLAND, GM. Jim, MM0BQI, will be QRV as GB5SI from the island of Tanera Mor, IOTA EU-092, in the Summer Isles, from July 27 to August 3. Activity will be on 80 to 6 meters, using CW, SSB, RTTY and PSK31. QSL to home call.

ARGENTINA, LU. Radio Club Tandil members are QRV as LT2D for one year during all contest. Look for them in the RSGB IOTA contest. QSL via LU2EE.

GREECE, SV. Panos, SV8DTL, and Evi, SV8DTZ, will be QRV from Thassos Island, IOTA EU-174, as SW8T from July 28 to 29. Activity will be on 80 to 10 meters. QSL via SV8DTL.

CANADA, VE. The West Island ARC of Quebec is QRV until August 1 as XM2CWI. Activity is on 80 to 6 meters using CW, SSB and PSK31. This includes an entry in the RSGB IOTA contest, QSL via VE2CWI.

MEXICO, XE. Masa, XE1ZOI, and Ramon, XE1KK, are active from Cozumel Island, IOTA NA-090, as 4A3ZOI and 6H3KK, using CW and SSB, respectively, until July 29. This includes an entry in the RSGB IOTA contest. QSL via home calls.

CAMBODIA, XU. Frank, DL4KQ, is QRV as XU7ABR until August 3. Activity is on 160 to 6 meters, using CW, SSB, RTTY and PSK31. QSL to home call.

INDONESIA, YB. John, YB5NOF, is active from Rupert Island, IOTA OC-245, and will be QRV in the RSGB IOTA contest using SSB. QSL to home call.

THIS WEEKEND ON THE RADIO. The RSGB Islands-On-The-Air Contest is scheduled for this weekend. Please see July QST, page 111 for details.

NNNN
/EX

ARLP031 Propagation de K7VVV

ZCZC AP31
QST de W1AW
Propagation Forecast Bulletin 31 ARLP031
From Tad Cook, K7VVV
Seattle, WA July 27, 2001
To all radio amateurs

SB PROP ARL ARLP031
ARLP031 Propagation de K7VVV

It is summertime, but not too early to look forward to fall HF radio conditions. F-layer propagation should return to 12 and 10 meters in the fall, particularly for those of us operating in the higher latitudes. The summer solstice was on June 21 this year, and the autumnal equinox will be September 22. This places the mid-way point between the longest day and the equinox about 10 days from now.

There aren't many sunspots currently visible, and a holographic image of the far side of our star shows no substantial sunspot groups.

Average daily sunspot numbers over the past week dropped ten points, and average solar flux was down just over two points. Solar flux values have been meandering, and this is expected to continue. Solar flux values over the next week should be flat, around 120 from July 28 through August 2. Solar flux could gradually rise after that, but not much of a peak is expected, unless new activity develops. The holographic image of the sun's far side gives us a hint of things to come, since any activity exactly opposite from our view should be back on earth side in about two weeks.

Although there hasn't been much sunspot activity, we have recently been affected by a high speed solar wind emitted from a coronal hole. This accounts for the planetary A index of 15 and 22 on Tuesday and Wednesday. Current forecasts show the planetary A index dropping to around 12 on Friday and below 10 on Sunday, then possibly rising to around 15 on Tuesday and Wednesday.

Sunspot numbers for July 19 through 25 were 180, 193, 153, 153, 143, 143 and 96 with a mean of 151.6. 10.7 cm flux was 142.3, 142.6, 139, 140.4, 143.2, 132.5 and 133.3, with a mean of 139, and estimated planetary A indices were 9, 8, 8, 11, 12, 15 and 22 with a mean of 12.1.

NNNN
/EX

ARLB028 ARRL Petitions for New 60-Meter Amateur Band

ZCZC AG28
QST de W1AW
ARRL Bulletin 28 ARLB028
From ARRL Headquarters
Newington CT July 26, 2001
To all radio amateurs

A petition filed this week by the ARRL could result in a new high-frequency band for US amateurs. The ARRL has asked the FCC to allocate 5.250 to 5.400 MHz to the Amateur Service on a domestic (US-only), secondary basis.

The League told the FCC that the new band would aid emergency communication activities by filling a "propagation gap" between 80 and 40 meters. "There are times on certain paths when a frequency in the 80-meter band is too low, and a frequency in the 40-meter band is too high for reliable ionospheric propagation," the ARRL said in its petition. The ARRL said the propagation gap can hamper communication between the US and the Caribbean during a hurricane or severe weather emergency.

The ARRL Board of Directors approved the proposal at its July 20-21 meeting. The FCC has not yet invited public comments on the petition. Even if the petition finds favor with the FCC, it's likely to be several years before the new band actually becomes available.

As proposed by the ARRL, amateurs General class and higher would be permitted to operate phone, data, image and RTTY on the new band running maximum authorized power. No mode-specific subbands were proposed.

The ARRL said a new 150-kHz allocation at 5 MHz also could relieve substantial overcrowding that periodically occurs on 80 and 40. If the new band is approved, hams would have to avoid interfering with—and accept interference from—current occupants of the spectrum, as they already do on 30 meters. The band 5.250 to 5.450 MHz now is allocated to Fixed and Mobile services on a co-primary basis in all three ITU regions.

The ARRL's petition cites the success of the League's WA2XSY experimental operation in the 60-meter band, carried out since 1999, which confirmed the communication reliability of 60 meters.

