AUGUST 2025 EDITION







Barb **K6BRB** looks through a collection of QSL cards brought by silent key Bill Adams **W6BA**'s granddaughter Cindy Bernard to July's club meeting. – Photo by Lis **N6NDC**

Presentation by Cindy Bernard, Granddaughter of Bill Adams **W6BA**

By Lis Schwitters **N6NDC**, submitted on July 25, 2025

Cindy Bernard, granddaughter of Bill Adams **W6BA**, provided a historic look into the background of our club call **W6BA**. The call sign **W6BA** was acquired by Glenn Miller **N6GIW** (the callsign trustee) for our club in 2001 and is used on the club's repeater and for Field Day, retiring the old club call sign **KE6TXL**.

Bill was a founding member of **MBARC** in 1971, and was first licensed in the 1920s as **W6ANN** operating in the Palos Verdes area along with his very close friend Don Wallace **W6AM**. He was an avid DXer and Charter Member of the Southern California DX Club throughout his 75 years as an amateur radio operator.

In the early 1960's Bill looked for property in the Twentynine Palms area and ended up purchasing a 40-acre parcel south of HWY 62 at Shoshone Valley Road, ... COVER STORY, p. 4

Information At A Glance

Upcoming Club Meetings

Monthly club meetings are on the 3rd Saturday, every month, at 1400.

™ Date & Time **♥** Location

Aug 16	@	1400	Yucca Mesa Community Center
Sep 20	@	1400	Yucca Mesa Community Center
Oct 18	@	1400	Yucca Mesa Community Center

Local Nets

	ि Day	&	Time
Amateur Radio Emergency Service	MON	@	1915
MBARC Weekly Net	TUE	@	1900
MBARC "Cawfee Tawk"	DAILY	@	1000

MBARC Linked Repeater System

For more info, see the 2nd to last page for detailed diagram of the **MBARC** Linked Repeater System or visit w6ba.net.

♥ Site	\sim MHz	½	T
W6BA Yucca Valley / Paxton Hill	146.790	-	136.5
W6BA Twentynine Palms / Donnell Hill	147.060	+	136.5
WB6CDF Landers / Fire Station	447.580	_	173.8
AD6G Pipes Canyon	446.120	Ø	146.2

Local VoIP-to-RF Nodes

罕 System	# Node	NET Link
AllStarLink	503088	KM6IAU to W6BA YV
EchoLink	KM6IAU-L	KM6IAU to W6BA YV
EchoLink	WO4ROB-L	WO4ROB to W6BA YV

Local RF-to-VoIP Nodes

♥ Site	\MHz ½	T	写 System	# Node/TG
KD6DIQ YV	145.770 Ø	67.0	AllStar	<u>28855</u>
WB6CDF YV	447.000 -	CC 10	DMR/BM	TS1:TG 3106
				TS2:TG 2

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MBARC Board of Directors

PresidentPaul Edwards	AA6SM
Vice PresidentLarry Mollica	AD6G
Secretary Jake Jakubowski	N6XIV
<i>Treasurer</i> Glenn Miller	N6GIW
Board Members Aaron Chesney	KM6IAU
Bryan Heveron	KF6YGK
Rob Cloutier	WO4ROB
Repeater TrusteeGlenn Miller	N6GIW

MBARC Beacon --- AUGUST 2025 EDITION

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Maja Chesney	KO6DAV
Larry Mollica	AD6G
Steve Harrison	KØXP

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Your Newsletter, Your Voice.

If you have material you'd like to share in a future newsletter, get in touch.



Aaron Chesney **KM6IAU**



442-205-1873, extension 5



Aaron@KM6IAU.net

President's Message

Thanks to those who took over for me, both on the nets and at the meetings, while I was gone for three weeks on vacation. It is sincerely appreciated!

Volunteers are needed for club meeting presentations for the months of August, September and November. The presentation does not necessarily need to be about amateur radio - if you have an interesting hobby or skill we would welcome learning about it.

Please support our nets - ARES Net at 1915 local every Monday, the MBARC net at 1900 local every Tuesday and the "Cawfee Tawk" Net 1000 local every day on the Morongo Basin Linked Repeater System.

Suggestions as to where we want to go and what we want to do as a club are always welcome. I can be contacted at the club's email address w6ba.condition765@slmail.me and I will always respond to any serious query. After all, this is your club!

