

B-VARC BULLETIN

The Monthly Publication of the
BRAZOS VALLEY AMATEUR RADIO CLUB

Serving Fort Bend and Harris Counties

Editor-in-Chief: Irv Smith, KBSEXM 437-4803
Production Manager: Roland Torres, KB5EQH 933-4143

About the Brazos Valley Amateur Radio Club . . .

Organized in 1977, the club has been growing steadily. It is a gathering place for HAM radio operators in Fort Bend and Southwest Harris Counties, and surrounding communities. It is a general-purpose type of HAM club offering a variety of activities open to all interested persons. Membership is open, not only to licensed HAM operators, but also to anyone interested in the hobby. In addition to regularly-scheduled membership meetings, the club each year conducts classes leading to amateur radio licenses, and each month sponsors a volunteer-examiner team which offers examinations in all levels of HAM licenses.

For information about the club and any of its activities, please call Stu Lamkin, WB5IGG, (713) 777-3345.

Volume: 12 Issues: 7

July 1989

ADDRESS CORRECTION REQUESTED

From: Brazos Valley Amateur Radio Club, Inc.
P.O. Box 1630
Missouri City, TX 77459
Telephone: (713) 777-3345



B-VARC Meeting Schedule

Thursday, July 13 General Meeting
7:30 pm Missouri City Fire Station
(Meet at Hitching Rail for BBQ @ 6:30)

Thursday, Aug. 3 Board Meeting
7:30 pm Missouri City Fire Station

Stu Lamkin WB5IGG
7401 Heilig
Houston, Tx 77074

D-VARC CALENDAR: JULY 1989

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>HOUSTON AREA VEE EXAM INFO: STU (MBSIGG) 713-777-3345</p>	<p>FUTURE MEETINGS: AUG 3: BOARD MEETING AUG 10: GENERAL MEETING</p>	<p>FUTURE B-VARC & PUBLIC-SERVICE EVENTS: SEPT 11: NOVICE CLASS STARTS OCT. 14: ALA-200 BIKE RIDE TO SAN ANTONIO</p>				
<p>2 W HOUSTON RACES 2000 hrs 146.66</p>	<p>3 ARES B-VARC NET 2000 hrs 2100 hrs 147.30 145.47</p>	<p>4 10 X SHOT AMSAT 2000hrs 2200 hrs 28.488 145.45</p>	<p>5 B-VARC C.W. CODE RAG-CHEW PRACTICE 2030 hrs 2030 hrs 3.960 147.32 (Up 3 KHz, etc if busy)</p>	<p>6 BOARD MEETING 1950 hrs M.C. FIRE STATION #1 (KEY MAP STD-7)</p>	<p>7 LUNCH BUNCH 1130 hrs: LOCALE VARIES (CHECK IN: 442.5 OR 443.15)</p>	<p>8 C.W. B-VARC BREAKFAST 2030 hr 0730 hrs DENNY'S 147.32 SHARPSTOWN</p>
<p>9 W HOUSTON RACES 2000 hrs 146.66</p>	<p>10 ARES B-VARC NET 2000 hrs 2100 hrs 147.30 145.47</p>	<p>11 10 X SHOT AMSAT 2000hrs 2200 hrs 28.488 145.45</p>	<p>12 B-VARC C.W. CODE RAG-CHEW PRACTICE 2030 hrs 2030 hrs 3.960 147.32 (Up 3 KHz, etc if busy)</p>	<p>13 GENERAL MEETING 1950 hrs M.C. FIRE STATION #1 OPTIONAL BBQ @ 1800 hrs HTCHING RAIL STAFFORD</p>	<p>14 LUNCH BUNCH 1130 hrs: LOCALE VARIES (CHECK IN: 442.5 OR 443.15)</p>	<p>15 C.W. B-VARC BREAKFAST 2030 hr 0730 hrs DENNY'S 147.32 SHARPSTOWN</p>
<p>16 W HOUSTON RACES 2000 hrs 146.66</p>	<p>17 ARES B-VARC NET 2000 hrs 2100 hrs 147.30 145.47</p>	<p>18 10 X SHOT AMSAT 2000hrs 2200 hrs 28.488 145.45</p>	<p>19 B-VARC C.W. CODE RAG-CHEW PRACTICE 2030 hrs 2030 hrs 3.960 147.32 (Up 3 KHz, etc if busy)</p>	<p>20</p>	<p>21 LUNCH BUNCH 1130 hrs: LOCALE VARIES (CHECK IN: 442.5 OR 443.15)</p>	<p>22 C.W. B-VARC BREAKFAST 2030 hr 0730 hrs DENNY'S (Sharpstown) 147.32</p>
<p>23 W HOUSTON RACES 2000 hrs 146.66</p>	<p>24 ARES B-VARC NET 2000 hrs 2100 hrs 147.30 145.47</p>	<p>25 10 X SHOT AMSAT 2000hrs 2200 hrs 28.488 145.45</p>	<p>26 B-VARC C.W. CODE RAG-CHEW PRACTICE 2030 hrs 2030 hrs 3.960 147.32 (Up 3 KHz, etc if busy)</p>	<p>27</p>	<p>28 SHARABLEWEARABLE CLOTHING DRIVE THROUGHOUT HARRIS COUNTY TOM (KSCNU) 780-3585</p>	<p>29 SHARABLEWEARABLE CLOTHING DRIVE THROUGHOUT HARRIS COUNTY TOM (KSCNU) 780-3585</p>
<p>30 W HOUSTON RACES 2000 hrs 146.66</p>	<p>31 ARES B-VARC NET 2000 hrs 2100 hrs 147.30 145.47</p>				<p>NOTE: Nets meet weekly even if not shown</p>	<p>Please send info and corrections to Irv (KBSEXM) 437-4803</p>

