



HAM HUM

Published by
AK-SAR-BEN AMATEUR RADIO CLUB, INC.
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November 1981



HAM HUM is the official organ of the Ak-Sar-Ben Radio Club, Inc., of Omaha, Nebraska, mailed monthly to all members and to others upon request.

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Dues-Annual Basis

(Due and Payable each January 1.)

New member initiation fee ...	\$ 1.00
Regular member	\$10.00
Regular member and spouse ..	\$12.00
Student member	\$ 4.00

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AK-SAR-BEN AMATEUR RADIO CLUB,
INC.

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Copy deadline for Dec. is Nov. 20

Dues-Quarterly Basis (For each quarter or part thereof for balance of calendar year.)

New member initiation fee	\$1.00
Regular member	\$3.00
Regular member and spouse ..	\$3.60
Student member	\$1.05

NEXT MEETING

WHEN: FRIDAY, NOVEMBER 13, 1981

TIME: 7:30 P.M.

WHERE: DOUGLAS/SARPY COUNTY CHAPTER
AMERICAN RED CROSS
38th AND DEWEY AVENUE
OMAHA, NE 68105

PROGRAM: "LIFE FLIGHT"

THE PREZ SEZ

Both Jim and Kay Wilson left Omaha immediately after the October meeting. A well deserved vacation to Canada. They will be back in time for the November meeting (see details on program — see you there). This column is being guest written.

The Mid-west Convention produced a lot of joy for many of our club members. WØUQJ, Bob won an Omni rig in Salina. Other members claim to have won YAESU 20SR hand-helds at least to their wives. Check with those in attendance for the total picture of all the winners.

Some people should learn that CW operation does not mean key down. At least that's the story heard about KØKES, Joe. It seems he blew a circuit breaker while in hot pursuit of some foreign DX. If you have ever encountered Joe in that mode you realize that he operates close to RTTY mode. Wonder which one he enters in his log?

Last month's meeting featuring past presidents was enjoyed by all. Many letters from those who could not be with us were read. Several rose to the occasion and spoke of the trials and tribulations during their terms. Afterwards many enjoyed the cake provided by KAØDMB, Walt. Thanks Walt for the delicious cake; and also we all hope you are at home and recovered from your recent trip to the hospital.

You have probably noticed the promised improvement in WØEQU on two meters. The antenna has been moved to the 550 foot level of WOWT-TV tower on 72nd Street. Even though most of the materials and labor have been donated to us, additional monies would be appreciated to help defray costs for some copper conduit we supplied. Thanks to WOWT-TV and to our repeater committee.

Code and Theory classes will start on the first Monday, January 1982 at Boys Town. The building has not been set yet, but they will begin as usual at 7:30 p.m. The announcement of the exact building will come later. If you know of anyone (including yourself) who wishes to upgrade or get a start in amateur radio — keep them informed.

During the past few weeks I have had the opportunity to kind of take the pulse of the Ak-sar-ben Amateur Radio Club and its associated activities. The privilege to attend the Sept. club meeting, the education committee meeting, the nominating committee meeting, and an A.R.E.S. staff meeting was mine. We are alive and well. We as members of this club are enjoying and promoting the radio and electronic art. I am sure we will continue.

The one outstanding thing that I have noted is that we no longer have many people younger than twenty among us (XYL's excepted). It is important that we share our good hobby with newcomers — young and older.

One of the most important things people can do in their lifetime is to communicate effectively. No better training can be had than amateur radio. We compete with people's daily activities, television, computers, and other hobbies for their attention. Ours is a hobby that gives practice in good communication while providing many worthwhile services. It trains for a possible vocation. It extends the pool of knowledge our

country has and spreads goodwill around the world.

Take the opportunity to show a neighbor or friend your shack, take the time. Several of our club members will, during the latter part of October, work and demonstrate ham radio to Boy Scouts from several states at the Little Sioux, Iowa weekend campout. Time well spent.

73
de WBØQGV, Jim

We get from people what we give;
We find in them what we bring;
We discover that the changes in them
are really changes in ourselves.

MINUTES OF THE GENERAL MEMBERSHIP MEETING held October 9, 1981, at the Red Cross Building, 38th and Dewey Avenue, Omaha, Nebraska

The meeting was called to order at 19:30 hours by President Jim Wilson WBØJPN and began with the Pledge of Allegiance.