73s,



👤 Paul Edwards **AA6SM**



262-412-7323



w6ba.condition765@slmail.me



Meeting Minutes - JULY 2025

Submitted by Jake Jakubowski **N6XIV**, Club Secretary

Editor's note: This is an edited version. For the official record, contact the club secretary.

President Paul **AA6SM**, was not able to attend the general meeting due to a fall sustained days prior.

Vice President Larry **AD6G** opened the meeting at 1400 and announced club officers.

Club Treasurer Glenn **N6GIW** reported a club balance of \$2,004.03 after accounting for repeater expenditures.

Larry **AD6G** gave a quick explanation of the failed repeater components.

Guest Cindy Bernard gave a presentation on her grandfather, Bill Adams **W6BA**, highlighting his life and accomplishments in amateur radio. Attendees had the opportunity to view various pictures and memorabilia. Additionally, there is a site located at <u>69711 Twentynine Palms Hwy</u> that features a structure and poles from a 1,000-foot rhombic antenna.

The 50/50 raffle was held. The secretary counted 22 attendees. The meeting adjourned at 1440. ---

MBARC Membership Metrics – JUL 30, 2025

Submitted by Aaron Chesney **KM6IAU**, Membership Chair

Statistics

62 Members Total

- 48 members have Regular membership
 - 47 Regular members are current
 - 1 Regular member has expired membership
 - 5 **Regular** members have membership **expiring soon** (10% of **Regular** members)
- 2 members have **Active Duty** membership
- 10 members have **Lifetime** membership
- 2 members have **Honorary** membership
- 29 members are a part of a Family membership
- 33 members have **Individual** membership
- 52 members are currently licensed
 - 16 licensed members are **Technician** class
 - 20 licensed members are General class
 - 1 licensed member is Advanced class
 - 15 licensed members are Extra class
- 10 members are unlicensed or expired license

(77% of **all** members)

(98% of **Regular** members)

(2% of **Regular** members)

0% of **kegular** members)

(3% of **all** members) (16% of **all** members)

(3% of **all** members)

(47% of **all** members)

(53% of **all** members)

(84% of **all** members)

(31% of **licensed** members)

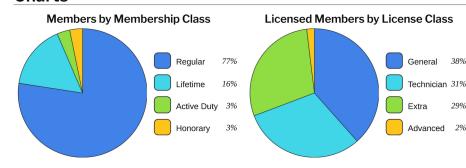
(38% of **licensed** members)

(2% of **licensed** members)

(29% of licensed members)

(16% of **all** members)

Charts



Member Birthdays – August 2025

Regular Section by Maja Chesney **KO6DAV**

On behalf of the club, I want to extend our warmest birthday wishes to all our cherished members celebrating a birthday this month.

May your special day bring joy, love, and peace. Stay happy and blessed.

If you'd like your birthday to be included for recognition here and on the club's <u>Facebook page</u>, <u>get in touch</u>.



Maja Chesney **KO6DAV**



<u>442-205-1983</u>, extension 6

maj.chesney@gmail.com



COVER STORY, continued

... building a house and antenna farm with a massive rhombic antenna. Bill was obsessed with ham radio so much so that his grandkids could not watch TV when visiting. The whole family had to live with the sounds of ham radio.

Though Bill was never in the military, he did provide MARS phone patches for those on base and used the same system to speak with Cindy and family in San Pedro from Twentynine Palms.

As an artist, Cindy sought inspiration in Bill's ham radio obsession by creating a body of work called "Deleted Entities". By using the QSL cards from countries that no longer exist, she did research whether the stations were still in operation or now an SK (silent key). She sometimes would receive correspondence from these hams reminiscing about their contact with Bill. Cindy is very aware of the power of this form of communication, stating, "If the world collapses, there's still ham radio."

Bill became a silent key in 1999.

A few of our long-time members have memories of visiting Bill's QTH; Glenn **N6GIW**, had been to the location many times, helping to build the watering system for his trees and to set up a packet station.

Cindy brought historic ephemera for members to peruse: old QSL cards, newspaper clippings, awards, photographs from the 1920s & 1930s, and some items from Bill's station – a key made from a stapler and an old microphone.

Be on the lookout around town as Cindy is not a ham, but was able to acquire her grandfather's call sign on her license plates by adding "29."