FILL IN THE BLANKS TEST

This is not a test of your mathematical ability. It will however, give you some gauge of your mental flexibility and creativity. Since the test was developed it has been found that few people can solve more than half of the problems on the first try.

Instructions: Each problem below contains the initials of the words that will make it a correct statement. Find the missing words. Remember, these represent statements, not mathematical equations.

Example: 16 = O in a P.....Answer: Ounces in a Pound

1. 26 = L of the A.....
2. 7 = W of the A W.....
3. 1001 = A N.....
4. 12 = S of the Z.....
5. 54 = C in a D (with the J)...
6. 9 = P in the S S.....
7. 88 = P K.....
8. 13 = S on the A F.....
9. 32 = D F at which W F.....
10. 18 = H on a G C.....
11. 90 = D in a R A.....
12. 200 = D for P G in M.....
13. 8 = S on a S S.....
14. 3 = B M (S H T R)
15. 4 = Q in a G.....
16. 24 = H in a D.....
17. 1 = W on a U.....
18. 4 = D in a P C.....
19. 57 = H V
20. 11 = P on a C T.....
21. 1000 = W that a P is W.....
22. 29 = D in F in a L Y.....
23. 64 = S on a C B.....
24. 40 = D and N of the G F...

RESULTS OF THE JUNE 13TH EXAM:

by: Harold Parker, ND5F

B-VARC again sponsored and administered the ARRL's Amateur Radio Examinations that were held on Tuesday evening, June 13, 1989 at Strake Jesuit in Houston.

The V.E. Team and Assistants:

Bill Kemp, KG5CB
Mike Scism, WV5M
Stu Lamkin, WB5IGG
Irene Gordon, N5AYX
Hy Gordon, NC5A
Cass Germany, KG5IT
Harold Parker, ND5F

A total of fifty-three (53) exams were administered during the evening to twenty (20) applicants. One (1) candidate received a new Novice License and one (1) a new Technician License. Thirteen (13) upgraded their licenses with a total of twenty-nine (29) elements passed. The overall "pass rate" for the evening was fifty-five (55%) percent.

Congratulations to all the following who upgraded and/or passed exams:

David Bauer, KB5GER - Technician
Miguel Chiusano, KB5JPY - Technician
Chester Farley, N5MWD - Element 4A
Gary Garrison, KB5HSP - General
Ken Harlan, K5AKG - Element 4A
Joshua Jackson - Technician
Waldemar Kieldowski, KB5IGL - Advanced
Glenn Lewis - Technician
Steven Lhamon - Technician
Larry Moore - Novice
Barbara Feat, KB5GEZ - General
George Feat, WD5GFA - Technician
Albert Pizana, WD5HQL - General
Frances Rogers, KB5JMJ - Technician
Ann Shearer, KB5GEQ - Technician
Joseph Shearer, KB5GFC - Technician
Doug Tees, KB5GTB - Element 3B

Many thanks to all the Team Members and Assistants who volunteer their valuable time and effort each month.

All of us at B-VARC again thank Vincent, WA5ETS, and everyone at Strake Jesuit, for making these excellent classroom facilities available to us for our exams each month.