Each member identified by name and call.

Gene Pace KØERJ applied for membership. Motion was made and seconded that he be admitted to the Club.

Bob Lockwood WAØDHU, Code and Theory Class Chairman, gave his report. Winter classes will start the first Monday in January: 7:30 to 9:00 P.M. at Boys Town.

Jerry O'Harrow WBØPPF gave his AERS Report.

Charlie Rodgers WØQQN read the HR Report.

Charlie Michel KØQVL, Courtesy Chairman, was notified that Tex Pedigo WAØOMB was in the hospital.

The Silent Key Plaque was presented by Lou Cutler WØVLI and dedicated by Reverend Chapelis. Lou Cutler and Lloyd McElhaney KØDKM did a fine job on the plaque. It has to be seen to be appreciated.

John Gebuhr WBØCMC, Repeater Chairman, reported on the raising of WØEQU Repeater 34-94 antenna at Crown Point Channel 6 tower.

Program for the evening was Past Presidents Night. President Jim Wilson read some interesting letters from Past Presidents that could not attend the meeting. Past Presidents that were present told of their experiences during their tour and what they have been doing since.

Meeting adjourned at 21:20 P.M.

Coffee and eyeballs followed.

Respectfully Submitted,
Russ WAØVEE

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WOMENS AUXILIARY CHATTER

The auxiliary met September 29, 1981 at the Red Cross Building at 7:30, with only a few attending. It is the smallest attendance we have had to date.

The business was dispensed with in a hurry, the Halloween Weiner Roast and Sing-a-long was cancelled as there was not enough time to plan it all. A new gathering was discussed and plans will be forthcoming for a January "CABIN FEVER" cocktail party, just when we need it the most and need to get out and do something **after** the Xmas Holidays. Keep reading the Ham Hum for further news. Our Christmas Party Dinner will be December 30th at Stuart Anderson's Cattle Company Restaurant at 7:30. Keep that date open.

The entertainment at this meeting was **outstanding!!** Marilyn Peterson was excellent at spinning yarn and demonstrated how to start, told us where she bought her wool, how to get it ready to use (what a job!) and the history of spinning wool. It was extremely interesting and we just wish the turn-out would have been better. You who missed — really did!! Maybe she will do a repeat program in the future. Our own, Dalene Hutchinson WBØTTK was the only one brave enough to try to pedal the spinning wheel and actually made it go around, whoops, it also comes back. It was attested to by Dalene that it **is work!!** Marilyn, the next week was going to attend a demonstration in Nebraska City on how to dye yarn with different weeds, etc. She will have something new to tell about. She had several hanks of yarn she had dyed and they were very pretty. Thank you — Marilyn. We enjoyed your presentation **very much!!**

Our next meeting will be October 28th, same time, same place and will be another interesting program by Lou Cutler WØVLI. It will be on Women Pilots past, present and?? He will also bring his pictures on Old Omaha. They are fantastic!! Hope to see more out this time.

The enormous and scrumptious dessert was served by Dalene and Willa Smith. The bars and cakes were so good, we have decided to include the recipes with our article every month. We all want the recipes, so this is a way to get them without finger cramps. Thank you girls and a message for Aileene; Hi! From all of us to you, get well and hope to see you at the next meeting. For those who did not make it to the meeting, Aileene had a fall and was out of action that evening.

Kay Wilson

Recipes:

Caramel Layer Chocolate Squares

14 oz. Light Caramels
1/3 c. Evaporated Milk
1 pkg. German Chocolate Cake Mix
3/4 c. Margarine
1/3 c. Evaporated Milk
1 c. Chopped Nuts
6 oz. Semi-sweet Chocolate Chips

Combine caramels and evaporated milk and cook over low heat, stirring constantly till caramels are melted. Set aside. Grease and flour 13 x 9 pan. Mix cake mix, margarine, evaporated milk and nuts. Press half of mixture in pan and bake at 350 degrees for 6 minutes. Sprinkle chocolate chips over crust, spread caramels over chocolate chips and put reserve cake mixture over caramels. Bake again for 15-18 minutes at 350 degrees. Cool and refrigerate about 30 minutes to set caramels.