For more information, visit Cindy's website:

- * https://www.cindybernard.com/works/silent-key-portraits-stations/
- * https://www.cindybernard.com/works/silent-key-deleted-entities/
- https://www.cindybernard.com/wp-content/uploads/2015/08/ BCAbrochure.pdf

More information about Don Wallace:

- *** W6AM**'s son's *Harper's Magazine*: https://harpers.org/tag/don-wallace/ (behind a paywall)
- * (Video) Interview "Don Wallace **W6AM** 1984" (*Interviewed by Wayne Overbeck N6NB*, my former CSUF professor) https://www.youtube.com/watch?v=E5iVb-3MHEY ---



A key made from a stapler was among the presented items from Bill's station. – Photo by Lis **N6NDC**



Image of the brochure from <u>Cindy Bernard's "Silent Key" art</u> exhibition at the <u>Boston Center for Arts</u> circa December 2008. – Image used with permission.

Editor's Note: More about Bill Adams in the DECEMBER 2024, APRIL 2025, and MAY 2025 editions of the MBARC Beacon.

Yucca Valley Repeater 12-Volt System Changes

By Larry Mollica AD6G, submitted on July 29, 2025

On July 4th, Bryan **KF6YGK** and Glenn **N6GIW** noticed the remote power readings on the 12-volt distribution system on Paxton Hill (the Yucca Valley repeater) were abnormally low, reading about 12.5 volts when the system was idle. Normally, the float voltage on these batteries for a standby application would be in the neighborhood of around 13.5V.

On July 6th, Clifford **KK6QMS** and I went up the hill and confirmed that the Samlex charger's float voltage was abnormally low. When testing the charger in boost mode, it was able to bring the output to the 14-volt boost voltage, indicating while it had the current capacity needed, it's float voltage smarts was apparently on an extended break.

On July 7th, Bryan **KF6YGK** and I went to the site and replaced the defective Samlex charger with a new <u>Victron IP22</u> 30-amp charger that he had on hand. The new charger has considerably more smarts than the charger it replaces including Bluetooth programmable charge algorithm.

At the same time, we determined that one of the two parallel 12-volt battery strings had aged to the point it was acting less like a battery and more like a resistor. When the charger was offline, this 12V string was pulling current, about 5 amps, from the other battery string, rather than contributing current as it should have been. All the batteries were bulging slightly, the defective batteries even more so. The



Bryan KF6YGK connecting new Victron SLA AGM battery. - Photo by Larry AD6G

defective string was removed from service at that time.

The board approved the purchase of the new charger and a new battery string, both of which Bryan supplied at-cost. Chris donated a <u>Tycon TPDIN-Monitor-WEB3</u> remote monitor and control unit that will monitor battery voltage, current, and temperature; and do assorted other functions.

The new <u>Victron 240Ah deep cycle AGM</u> <u>battery</u> and the remote monitor were installed on July 27th and the old batteries were removed from the site.

Work remaining to be done:

- Install some additional fuses and/or circuit breakers in the battery enclosure.
- Replace missing and degraded insulation panels in the battery enclosure.
- **★** Install solar charging system (donated by Bryan **KF6YGK**)
- * Chris is going to make inquiries to his Samlex contacts to see if they will repair or replace the old charger, which might get reused in a less critical application.

MBARC Tuesday Net Updated Preamble

Submitted by Aaron Chesney KM6IAU, July 30, 2025

You may have noticed a recent change to the **MBARC** Tuesday Net preamble.

Larry **AD6G** presented a modification which includes an invitation for unlicensed listeners to learn more about amateur radio and licensing via the club website. There

is also an invitation for licensed-but-nevertransmitted (aka "mic-shy") amateurs to check-in when the net control operator asks for visitor check-ins.

Net control operators agreed that the update was good and the update went into effect on July 15.

I encourage readers to tune-in to the linked repeater system Tuesday evenings at 7PM (1900). If you're licensed, we'd love to hear your weekly check-in. If you're not yet licensed, we look forward to your licensed, weekly check-in!

Yucca Valley Repeater Noises, Revisited

By Larry Mollica AD6G, submitted on July 29, 2025

Readers of the MBARC Beacon may remember an article in the June 2025 newsletter describing changes to the Yucca Valley repeater system at the end of April. One of the changes was to replace the Motorola CDM mobile radio that acts as the repeater transmitter. This was done in an attempt to remedy the frequent loud noises heard on the YV repeater's transmit channel. From June:

"The noise had already been isolated to the transmit signal path on Paxton (as opposed to the receiver or coming over the link from a different site). It's important to note that [the transmitter swap out] was done even though the transmitter was not known to be the culprit. Noises can be introduced anywhere in the transmit path, starting from audio coming out of the repeater controller, end with RF at the antenna, and including everything in between. The transmitter was replaced because it was a likely suspect, we had a spare, and it was relatively easy to do..."