ATTENDANCE ROSTER

B-VARC GENERAL MEETINGS

		A	M	J
		P	A	U
		R	Y	N
KF 5 VZ	BRENSON ABBOTT	X	X	X
AA 5 JW	CARL ALBRECHT	X	X	X
KB 5 JMF	LOIS ANDREWS			X
W 5 RNK	JIM ARNOLD		X	
	SHIRLEY ARNOLD		X	
N 5 OFD	TERRY BARRINGTON			X
KA 5 MCP	RUSSELL BLACK			X
KA 5 GYG	RON BOLYARD	X		
N 5 APW	GERRY BORG	X	X	X
	LAURA BORG	X		
	BETH BROWN			X
	DOM BROWN			X
N 5 NTO	TOM CASEY		X	
WA 5 ACF	RALPH CHEEK	X		
KB 5 DNT	RICK COVERT		X	
WD 5 L	LAWRENCE COX	X	X	X
KB 5 JOS	FRED CREEL		X	
N 5 LYB	BILL DESSENS	X	X	X
N 5 KXU	MARK DESSENS		X	X
K6 5 JT	RAY DILLARD	X	X	X
WA 5 F	DAVE DYER	X	X	X
AA 5 GA	KARLA DYER	X	X	
N 5 LGS	GLENN EDWARDS	X	X	
WB 4 LZG	MELANIE EDWARDS	X	X	
	SUSAN EDWARDS	X	X	
KB 5 ICD	DOUGLAS EGGLESTON	X		
N 5 LRC	GREG FOSTER	X	X	
KB 5 IQP	STEVE GOTTLIEB	X	X	
WA 5 OEN	CINDY HAMMER		X	
N 5 LYE	DAVE HAMMER	X	X	X
WJ 5 B	ED HARNWELL	X	X	
W 5 WVX	JOHN HOLLIMAN		X	
WA 5 TWL	JACK JACKSON		X	
	GEORGE JOLLY	X	X	
ND 5 E	KATHY JOLLY	X	X	
KA 5 HXX	BILL KEMP	X		
K6 5 CB	SUZANNE KING	X		
KB 5 BAY	DICK KRUSE	X	X	X
KB 5 JNX	JOHN LAMBUTH	X	X	
N 5 NTP	STU LANKIM	X	X	X
WB 5 166	LEE LANCE			X
KB 5 EST	LINDA LANCE			X
KB 5 61H	MICHAEL LANCE			X
	STEPHEN LEE	X		
X 5 LTW	GREG LEFEBVRE	X	X	X
N 5 AFV	AL MATTIS		X	X
	DOUG McPHERSON			X
N 5 62W	HERB NANCE	X	X	X
	JORDAN NOVELLI		X	
WA 5 ETS	VINCENT ORLANDO	X	X	X
KB 5 AKS	LARRY OVERACKER	X	X	X
ND 5 F	HAROLD PARKER	X	X	X
AK 5 G	RANDY POLLARD	X	X	X
K6 5 KV	CHARLES PROCHASKA	X	X	X
K6 5 UJ	RANDY PUGH	X		
N 5 WAS	VICK RICHARD	X		
N 5 JKD	ROBERT RICKETTS	X	X	X
AA 5 BD	JOE ROSS	X		
	JOHN ROWE		X	
N 5 ECP	JEFF SALMONS	X		
KA 5 TUQ	DON SCHEXNATEDER	X		
KB 5 EXM	IRV SMITH	X	X	X
KA 5 SLG	DAVID TAYLOR	X	X	
KB 5 IOM	MELVIN THATCHER	X	X	X
N 5 MPN	BILL TODD-BROWN	X	X	X
KB 5 EDH	ROLAND TORRES	X		
N 5 OFE	GARY TUCKER	X	X	X
WN 5 A	JACK VAN DEMARK	X	X	X
WB 6 LSB	BOB VERDON			X
KF 5 XD	D.C. WEISS			X

TOTAL 43 39 47

BRAZOS VALLEY AMATEUR RADIO CLUB
1989 ACTIVITY ROSTER
compiled by Allen Mattis NSAFV

A.HOUSTON TENNECO MARATHON	B.CHALLENGER CUP 5K
C.FINE ARTS 5K	D.MOTHER HUBBARD 5K
E.CONOCO RODEO RUN 10K	F.WOMEN'S HOSPITAL 5K
G.AZALEA RUN 5K	H.HULL AIR SHOW
I.NS-150 BIKE TOUR	J.MAGIC CIRCLE 10K
K.ALA CLEAN AIR BIKE RIDE	L.DAD'S DASH 6K
Abbott, Brenson	KFSVZ E,I
Albrecht, Carl	AASJW H,I
Borg, Gerry	NSAPW A,B,C,E,G,H,I
Cheek, Ralph	KBSDNT A,C,D,E,G,H,I,J,K,L
Dessens, Bill	NSKXU C,G,H
Dilliard, Ray	WASF A,C,E,F,G,H,I,J,K,L
Dyer, Alicia	I
Dyer, Dave	AA5GA A,C,E,F,I
Dyer, Debbie	KBSGUY A,C,I
Dyer, Karla	NSLGS A,C,E,F,I
Edwards, Glenn	WB4LZG A,C,D,E,H,I,K
Edwards, Melanie	A,C,D
Edwards, Susan	KBSICO A,C,D,F,H,I,K
Eilers, Wade	WNSTEN I
Foster, Greg	KBSIQP H
Gottlieb, Steve	WASOEN H
Hammer, Cindy	NSLXE I
Hammer, Dave	WJ5B I
Harris, Ron	NSMKO E,H
King, Suzanne	KBSBAY A,C,D,E,F,G,H,I
Lankin, Stu	WBS1GG A
Lance, Dave	KBSEYK C,E,H,I
Lance, Lee	KBSEST H
Mattis, Allen	NSAFV B,C,E,F,H,I
Morrison, Henry	W5RIY A,C,D,E,I
Nance, Herb	NS6ZW H,I
Parker, Harold	NDSF A,E,F,G,H,I,J,L
Pollard, Randy	AK5G C,H,J,L
Prochaska, Charles	K65KV F
Ricketts, Robert	NSJKD I,L
Smith, Irv	KBSEXM E,I
Van Demark, Jack	WNSA D,F,H,I,J
Warden, Mike	WB3HZP A,E