Dalene Hutchinson

Coconut Dessert

1 c. Flour
1/2 c. Chopped Nuts, black walnuts
1 stick margarine

Mix and press in bottom of 9 x 13 pan. Bake for 15 minutes at 350 degrees. Cool and top with the following:

1 & 1/2 c. Cool Whip
1 c. Powdered Sugar
8 oz. Cream Cheese, softened

Beat and spread over cooled crust.

2 pkgs. Instant Coconut Pudding
2 & 1/2 c. Milk

Beat and spread over top.

Willa Smith

ELECTION NOTICE

The election of officers will be held at the December meeting. As approved by the Board of Directors, the following will apply.

To obtain your ballot, a paid-up 1981 membership card must be shown to the ballot committee. For those without current membership cards, the ballot chairman will have the final word.

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Loretta Kydney, WBØMNL

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Manpower

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 Coffee Lady (at the meetings)
 Handi - help

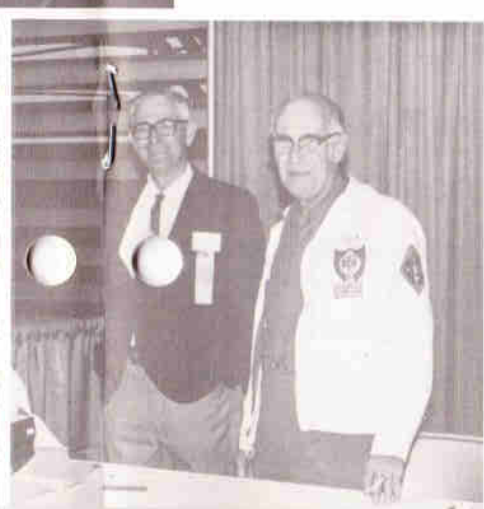
Walt KAØDMB
 Edie WDØGHA
 Frank WAØIWF
 Dave NØCLW
 John WBØCMC (not before 10 AM)
 Mitch NØAZF
 Scot WBØWOT
 Jim NØAIH
 Jerry WBØPPF
 Scott WBØQPP
 Charlie WØQQN
 Alma XYL of WØQQN
 Dick KØDG
 Charlie KØQVL
 Charlie WØQQN
 Chuck KCØDB
 Jim WBØQGV
 Chuck WBØNVL
 Tom KØPQR
 Aileene XYL of NØCKH
 Andy W9MEI

(cont page 10)



CONVENTION TIME 1981

Pictures by:
Dave Hamilton NØCLW



COMMITTEES

Education	Bob WAØDHU Bob WBØLYU Ellen WBØHWF Lloyd KØDKM
Instructors	Bob WAØDHU Chuck KCØDB Charlie WØQQN Jim NØAIH
Subs	Frank WAØIWF Dave NØCLW Jim WBØQGV
Auction	Jim NØAIH
Field Day	Frank WAØIWF Dave NØCLW
Equipment	Scot WBØWOT Jim NØAIH
Finance	Dick KAØAAB Walt KAØDMB Lysle NØCKH Paul WDØHRK Sam WDØBVH
Silent Key Plaque	Lloyd KØDKM Lou WØVLI
Repeater	John WBØCMC Ed WDØHBY Scot WBØWOT Wayne WBØHEW John WØWRT
Roster (notify of any changes)	Ellen WBØHWF Jon WBØGQT
Historian	Lou WØVLI
Ham Shack	Mitch NØAZF Tom KØPQR Dave NØCLW

SILENT KEY

Frank Rabb
WDØDDM

CONTRIBUTORS

34/94 REPEATER
J. W. Hendrix
WØFCE

L = Local
 R = Regional
 W = Wide Area

(all on air except as noted)

NEBRASKA REPEATER FREQUENCY COORDINATOR
 Joe Eisenberg WABWRI
 6627 Colby, Lincoln, Nebr. 68505 402-464-8882