The noises ceased after the the repeater work was performed April 28th, and have not been heard since. The transmitter swap solved the problem, *or so it seemed...*

On July 7th, while at the site to work on the battery charger problem, I took the opportunity to replace an RG-58 coax jumper cable (also referenced in the April article) with an RG-400 double-shielded, low-loss jumper. This is the coax cable that connects the repeater's transmit radio to the isolator, and from thence to the duplexer, etc. The new jumper terminates as a male N connector, connected directly to the isolator. This eliminated the need for the male-male N adapter that had to be used to connect the old jumper, which had sometime previously been connected directly to the duplexer before the isolator was added.



Faulty end of a coax jumper. Laying in front is the <u>female</u> <u>center pin</u> which had separated from the rest of the old jumper (behind). – Photo by Larry **AD6G**

After the jumper had been replaced and I was putting gear away, I noticed something odd about the N adapter that I'd removed. There was a metal object sticking out of it that did not belong there. The metal object was in fact the <u>female center pin</u> (see photo) from the coax jumper! It had separated from the N connector on the old jumper. Close inspection revealed that the pin had pulled cleanly off of the center conductor of the jumper's RG-58 coax; it had a weak crimp that had finally let go entirely.

It now seems very likely that this bad crimp was the noise culprit all along. The work done in April involved that cable and it is very likely the noises ceased due to it be jostled enough to at least temporarily make a better connection in the bad crimp. The swapped out radio probably has no issues. In all likelihood, the noises might have returned if that cable had been left in service and either got jostled again, or over time shifted a bit due to thermal changes. Who knows?

The moral of the story: intermittent troubles are the WORST! ---

MBARC Personalized Name Tags

Looking for a spirited way to showcase your radio club membership? Order your name tag today!

***** Size: 2.95×2.16 inches $(7.5 \times 5.5 \text{ cm})$

* Thickness: 3mm – Durable and sturdy

★ Backing: Magnetic – No pins, no hassle!

★ Price: Just \$8!

<u> craftedbymaja@gmail.com</u>

Crafted by Maja



Plan C Orion Antler Spread, KØXP – JULY 2025

Regular Section by Steve Harrison KØXP, submitted on July 26, 2025

Introduction

Welcome back to the Plan C Orion Antler Spread Activity Report! For those who are not familiar with this column, every month I present a report on what was worked on the HF CW bands out here in Wonder Valley. However, like the summer doldrums, there wasn't a whole lot of activity this month, either on HF or V/UHF. I am certain that I am forgetting some operating events that occurred during the month but I did not take notes, so I don't recall right now what else may have happened besides what's related below.

Activity Report

There were a few DXpeditions out there whom I worked on several bands (J79BH on Dominica Island in the Caribbean, and T30TTT in the Northern Kiribati Islands of the South Pacific come to mind); but overall, 'ole Sol didn't precipitate much other ionospheric excitement. There was some aurora in the north and east during the first part of the month, particularly on 6 meters, but it didn't seem to stretch as far south or west as Southern California (that I'm aware of). There was very sporadic Sporadic-Es propagation early this month (that's why it's called "Sporadic-Es") but other than during the CQ WW VHF contest, it didn't really result in any wide-open 6-meter activity in the West.

Over the past month, I have seen quite a few spots from back east for QSOs being made on both aurora as well as sporadic-E, including some to Europe from the Northeast coast. Several easterners also apparently worked Japan!

The weekend following Field Day also saw the running of the CQ World Wide VHF contest. This was the first time I've ever participated in this contest with any semblance of "seriousness"; much of the reason I did is because this contest only takes place on 6 and 2 meters, analog modes only. There was no digital for this weekend's event: the digital version of the contest took place the following weekend, but I don't work digital modes. During Saturday morning of the contest, I got tired of not hearing much using my 160-meter inverted-L wire antenna tuned with an old

Murch 2000A antenna tuner. During the preceding week, I had been assembling my brand new LFA-Q 4-element 6-meter quad antenna (from InnovAntennas and GOKSC), and it was ready to pull up on Saturday morning, once I strapped a gin pole to a strong fence pole and strung a strong rope through the pulleys at the top of the gin pole and at the 15-foot level of the antenna pole. With a great deal of huffin', puffin', and groanin', I was finally able to pull the 20foot antenna pole with Yaesu G-450A rotor, and the LFA-Q quad antenna mounted above the rotator, up into the air and tie it down. Once it was connected it to my radio, right off, I noticed a BIG difference in what I could now hear on the 6-meter band: it was like night and day!

