The Prez Sez:

Another Band Threat:

Once again Radio Amateurs find their VHF and UHF frequencies under attack. This time the targets are the two meter band (144-148 MHz) and the three-quarter meter (70 centimeter) band (420 - 450 MHz); The threat is coming from a commercial satellite company who is planning on launching "little LEO" satellites and is looking for spectrum.

In this issue of RF is a copy of ARRL bulletin 37 that explains the threat and gives information on where to write letters to thwart off this threat. Please take some time from your busy schedule to draft and send a short letter to one of the addresses mentioned in the bulletin. You may also want to forward a copy to your congressperson.

Field Day - June 22nd and 23rd

Field Day is just a short week away, June 22nd and 23rd. The meeting will be very short this month because it is the evening before Field Day. The club is planning on meeting around noon on Friday at the site to begin setting up antennas. Please attend if you can get away for the afternoon. Also try to attend the meeting; The club will be going over some of the operating strategy, rules and logging instructions.

Logs need to be turned in to AF6C as soon as possible after the event. Logs can be in written form - There will be plenty of blank log sheets available at Field Day - or on computer disks. Apple II, Mac, and IBM clone disks can all be read. If there is someone in the club who can read and convert Commodore disks to one of the above formats, or can email or packet Commodore disk data, please get in touch with Larry, K6VDP.

de Bob, AF6C
1996 Board of Directors

President..................Bob Eckweiler....AF6C.........................639-5074
Vice President..........Ken Konechy....W6HHC.........................744-0217
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Member at Large........Kei Yamachika.W6NGO..........................538-8942

CLUB APPOINTMENTS

Club Historian............Bob Evans.....WB6DN..........................543-9111
W6ZE Trustee...............Bob Eckweiler...AF6C.......................639-5074
RF Editor..................Bud Barkhurst.WA6VPP.......................774-6361
Refreshments.............Jane Breller....KC6TAM.......................310-866-2077

DUES

Regular Member...........$ 12.00......Additional Members........$ 6.00 each
Teenage Member...........$ 6.00......Optional Club Badge.........$ 5.00 each
Dues for new members are prorated quarterly from January 1 each year.
Family members must reside at the address of a Regular Member. (One newsletter (RF) is sent per house.)

Field Day Dinner - Pot Luck

Hungry hams need to be fed. This year, the club is providing much of the dinner Saturday night and breakfast Sunday morning. Saturday lunch is the responsibility of each band. The club suggests that each band plan on some extra food for visiting operators.

The dinner Saturday night will be Chef’s Mystery* provided by the club. To augment the meal operators are being asked to bring some food based on their last name. Here’s the list:

If your last name starts with: Please Bring:
A - B Cold salad
C - G Tomatoes or lettuce or onion slices or pickles
H - R Desserts
S - Z One or two six packs of soda

Portions should be for about 6 people.

* Don't ask what this is, but Chef Smith claims we'll really like it.
WOX coaxes the XYL to get rid of her outdated coupons, and VFC says 6m is open right nw into TX, since 4 pm this afternoon! Dennis is abt finished wid the portable tower fer FD. And CHB comes in loud & clear at IXN's QTH.

FIELD DAY

FIELD DAY

FIELD DAY

FIELD DAY

FIELD DAY

THIS YEAR'S SITE

LET'S ALL GET OUT AND SUPPORT THE CLUB.

THE BIG DAY'S ARE——

JUNE 22nd and 23rd
NETNEWS
by Bob Evans, WB6IXN

4/24 2m phone net - ZE loses & refinds a page of his notes which contained HHC's report on the Baker to Vegas law enforcement relay. Ken provided the Orange PD wid amateur communications. HHC said that VKZ, VPP, BWH, & QE also helped wid communications at the Event. PFA, unable to attend, gets a run-down afterwards. And Ken says the May Club speaker will speak on GPS (Global Positioning Satellite).