PLEASE REPORT CORRECTIONS OR ADDITIONS TO NSAFV

B-VARC RAG CHEW NET CHECK-INS
3.960 MHz 8:30PM WEDNESDAY
compiled by Allen Mattis NSAFV

MAY 24, 1989
NSAFV NCS, K65KV, WBS1GG, KSDXV, AA5GA,
AK5G, NSKWO/AA, WNSA, KESSR

MAY 31, 1989
NSAFV NCS, NSMPN, NSECP, WBS1GG, AK5G,
KBSDNT, AA5GA, NSLGS, NSNTP, WB4LZG, KBSICO

JUNE 7, 1989
NSAFV NCS, NSECP, NSNTP, AK5G, NSMPN,
WBS1GG, KBSDNT, NSKXU

JUNE 14, 1989
NSAFV NCS, K65KV, NSMPN, NSNTP, W5RNK,
NSECP, WNSA, KFSVZ, KBSDNT, AK5G

Special thanks to Bill Walker
Royalton District Manager of
Warner Cable. for donating
the use of their copier and
supplies for printing the
newsletter.

HOUSTON SHOT ROSTER ** 16-Feb-89 **

SHOT	CALL	TEN-X	NAME	ADDRESS	QTH	ZIP	HOME PHONE	WORK PHONE	LEVEL UP NR	HEADING
L018	WQSY	*	40058 DAVE PAPERMAN	3915 ALMINGTON	HOUSTON TX	77088	448-0191			
L019	WQWIK	*	45675 ALLEN GLOECK	4907 SPRUCE	BELLAIRE TX	77401	668-2786		ENT 238	
L020	WRSIXI	**	45695 "KETCHI" KETCHUM	319 KETCHUM ST.	HOUSTON TX	77968	409-825-6228			
L021	WRLRD	*	45658 RICHARD LEGGETT	P. O. BOX 419	HOUSTON TX	77336	360-8461			
L022	WBSYR		46539 DEREK ELKINS	16119 SPINAKER	CROSBY TX	77532	320-8388			
L023	WASYFU	**	44818 RICH RICHARDSON	1207 TWIN BROOK DR	HOUSTON TX	77088	449-1624			
L024	WBSIDC	*	46572 SKIP LITTLE	11910 VALLEY VISTA CT	HOUSTON TX	77077	497-8393			
L025	WMLLE		45654 RON PERRY	RT. 2 BOX 300	ALVIN TX	77511	505-8261			
L026	WMLDS		46575 BRIAN MELANCOM	610 TRAMWOOD DR.	MISSOURI CITY TX	77459	438-1602			
L027	WBSYCP		47513 ANDY GEIZ	3154 LANVILLE LN.	KATY TX	77449	578-3902			
L028	WRSJHJ	*	46514 ED HRAZ	P. O. BOX 217	PLANTERSVILLE TX	77363	409-894-2389			
L029	WBSSEI	*	46585 LEE LANCE	2023 SHOREWOOD	SUGARLAND TX	77479	980-6668			
L030	WBSSEYK		46586 DAVID LANCE	2023 SHOREWOOD	SUGARLAND TX	77479	980-6668			
L031	WGSIT	*	47546 CASS GERTMAN	4506 DENILO	HOUSTON TX	77092	682-6837			
L032	WASGUR	*	47595 TED SUMMELIN	5317 GRAND LAKE	BELLAIRE TX	77407	664-0198			
L033	WVSK	**	21146 CHARLIE HANIT	2190 ALFORD	HAGGOLA TX	77355	259-9624			
L034	WASIM	**	48627 JIM CHASE	9723 WILLOWOOD	HOUSTON TX	77080	440-5801			
L035	WMLP	*	47555 RON CLIFF	332 ST. CLOUD	FRIENDSWOOD TX	77546	331-1118			
L036	WMSRS		48678 VIC RICHARD	1725 CRESTDALE	HOUSTON TX	77080	461-3331			
L037	WSKFJ		43139 ANDREA HANIT	2190 ALFORD	HAGGOLA TX	77355	259-9624			
L038	WBSFZM	*	49309 ROBERTA TORIO	15203 BEECHMUT	HOUSTON TX	77083	498-6066			
L039	WSTUM	*	49310 JOHN TORIO	15203 BEECHMUT	HOUSTON TX	77083	498-6066			
L040	WASHP		41496 JENNIFER KILCHAKO	16314 THUNDERBAY DR.	HOUSTON TX	77062	488-8530			
L041	WBSLCL	*	44833 KUKI FUKIADO	11300 REGENCY GREEN #204	CYPRESS TX	77429	894-5826			
L042	WMLYB		46582 FRED CREEL	6722 ESCONDIDO	HOUSTON TX	77083	495-0642	981-9185X511		
L043	WR7OLD	**	47646 JOE ANDERSON	5806 GREENCRAIG DR.	HOUSTON TX	77045	721-3406	798-6217		
L044	WBSHSP		50088 GARY GARRISON	9802 LAWSTON ST.	HOUSTON TX	77055	465-5060			
L045	WMSA		40840 JACK VAN DENBARK	7514 WINTER GLEN	HOUSTON TX	77072	495-1121			
L046	WSLYO		51313 DON STOTLER	8015 GLENFOREST CT	HOUSTON TX	77061	643-5232			
L047	WSPW		51314 JERRY BORG	8426 STRAUD	HOUSTON TX	77036	771-2969			
L048	WSPR		51315 ROBERT PERRING	12715 WESTHIRE	HOUSTON TX	77077	493-5780	466-6751		
L049	WMLGS		51316 KARLA DYER	11703 KENZIE CT	MEADOWS TX	77477	568-7801			
L050	WBSGUY		51317 DEBORAH DYER	11703 KENZIE CT	MEADOWS TX	77477	568-7801			
L051	W84LZG	**	51318 GLENN EDWARDS	15802 LOS ALTOS	HOUSTON TX	77083	498-7425			
L052	WBSICD	**	51319 SUSAN EDWARDS	15802 LOS ALTOS	HOUSTON TX	77083	498-7425			
L053	WSGZU		51320 HERB HANCE	903 FENN	ROSHARON TX	77583	431-0163	995-8000		
L054	WSTMO		51321 DANIEL KENT	611 COLLEIST	HOUSTON TX	77013	455-6108			
L055	WSLBU		51322 CHARLES FROST	3618 MACOM PLACE CT	HOUSTON TX	77082	558-6305	879-7764		
L056	WSSG		11809 BILL ECKENROGGE	10702 NORMONT	HOUSTON TX	77070	469-6929	827-5148		
L057	WASGA		43630 DAVID DYER	11703 KENZIE CT	MEADOWS TX	77477	568-7801	462-3178		
L058	W86LSB		51305 BOB VERDOM	4643 TURF VALLEY	HOUSTON TX	77084	859-2917	596-5101		
L059	WBSGIM		50363 LINDA LANCE	2023 SHOREWOOD	SUGARLAND TX	77479	980-6668			
L060	WAKKC		51324 JIM HAWKINS	11555 BISSONNET #2208	HOUSTON TX	77099	879-8347	797-4160		
L061	WGSKV		51325 CHARLIE PROCHASKA	3107 ROCKARBOR	HOUSTON TX	77063	781-7365	462-8828X76		
L062	WSYCP		51326 KEN MARTIN	6110 AUTUMN FOREST	HOUSTON TX	77092	686-2378	870-5428		
L063	WSLIV		51327 GREG LEFEBURE	8906 PETERSHAM	HOUSTON TX	77031	771-7728			
L064	WSHPP		50383 PAUL STELLJES	2503 WOODWIND DR	RICHMOND TX	77469	342-9570	968-1000		
L065	WMSBO		48480 MARK STEVENS	2503 WOODWIND DR	RICHMOND TX	77469	342-5741			
L066	WMLKJ		46563 ALLAN FOX	8314 HAWLEY	HOUSTON TX	77040	466-4820	932-9029		
L067	WBSFU		29444 SALEM GRAFF	350 MAGNOLIA BEHD	NEW CANEY TX	77357	1-609-6362	676-8022		