So now, with my new LFA-Q 4-element quad antenna for 6 meters (it's only up a little more than 20 feet right now), I have some directivity and gain on the band. I did not include my CQ WW VHF contest log here, but did manage to make some 35 QSOs in about 28 grid locators on 6 meters alone during the 24-hours duration of the contest, from **W2**s in northern New York state and a **VE3** in southern Ontario province, through **VE7** in British Columbia province, and down to the Houston, Texas area. I also worked a number of fellows in the Maryland-Virginia area. Since I had to drop my 2-meter Yagi to use its rotator on

the 6-meter quad, I did not have a 2-meter antenna available, so didn't work 2 meters during the contest.

So now, when I see spots from the east indicating openings to DX locations, I point my quad in the direction of the DX and listen as well as calling CQ, hoping for an extension of the opening to the west coast. Over the past month after the contest, however, other than several guys down in San Diego working several Japanese, I have not heard much in particular.

The table below describes what can be worked on HF CW, 160 meters through 6 meters, within one month or less, with very modest, low wire antennas or a 4L quad on 6 meters from the hidesert: specifically, Wonder Valley. Right now, I mainly chase DX, especially new countries. I try to work as many new countries as possible on any band (except 60 meters) from 160 meters to 6 meters, as well as other interesting stations from time to time.

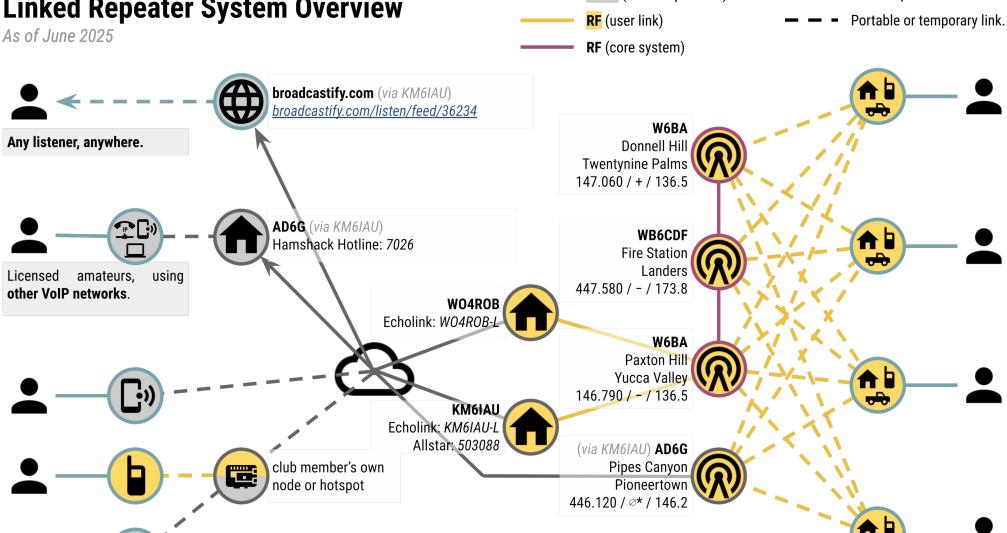
This concludes the Plan C Orion Antler Spread activity report this month. If you would like help or advice on CW operation on HF, just drop me a note at k0xp@k0xp.com and I'll get right back to you.