"An amateur allocation in this band would improve the Amateur Service's already exemplary record of providing emergency communications during natural disasters when even modern communications systems typically fail," the ARRL concluded.

A copy of the ARRL petition is available on the ARRL Web site, <http://www.arrl.org/announce/regulatory/5MHz>

NNNN
/EX

From the Ohio Section Journal, Ron Griffin, N8AEH, Findlay, editor.

From Nobody to "The Man" in Four Fruitful Years

Before 1997, he was in the FCC's version of the Witness Protection Program. The only letters he wrote were to other government bureaucrats and outside of that office, only one ham in ten thousand had ever heard of him.

Fast forward now four years later at the 2001 Dayton Hamvention where he conducted one of the best attended Forums. Every ten minutes his remarks were interrupted by applause of hams appreciating his work. He is so well known now in the ham community, his last name is hardly spoken because no one needs to use it.

For us "The Man" is simply called "Riley." Letters he writes now tend to shake up the amateur radio spectrum. At one time, BR or "Before Riley," the FCC was considered by most as some ineffective, nonsense agency that ONCE WAS HAM FRIENDLY. But since 1997, or in the era of Riley, the FCC is not only respected but, in some circles, feared. Now when Riley speaks, people listen - very carefully.

At the Hamvention Forum, Riley Hollingsworth, K4ZDH, and his FCC boss, Bill Cross, W3TN, explained the new direction we all need to take to enforce FCC rules and keep our frequencies clear of junk. It would be a waste of space to recap the last four years of Riley's work. Those hams who do not know this have just returned from a four year hiatus on the planet, Uranus.

But the focus in that work is about to change. The old concentration was on malicious interference and rules violation. That will continue but a new spotlight, Riley told us, will be about stupidity on the frequencies - a tougher foe of spectrum peace and more difficult to clear up. But, as he explained, "we just don't want our bands to host shortwave radio's version of the Jerry Springer Show." Even Jerry Springer fans applauded.

He was referring to radio rage or QSOs that are nothing more than heated arguments. Also a look at those hams who do not know the accepted band plan of the frequency they are using. Band plans aren't mandatory, he reminded us, but using standardized accepted practice helps everyone. Radio rage isn't illegal, just stupid and unpleasant. Making bands more pleasant to use is just as important as keeping them free of illegal activity, he suggested.

And we will listen and work with him. Why? One reason is that Riley has accomplished something only accomplished one other time in the almost 100 years of amateur radio. This hobby has its stars. King Hussein, JY1(sk); Senator Barry Goldwater, K7UGA(sk); Walter Cronkite, KB2GSD; Ronnie Milsap,

WB4KGC; Joe Walsh, WB6ACU; and the like. This is a list of accomplished people in other fields who also held amateur radio licenses.

But only Hiram Percy Maxim, W1AW, who founded the ARRL, and Riley have, in these past 100 years, achieved this level of fame on ham radio activities alone.

-30-



TAKE A LOOK AT THIS...

- 1.. 50 foot of Dover tower. The tower is down.
 - 2.. Hi-Gain Tail Twister Model T2X with 100 foot of rotor cable and control box.
 - 3.. Mosley Six Element TA-36
- \$750 for the group. Items may be negotiated separately prefer to sell as a group.

Manuals provided with the antenna and the Tail Twister.

Contact John N8ZXB at 330 - 344 - 8831

FIELD DAY PICTURE PAGE



What the well dressed ATV'er is wearing at Field Day! Here is Don W8DEF taking pictures while Jim WA8GXM assembles the beam antenna for the phone station.



Igor WB8KEO prepares to launch the SS "Hindenburg"



OOPS - Crash & "Burn"



SUCCESS !1 At last

August 2001

Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<div> <div> July S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 </div> <div> September S M T W T F S 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 </div> </div>			1	2 7:30 PM QCWA (Chapter 21) Net, 147.180	3 Massillon ARC Meeting	4 VE TEST NOON@AES in Wickliffe, OH call Scott@440- 256-0320
5 Stark County Mutual Aid Net 146.520 11:30 AM	6 Sloppy Fist Net every Monday thru Friday at 9PM on 28.138	7	8	9 7:30 PM QCWA (Chapter 21) Net, 147.180	10 BD KB8UMO West Stark Info Net 147.180 at 8:00 PM	11
12 Stark County Mutual Aid Net 146.520 11:30 AM	13	14 VE TEST Cuyahoyga Falls ARC.Call Steven@330- 724-2247 Stow, OH	15 Canton ARC Meeting 7:30 PM	16 7:30 PM QCWA (Chapter 21) Net, 147.180	17 West Stark Info Net 147.180 at 8:00 PM	18 BD K8EJN
19 Stark County Mutual Aid Net 146.520 11:30 AM	20 BD KF8EB	21 BD KC8LIN	22	23 7:30 PM QCWA (Chapter 21) Net, 147.180	24 West Stark Info Net 147.180 at 8:00 PM	25 VE TESTCanton & Massillon ARC'S 9:00 am Call Gary Kline@330- 837-2927
26 Stark County Mutual Aid Net 146.520 11:30 AM	27 BD W8JT Sloppy Fist Net every Monday thru Friday at 9PM on 28.138	28 BD WA8DRT	29	30 7:30 PM QCWA (Chapter 21) Net, 147.180	31 West Stark Info Net 147.180 at 8:00 PM	