L068-W5LLU-32230-John Stewart-7614 Skyline Dr.,Houston 77063-783-4718

L069 KA5TDP 51385 Dick Greenwell 2929 Hayes Rd.,#1812 Houston 77082 H558-7157 W526-3456

NOTE FROM THE EDITOR: The Houston Area Scanner Frequency Charts found in this issue are courtesy of Ed Lentz. He is an editor of the Radio Communications Monitoring Association's Bulletin, and is undoubtedly the most knowledgeable person in Texas on scanner frequencies.

ED LENTZ

609 Yorkshire --- Pasadena, Texas 77503-1450
(713) 473-3032

June 15, 1987

Hello Irv

Hope this will "Fill the Bill", for the B-VARC Newsletter. The other list is dated enough that you really should try a new list. The format is somewhat different than the old list but should work as well. I placed the Federal Frequencies at the end and you can do what you want with them. The list hasn't been check for some time now so I don't know how accurate it is.

I do have something for you to pass around if you don't mind. Recently I was selected to be a Topic Leader on GENie BBS for the scanning section. Hey, it was either me or the other guy! It is part of the revived Electronics section. We do have some pretty good Topic Leaders for the other sections which does include an area for you Ham guys. Enclose is a short opening screen that we have and also how to can join up with the GENie Network. They only charge for the time used and there isn't any minimum charge if you bill via credit card. Not sure about any other type billing method. Recently there have been some changes in the local numbers and also the baud rate can be up to 2400 now. Sure would like to have some of your guys join us. We are working to build the RoundTable up to something really good.