BAND	LOCATION	CALL	IN/OUT	COVERAGE	NOTES
2M	Ainsworth		6.22/82	L	
	Angora/Scottsbluff	AGØN	7.285/885	L	
	Beatrice	WØØAEH	6.19/79	R	
	Bellevue	WØØAQX	7.81/21	L	
	Burwell-Taylor	WRØAQQ	6.40/7.00	R	
	Cambridge	KØZMK	6.37/97	L	
	Carroll-Norfolk	WØØUPJ	6.13/73	L	
	Chadron	WØFLO	6.16/76	R	
	Clarkson		6.28/88	R	
	Columbus	WØCVX	6.04/64	L	
	David City	WØØFOV	7.69/09		Proposed
	Elwood	WØØIVW	4.63/5.23		Proposed
	Fremont		6.07/67	R	
	Grand Island	AJØA	6.34/94	R	
	Hastings	WRØAEX	6.22/82	W	
	Kearney	WØØIVW	6.31/91	W	
	Kimball		6.04/64	L	
	Lincoln(Beaver Crossing)	WRØACD	6.16/76	W	
	Lincoln	WRØAEV	6.25/85	L	
		WØØZKE	7.93/33	L	
		WØØTAU	7.84/24	L	UNL Experimental
		KØNG	4.52/5.12	L	Linear translator-Experimental
	McCook	WRØALY	6.07/67	L	
		WØØSGA	7.87/27	L	
	Nebraska City	KØTIK	6.10/70	L	
	Norfolk	WØØUPJ	7.63/03	L	
		WØØHRM	7.72/12	L	
	North Platte	KØØJL	7.66/06	L	
		WRØAØØ	6.34/94	R	Linked to 16/76 Ogallala.
	Ogallala	WRØADL	6.16/76	R	Linked to 34/94 North Platte
	Omaha	KØØØY	4.85/5.45	L	Has two inputs and is linked to 220 & 440 under KØØØY
		KØØØY	6.05/5.45	L	
		WØØEQU	6.34/94	W	
		WØØEXA	6.99/39	R	
		WØØNTL	7.90/30	L	
	Omaha-Council Bluffs	WØØCMC	6.40/7.00	L	Has two inputs and is linked to 220 under WØØCMC
	O'Neil-Inman	WØØCMC	7.60/7.00	L	
	Plattsmouth	WØØSOP	6.01/61	R	
	Sartoria		6.13/73	L	
	Scottsbluff	WØØIVW	4.61/5.21		Proposed
		WRØACZ	6.34/94	L	
		WØØØQG	4.73/5.33	L	Experimental
		KØTUH	6.40/7.00	Under Const.	
		KØTUH	7.60/00	Under Const.	
	Scottsbluff-Melbeta	WØØKAV		L	Proposed
	Seward	WØØHØU	7.87/27	L	
	Sidney		6.25/85	L	
	Valentine		6.25/85	L	
	Valparaiso	WØØSIP		W	RTTY Under Const.
	York	AØØØ	7.90/30		Under Const.
220	Kearney	WØØIVW	2.34/3.94	R	Remote base capability
		WØØIVW	3.34/4.94	R	Under Const.
	Omaha	WØØCMC	2.34/3.94	L	Linked to 2M under WØØCMC
		WØØCMC	3.34/4.94	W	
220	Omaha	WØØØPP	2.82/4.42	L	Experimental
		KØØØY	2.86/4.46	L	Linked to 2M under KØØØY
440	Lincoln	WØØØMS	9.10/4.10	L	Under Const.
	Omaha	KØØØY	9.70/4.70	L	Linked to 2M

Any corrections or updates are appreciated.
 Send all new information to WABWRI.

An elderly driver on a busy freeway in a huge metropolitan area was bewildered by the missile-like speed of the other cars. He drove at his usual rate, slower than minimum.

A police car overtook him. "I suppose you know why I stopped you," the officer said.

"Sure do," the old-timer replied. "I'm the only one you could catch."

The Oregon Freemason

1981 ANNUAL MEETING AK-SAR-BEN AMATEUR RADIO CLUB, INC.

The 1981 Annual Meeting will be held at the Douglas/Sarpy County Chapter American Red Cross, December 11, 1981 at 7:30 P.M.

Election of officers and such other business as may regularly come before the meeting will be conducted.

Paid club members will be eligible to vote — 1982 dues are payable at this meeting.