73, Steve **KØXP** (/**6**)

Date and Time	Freq	Callsign	RST		Country	Comments	
UTC	KHz	CallSign	Sent Rcvd		Country	Comments	
2025/06/25 23:37	18 073.0	J79BH	599	599	Dominica	1st band	
2025/06/26 18:18	50 098.5	N2KW	579	579	New York	FN32, double-hop Es	
2025/06/26 18:47	50 098.5	KB0Z0M	599	539		EN00	
2025/06/26 18:51	50 098.5	KW7Q	579	559		DN70	
2025/06/26 23:25	50 098.5	W6TDX	539	559		DM24	
2025/06/27 07:25	10 108.0	J79BH	599	599	Dominica	2nd band	
2025/06/27 07:54	14 025.0	J79BH	599	599	Dominica	3rd band	
2025/07/03 11:19	14 030.0	JD1BMH	599	599	Ogasawara Isl.		
2025/07/11 22:11	18 072.0	T30TTT	599	599	W Kiribati Isls.		
2025/07/11 23:42	14 017.0	TY5AD	599	599	Benin	QSO??	
2025/07/15 15:15	50 097.0	AE2DX	559	559		EL88	
2025/07/15 15:19	50 097.0	KJ4E	449	449		EL99	
2025/07/16 01:32	50 098.5	K9MU	599	559		EN44	
2025/07/21 16:08	50 098.5	W5NM	599	579		DM62	
2025/07/21 17:24	50 098.6	VE7EXW	579	569	BC, Canada		
2025/07/21 19:17	50 098.5	K7SS	599	55/99		Danny in Wash state	
2025/07/22 15:07	50 098.5	K5DC	599	599		EM12	
2025/07/23 03:24	50 098.5	WA7SDI	579	599		CN84	

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Morongo Basin Amateur Radio Club **Linked Repeater System Overview**



VOICE (audio signal)

DATA (internet protocol)

Licensed amateurs with club membership, using Allstar** or Echolink*.

Please use restrictive access, such as PL tone and low-gain antenna for RF links, or password for IP links. Do not link-in broad-access systems, such as other repeaters or reflectors, where such linking could transmit onto our club's system. Thank you.

Licensed amateurs with or without club membership, using RF.

Please do not link-in broad-access systems, such as other repeaters or reflectors, where such linking could transmit onto our club's system. Thank you.

One way link (listen only).

Fixed or permanent link.

- * This is a simplex node, not a repeater. You must wait for the carrier to drop before transmitting.
- ** Allstar access needs to be manually set up. Contact linkrequest@W6BA.net to submit your request.
- * Echolink access may need to be manually set up. Contact linkrequest@W6BA.net to submit your request.

Calendar – August 2025

Calendar -	KD6DIQ AllStarLink						
SUN	MON	TUE	WED	THU	FRI	SAT	Node#28855 Schedule
Jul 27	Jul 28	Jul 29	Jul 30	Jul 31	1	2	YV: 145.77MHz, Øshift, 1 67.0Hz
	1915 – ARES net						EVERYDAY
	1919 THEIS HEE	ctrl: Paul AA6SM					0000 – 0100 WIN System #2560
							2200 – 2400 WIN System #2560
			birthday: Ellie Sherwin				SUN
	_	_		_	_	_	No additional program, system open.
3	4	5	6	7	8	9	MON
	1915 – ARES net						0400 – 0730 East Coast Refl. #45225 1000 – 1300 Alaska Morning #29332
		ctrl: Keith N6GKB					<u> </u>
			1				TUE
			birthday: Paul AA6SM				0400 – 0730 East Coast Refl. #45225 1000 – 1300 Alaska Morning #29332
10	11	12	13	14	15	16	1700 – 1900 East Coast Refl. #45225
	1915 – ARES net					1400 – Club mtg,	WED
	1915 – ARES Het	ctrl: Glenn N6GIW				Yucca Mesa	0400 – 0730 East Coast Refl. #45225
						Community Center	1000 – 1300 Alaska Morning #29332 1700 – 1930 East Coast Refl. #45225
			birthday:		birthday:		THU
			Todd KD6DIQ		Dick N6NRA		0400 – 0730 East Coast Refl. #45225
17	18	19	20	21	22	23	1000 – 1300 Alaska Morning #29332
	1915 – ARES net	1					1700 – 1930 East Coast Refl. #45225
		ctrl: Fred WO6C					FRI
							0400 – 0730 East Coast Refl. #45225
							1000 – 1300 Alaska Morning #29332 1820 – 2400 WIN System #2560
24	25	26	27	28	29	30	SAT
	1915 – ARES net						0400 – 0730 East Coast Refl. #45225
	1313 MILLS HEL	ctrl: Aaron KM6IAU					1000 – 1300 Alaska Morning #29332 1700 – 1720 Newsline
31							2000 – 2200 East Coast Refl. #45225