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                WELCOME to the
))) Radio, Electronics, & Broadcasting RT (((

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. / \
-Ham Radio / \ . -Electronics Experimenting
-Scanners / \ -Professional Broadcasting
-Shortwave / \ -Video & Audio
           / \ -Satellite TVRO
           Y \ -Consumer Electronics
           \ -Engineering
...And Lots More!
-----Y-----
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Sysops: Larry Ledlow (NA5E) and Bill Sobel (MR.BILL)

Computer users with modems interested in signing up with GENie should follow the following directions:

1. Set your modem for local echo (half duplex) and 300 or 1200 baud.
2. Dial 1-800-638-8369. When connected enter HHH (do NOT hit return).
3. At the U#= prompt, enter XJM11702,GENIE.

Signup is just \$29.95, and your first two hours are free. For more information, contact GENie at 1-800-638-9639.

Amateur Radio Club presents field day

The Brazos Valley Amateur Radio Club will sponsor Field Day activities on June 24 and 25 at Bear Creek Park.

Field Day is an annual event held for amateur radio operators to improve their emergency preparedness skills. Experienced "hams" set up radio communications stations outdoors using portable power supplies.

In disaster or emergency situations when electrical, phone and postal systems are down, hams set up communications networks using techniques practiced and demonstrated at Field Days. During the 1985 earthquake in Mexico City, the 1980 eruption of Mount St. Helens, the Caribbean island devastation by Hurricane Gilbert last year and oth-

er disasters, ham radio operators sent messages to and from the affected areas.

Hams will also be competing with one another to contact as many stations as possible in a 24-hour period, using Morse code or voice transmission. Many will camp in the park overnight and man the stations around the clock. All licensed ham

operators are invited to come participate in Field Day exercises between 1 p.m. June 24 and 1 p.m. June 25. The general public is welcome; an information booth will be open with friendly knowledgeable hams eager to answer questions and demonstrate radio equipment.

For more information, call 777-3345, 431-0163 or 579-8922. Field Day will take place near Pavilion No. 7.

Thanks to Larry (KB5AKS) and Kathy (KA5WHK) for the excellent publicity. The clipping is from the Fort Bend Advocate. A similar article also appeared in the Houston Chronicle.

The clipping below is from the Wall Street Journal. The bottom one is from the RCMA (Radio Communications Monitoring Association) Bulletin.

During its centennial year, The Wall Street Journal will report events of the past century that stand as milestones of American business history.

CENTENNIAL JOURNAL: 100 Years in Business

Hamming It Up on the Radio, 1920

TO CHECK THE ACCURACY of his \$12 watch, Frank Conrad, a Westinghouse engineer, built a radio receiver to catch Naval Observatory time signals from Alexandria, Va. He then built a transmitter and became a dedicated ham radio broadcaster.

When he started broadcasting baseball scores to fellow hams and playing records, a local dealer began supplying the discs in exchange for free ads. A Pittsburgh department store ran a newspaper ad boasting that it had radio receivers for sale and Westinghouse vice president H.P. Davis (later president of National Broadcasting Co.), saw sales possibilities. On Nov. 2, 1920, Westinghouse station KDKA went on the air from Pittsburgh with federal license No. 1 and a marathon broadcast of Warren Harding's election.

In 1920, the U.S. had perhaps 5,000 radio receivers, most of them owned by dedicated hams like Frank Conrad. Davis got Westinghouse into set-making, first with a \$25 "cats-whisker" crystal set, later with a cabinet model that sold for a regal \$175. By 1924, there were 2.5 million radios in the U.S.; by 1934 they outnumbered telephones. Last year, manufacturers shipped 76 million sets—from stereos to walkaround models—and four million more were installed in new automobiles.

The Radio Advertising Bureau says the first paid ad, with the sponsor buying the time and supplying the copy, was broadcast by an NBC station in New York City in 1921. The pioneer was a real estate firm peddling apartments; it paid \$100 for a 10-minute commercial. In 1988, the bureau says, sponsors paid the 9,100 commercial stations in the U.S. a grand total of \$7.8 billion for advertising time.

FROM THE CAPTAIN'S DESK continued

DALLAS DX PIONEER - DEAD AT AGE 82

Amateur radio lost one of the best ambassadors and finest operators recently. Phil Ashcraft, N5DD, succumbed to a high voltage shock he received while working on a high power amplifier.

Phil was considered to be granddaddy of the big multi band DX ham stations. His station was the very first one put up in North Texas. Even with a late start in ham radio, Phil's station was the strongest that could be legally built. His antenna farm consisted of several 100 foot plus towers on several acres. The N5DD repeater was also an example of radio art, mounted on an 800 foot tower which Phil also owned. The W5VI Report called the station "awesome" and impressive.