The Articles of Incorporation and Bylaws of the Club provide for the election of a President, Vice President and four members of the Executive Council each year. The President and Vice President are elected for a one-year term, the Executive Council members are elected for a two-year term. The outgoing President remains on the Board of Trustees as Immediate Past President for one additional year.

The President, Vice President, Immediate Past President and eight members of the Executive Council constitute the Board of Trustees of the Club. The new Board of Trustees shall elect from the Executive Council a Secretary and Treasurer.

Sincere thanks to those whose terms expire in 1981 for their efforts in behalf of the Club. They are: Richard D. Jugel, KØDG; Thomas L. Thiessen, KØPQR; Michael D. Bruening, NØAON; Edward J. Hofmann, WDØHBY; Ellen Morrissey, WBØHWF; Charles E. Rodgers, WØQQN.

Remaining on the Board for 1982 are: James B. Wilson, Sr., WBØJPN, Immediate Past President; Walter J. Brown, Jr., KAØDMB; Richard L. Fehrman, KAØAAB; Mitchel H. Gagne, NØAZF; D. C. "Chuck" Hoffman, WBØNVL.

The Nominating Committee, which consisted of the President, WBØJPN and the following past presidents — KØDG (1980), KØPQR (1979), WBØQGV (1978), WBØLYU (1977), WAØVEE (1973), WØYZV (1956), will place in nomination at the annual meeting those listed below and on the following page.

For President

Walter J. Brown, KAØDMB

Age: 63

Address: 6206 Sprague Street, Omaha

Phone: 451-1072

Employment: Retired

Wife: Leota

Children: Robert, Bill, Dick, Wally

Licensed: 1979

Hobbies: Amateur radio, fishing and travel

For Vice President

William H. Martin, NØANQ

Age: 39
Address: 4517 N. 61st St., Omaha
Phone: 451-4988
Employment: Blue Cross/Blue Shield
Licensed: 1976
hobbies: Radio, computer, photography, camping, Boy Scouts

For Executive Council

Lysle Renne, NØCKH

Age: 62
Address: 5711 N. 27th, Omaha
Phone: 455-0805
Employment: Controller, Snow Company
Wife: Aileene
Children: Edith, Judy
Licensed: 1979
Hobbies: Radio, bowling

Raymond E. Fink, WDØGIL

Age: 39
Address: 5117 Drexel, Omaha
Phone: 734-5935
Employment: SAC-Offutt AFB
Wife: Ilene
Children: Bonnie, Donald
Licensed: 1978
Hobbies: Radio, computers, Soap Box Derby, Navy Mars

Fred C. Genovesi, KAØKDG

Age: 36
Address: 7714 North Ridge Dr., Omaha
Phone: 455-7051
Employment: Self-employed
Wife: Nancy
Children: Gary, Rodney, Cindy, Charlie, Mary
Licensed: 1981
Hobbies: Archery, hunting, fishing, camping

Frank D. Bruner, KØSST

Age: 56
Address: 10012 Emmet, Omaha
Phone: 571-1975
Employment: Union Pacific Railroad
Wife: Marianne
Children: Alan, Ann, Fred
Licensed: 1946
Hobbies: Radio, golf

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- FOR SALE: Drake L-7 Linear. Drake MN2000. Both mint condition. Bernie WBØEYT, 402-731-0128.
- FOR SALE: One 18HT Hy-gain Hi-tower, plate for radials included. No stubs for base. \$150.00. Floyd Schadendorf WBØLXP, 12311 Weir St., Omaha, NE 68137, 402-895-2116.
- FOR SALE: Kenwood TR 9000, BO 9 System Base, Mint Condx, eight months old. Kenwood PS 30, 20 AMP Supply. Package deal only. Original boxes, \$525.00
John NØAJU, 402-331-3973
- FOR SALE: Kenwood TR 9000. 2MTR All Mode Trans and PS 20 Power Supply. Mint condition. Very little use. 40 Foot Crank-up Tower, 14 Ele Hy-gain Beam, Rotor & Cable & Mast. Complete station ready to go.
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- FOR SALE: ICOM 215 with 5 Crystals. C-Cell Nicads and Charger. \$110.00. Rubber Duck and Telescope Ants. Duke WDØEWH, 402-455-5402.
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R/S 2M 8 CH. SCANR, \$49.00
DX-150 Gen. Cov. RX, \$85.00
DX-160 Gen. Cov. RX, \$85.00
Rich, WAØZQG, 402-322-7775
- FOR SALE: Hustler 4 BTV, \$30.00 75 Meter Resonator RM 75, \$10.00
Call me if you want a vertical.
Charles Michel KØQVL, 8720 Charles St., Omaha, 68114.
- FOR SALE: Ten-Tec Century 21 CW transceiver (analog) with Ten-Tec 228 antenna tuner with SWR meter, both mint condition, \$300; Yaesu FRG-7 general coverage receiver \$175; Sony TC-540 reel stereo tape recorder/player with many reel tapes, \$150.00
David KAØHTW, 397-6339, evenings and weekends.