On the day of his death, Phil was installing resistors on the input of his two linear amplifiers. As he adjusted the driver so it would present the proper impedance to the 4-1000, Phil had the high voltage power supply on. He was suddenly zapped with 4,500 volts at 2 amps as he reached into the amplifier. The results of the shock were the worst imaginable. The voltage ripped through his body and out of his ears, his chest and his hands. His ear was burned completely off and his hand half way off. Phil's fingers were welded together. His wristwatch was burned into his flesh, and his shirt was burned right off his back. Even with these injuries, Phil was able to reach the phone and call for help.

Doctors gave Phil a 25% chance of living if they amputated both arms, and needless to say, there would be a long, painful recovery period. Phil refused medical assistance and died the next morning. Phil will be missed. His story is a painful example of what can and will happen to those who are not careful when working with electricity.

FREQUENCIES OF INTEREST
Houston Texas Area
June 16, 1969

MONT BELVIEU [146.2] 154.755 (intercity) 155.370 (4)
 NASSAU BAY 453.475 (supervisors) 155.250 (5)
 NEEDVILLE [146.2] 155.925 (constables) 159.030
 PASADENA [167.9] 453.300 (1) HARRIS (east) 154.890 (1)
 453.800 (2) [146.2] (main) 153.920 (2)
 453.950 (3) (car/car) 154.950 (3)
 PEARLAND [146.2] 155.970 (intercity) 155.370 (4)
 RICHMOND [146.2] 155.925 (1) (detectives/med ex) 153.995 (5)
 155.130 (2) (supervisors) 155.070 (6)
 155.715 (7)
 ROSENBERG 155.715 (dist atty) 153.740
 SAN JACINTO COLL. [127.3] 155.415 (civil defense) 155.265
 SANTA FE 453.275 (1) (constable) 37.240 Pct 2
 453.525 (2) 37.180 Pct 3
 SEABROOK [146.2] 155.940 (spring) 37.060 Pct 4
 S. HOUSTON [146.2] 460.275 (1) (kingwood) 155.745 Pct 4
 S. SIDE PL [203.5] 154.980 (2) 156.015 Pct 5
 453.275 37.080 Pct 7
 SPRING VALLEY 453.275
 STAFFORD [146.2] 154.025
 SUGAR LAND [146.2] 155.625 (1) LIBERTY [146.2] 155.835
 155.955 (2) MONTGOMERY (east) 155.085 (1)
 453.975 [146.2] (west) 155.250 (2)
 155.430 (intercity) 155.370 (4)
 158.730 (2) (the woodlands) 154.965 (5)
 U.T.M.B. GALVESTON 460.250
 HOUSTON 155.580
 VILLAGE [146.2] 453.325 (1) WALLER 155.760
 155.595 (2) W-HARTON 155.805
 WEBSTER [156.7] 453.575
 W. UNIVERSITY PL [146.2] 460.275
 BMS SERVICES.....

ALERTCARE (pasad.) 155.235 (1)
 155.205 (2)
 CLEAR LAKE 155.400
 PROSBY 155.205
 CY-CREEK [192.8] 155.160 (1)
 155.340 (2)
 GALVESTON 155.055
 H-HERN 155.340
 HARRIS CO EMERG 155.160
 HOUSTON (disp) 462.950 (7)
 [127.3] (bkup) 462.975
 FT BEND CO 155.265 (1)
 [146.2] 155.175 (2)
 LIPEFLIGHT (disp) 128.850
 (co-ord w/HFD) 462.975

FREQUENCIES OF INTEREST
Houston Texas Area
June 16, 1969

(local traffic) 123.025
 (intercity) 154.950
 (mutual aid) 154.280
 (H-HERN) 155.340
 (utomb galv) 155.235
 METHOD. AIR ONE 123.050
 155.340
 MONTGOMERY CO 155.325 (1)
 N-CHANNEL 155.340 (2)
 N.WEST RURAL 155.160
 PEARLAND 153.860
 W.HARRIS CO 155.295
 MISCELLANEOUS BS.....
 D.P.S. (base) 155.460 (1)
 [162.2] (mobile) 154.680 (2)
 (car/car) 154.950 (3)
 (intercity) 155.370 (4)
 (marc/vice) 155.505 (5)
 (base) 155.445 (6)
 (mobile) 154.695 (7)
 (metro) 156.210 (8)
 (relay) 159.090
 T.A.B.C. 156.210
 [136.5] 154.905
 NEWS MEDIA.....
 PUBLIC INFO NETWK 161.640
 HOUSTON CHRONICLE 453.000
 HOUSTON POST 452.975
 KENR-AM (phone) 450.312
 (traffic) 450.650
 KHOU-TV (news) 450.512
 [127.3] (eng) 450.612
 KIKK-AM (traffic) 455.800
 [110.9] (news) 450.150
 (eng) 450.412
 KPCC-AM (news) 161.750
 KPCC-TV (news) 450.287
 [114.8] (eng) 450.087
 KRIV-TV (news) 166.250
 KTRH-AM (news) 450.350
 KTRK-TV (news) 161.700
 [100.0] (eng) 450.850
 METRO TRAFFIC [141.3] 450.550

TRAFFIC CENTRAL 450.487
 161.760
 170.150
 SECURITY.....
 ASTRODOME 462.025
 462.762
 462.075
 463.300
 463.575
 462.175
 462.400
 462.162
 462.187
 462.787
 469.712
 469.812
 469.087
 490.462
 493.487
 479.137
 154.600
 FEDERAL AGENCIES.....
 A.T.F. 165.285 (1)
 166.460 (3)
 165.235 (1)
 166.460 (3)
 164.600 (6)
 165.635
 165.685
 418.625 (1)
 418.900 (2)
 418.750 (3)
 418.950 (6)
 163.960
 163.860
 167.450
 167.540
 167.785
 167.050
 163.625 (1)
 163.675 (2)
 418.225
 163.200
 165.375
 409.625
 D.E.A.
 F.B.I.
 F.C.C.
 I.N.S.
 I.R.S.
 MARSHALL
 SECRET SERVICE
 STATE DEPT

THE WEATHER SPOTTER'S GUIDEBOOK (Part No. 5)

by: Allen Mattis, N5AFV

WEATHER NETS AND SPOTTER REPORTS

Amateur radio operators involved in weather spotting usually conduct their operations through a net system. In most parts of the country, these weather nets are conducted on 2 Meters, using a repeater. The 2 Meter equipment is compact and light, and most amateur operators have equipment for that band. In addition, the FM mode used on 2 Meter repeaters is less susceptible to interference from lightning than the SSB mode traditionally used on the high frequency bands. Most of the repeaters used for weather spotter nets are equipped with an emergency power system for use if a storm disrupts the normal power to the repeater.

Weather nets in different parts of the country vary in terms of net procedures. Weather spotters should become familiar with the procedures of their individual net and spotting organization. The spotters should listen to the instructions of the net control station, and follow them. For example, the net control station may ask for weather conditions from a certain area, perhaps at the request of civil authorities who have received reports of damage in that area. In such a situation, spotters not having information about conditions in the requested area should stand by, unless they are experiencing life threatening conditions at their location. If severe weather becomes particularly intense and widespread, the net control station may restrict the level of weather to be reported. For example, no reports of heavy rain or hail smaller than dime size may be desired if the entire area is receiving weather of that severity level. The intent is to quickly identify the portions of the area receiving the most intense severe weather.

In times of widespread severe weather, spotters should think before keying their microphone. They should consider whether or not their report is really needed at that time. The net may not be interested in a report of heavy rain and moderate winds if another portion of the area is experiencing golf ball size hail and funnel clouds at that time. Weather spotters should also remember to keep their reports concise and their transmissions short. Other spotters may be experiencing life threatening conditions, and need use of the frequency to make their report.

Even though spotter reports should be concise, they should also be descriptive of the weather conditions. For example, the report "We have received heavy rain and wind" does not convey nearly as much information as the report "We have received moderate to strong winds for approximately 3 minutes followed by 5 minutes of heavy rain." If possible, spotters should quantify their reports by estimating wind speed, hail size, and rain intensity and amount.

The size of and distance to larger weather features such as a wall cloud, funnel cloud or tornado are sometimes difficult to estimate. A detailed local map may be helpful. The map will show the distance and direction to prominent landmarks such as water towers, broadcast antennas or tall buildings. The distance to and size of the larger weather features may be more accurately estimated when they are compared with these known landmarks.

Each individual weather net and spotting organization determines the weather conditions they wish their spotters to report. In general, however, weather spotters should always report the following conditions:

- Sighting of an actual tornado or funnel cloud
- Rotation in a wall cloud
- Hail marble size (1/2 inch) or larger
- Winds 40 miles per hour or greater
- Wind damage to buildings, large trees, or utility poles
- Continuous lightning, either cloud-to-ground or cloud-to-cloud
- Flash flooding such as a stream out of its banks
- Street flooding with greater than 1 foot of water

As a result of differences in local conditions and operating procedures, this list may be modified by individual weather nets or spotting organizations. Again, each weather spotter should become familiar with their local organization's guidelines and procedures.

Finally, weather spotters should remember that many people listen to weather nets. With the recent popularity and availability of VHF/UHF scanner radios, many members of the general public are able to monitor weather nets. Members of the news media, law enforcement and public service agencies, and local government officials also commonly monitor weather nets. What these people hear during a weather net directly influences their opinion of the local weather spotting organization and of amateur radio in general. Weather spotters should always be efficient and courteous during their net operations. Even though they are called amateurs, they can be professional in the way they conduct their net operations.

Spotter Aids

SUGGESTED EQUIPMENT LIST FOR SPOTTERS

- 1) HT and extra battery pack
- 2) Plastic bag to protect HT from rain
- 3) Paper, clipboard and several pencils
- 4) One half tank or more of gas in vehicle
- 5) Local Maps - city and county, state map optional
- 6) Wind speed and hail size charts
- 7) Flashlight and extra batteries
- 8) Binoculars
- 9) Raincoat and related clothing
- 10) Water, coffee and snacks optional