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• Extremely compact size and light weight

Measures 66 (2.5") W x 168 (6.5") H x 40 (1.5") D, mm (inches). Weighs 540 grams (1.2 lbs) with Ni-Cd pack (Photo shown, actual size)

• LCD digital frequency readout

Easy to read in direct sunlight or dark (built-in lamp switch). Low current drain. Shows frequencies and memory channels, plus four "Arrow" mode indicators.

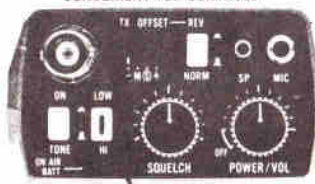
• Ten channel memory

Nine memories for simplex or 3600 KHz offset. "MS" memory for non-standard split frequency repeaters.

• Lithium battery memory back-up

Built-in Lithium battery (estimated 5 year life) maintains memory when Ni-Cd pack is fully discharged or removed.

CONVENIENT TOP CONTROLS



• HI/LO power output selection

Allows operation at 2.5 watts or 300 mw RF output.



Actual size

• Memory scan

Scans only channels in which frequency data is stored. Stops on busy channel, resumes scan approximately 2 seconds after signal ceases.

• Programmable automatic band scan
Upper and lower frequency limits and scan steps of 5 KHz and larger (5, 10, 15, 20, 30 KHz, etc.) may be programmed. Scan locks on busy channel, resumes approximately 2 seconds after signal ceases.

• UP/DOWN manual scan

Up/Down manual scan in 5 KHz steps.

• Built-in tuneable sub-tone encoder
Sub-tone encoder, with activate switch, tuneable (variable resistor) to desired CTCSS tone. Optional TU-1 programmable (DIP-switch) encoder/accessory available.

• Built-in 16 key autopatch encoder
16 keys provide telephone dual tone modulation.

• "SLIDE-LOC" battery pack

Slides into position, locks into place.

• Reverse operation

Shifts receiver to transmit frequency, and transmitter to receive frequency.

• Keyboard frequency selection

Sets operation frequency across full range.

• Extended frequency coverage

Covers 143.900 to 148.995 MHz in 5 KHz steps.

• Optional power source

Using optional MS-1 mobile or ST-2 AC charger/power supply, radio may be operated while charging. (Automatic drop-in connectors.)

• High impact plastic case

Provides extra strength to resist damage.

• Battery status indicator

Flashes to indicate low battery charge level.

• Two lock switches

Prevent accidental frequency change and accidental transmission.

Standard accessories included:

- Flexible rubberized antenna with IHC connector
- 100 mA/H tuneable Ni-Cd battery pack
- AC charger
- Plugs for external microphone and speaker

More information on the TR-2500 is available from all authorized dealers of The Kenwood Communications, 111 West Walnut Street, Compton, California 90220.

Optional accessories:

- ST-2 Base station power supply and quick charger (approx. 1 hr)
- MS-1 Mobile stand/charger supply
- TU-1 Programmable sub-tone (CTCSS) encoder
- SMC-25 Speaker microphone
- LH-2 Deluxe top grain cowhide leather case

- PB-25 Extra Ni-Cd battery pack, 400 mA/H, heavy duty
- BH-2 Belt hook
- WS-1 Wrist strap
- EP-1 Earphone
- RF power amplifier (To be announced later)



Specifications and prices are subject to change without notice or obligation.

**Free Ham Classes at HI
Starting Nov. 14 at 10:00 AM
Register Early**