5/1 15m phone net - W6ZE/AF6C checks in NGO, IXN, WOX, AD6B, & HHC. VKZ, NGO, HHC & AF6C pick up a tower, rotor and antennas donated to the Club, last Sat. Bob tackles rotator repairs while NGO takes on the tower. Come to Club meeting & hear how you might acquire a piece of this gear! NGO & IXN fight weeds bountifully supplied by garden mulch and fertilizer. IXN can't hear WOX tone, but did glean frm conversation that Art's daughter is a student at San Diego State.
AD6B hears all OPs well, and W6ZE asks Art to have Robin give a report on her first roller coaster ride atop the Space Needle in Vegas! HHC arrives late on the Net, hving just finished installing a new Phonemate answering service in the Kitchen. Ken's mom is out frm cold, cold Pittsburgh for the upcoming wedding. And HHC, AF6C, & NGO discuss the donated ham ants, etc., to the Club. HHC says wid the increase in traffic, Vegas has failed to make street & roadway accommodations for it!

5/1 2m phone net - W6ZE/IXN checks in AD6B, ONZ, VFC, RE, YZW, FZE, VDP, QW, WOX, HHC, TWA, BWH, & DLA. AD6B puts up the new ant. and 'booms in' at ZE's QTH. ONZ says that OPI went to Springfield, Ill., to help wid tornado disasters, and then off to St. Louis fer flood duty with the RC. Wid 6m activity low, VFC overhauls an HA 460 10W 6m AM rig, plus Attending Little League BR games wid the grandharmonic! BWH airs Newsline tape which featured ham heroes dealing wid floods, tornadoes, and a grounded ship sinking in the Caribbean! RE & VFC venture off to the El Toro DRMO to return Alex' Navy Marine Corp MARS teletype. Re-classified as junk, RE & VDP move the old teletype to the DRMO Junkyard!! No OBS volunteers fer the OCARC yet...Please contact RE fer details! YZW tries to cool off in the hot WX as he listens to the Net, and FZE 'flies in & flies out', to be followed in the same manner by HHC! VDP is planning a new 6m delta loop beam in the near future. And Larry says the El Toro DRMO didn't have much stuff at this time, and he thought prices were somewhat expensive! QW gets all his orchids planted, wid only one remaining in a flower pot! The orchids grow taller in the hot WX while QW withers! Missing his antennas, Rolf ventures to VFC's QTH to learn hw to weld. And Rolf mounts a 5/8 wave mobile ant to a plate VFC gave him, and the setup works well on 6m, too! WOX buys an HF tuner fer the rig at TRW Swapmeet last week, and Art's harmonic will manage a girl's soccer team! TWA pulls weeds frm the garden in the cool breeze coming up the Santa Ana River frm Huntington Beach! And Charles knows golfing has begun on the SA River golf course...He found 4 new golf balls in the yard! DLA installs the rig in the motor home, running it off a power
supply that allows AC hum in the audio. Bruce quickly changes to a DC source and all is well!

5/8 15m phone net - W6ZE/AF6C checks in NGO, AD6B, IXN, WOX, HHC, & RE. HHC wonders what he has forgotten wid the harmonic getting married this weekend! The in-laws are arriving & Ken will be vz busy next week! AD6B picks up a leather carrying case fer the 530 HT. And Art tells IXN that his sigs are weak at the QTH. Now AD6B is off to Orlando fer a couple of weeks! WOX is on jury duty & is already serving on a jury. IXN does not hear Art at his QTH. AF6C got a deposition to read while serving his last jury duty. And HHC needs a VCR fer next Club meeting. AF6C will give IXN past seismic reports at Club meeting. RE tells ZE that he needs to get rid of antenna materials on the 'back 40'. And the whole Mexican nation celebrates RE's BD...It falls on Cinco de Mayo!!

5/8 2m phone net - W6ZE/IXN checks in VDP, QW, VFC, UBD, RE, TWA, WOX, and BWH. While working in the yard, VDP gets bitten by a bug that leaves him wid welts. And wid several projects in mind, VDP & QW will visit Shore Metals in Placentia come Sat. to pick up needed materials. VDP will build a 5/8 over 5/8 ant. of Wil's design fer 6m. also a delta loop ant., and do sum alignment work on the 830. QW buys a video digitizer fer the computer, which will allow picture transfer into the computer. And wid part of the Business now sold, QW moves a step closer to his Washington QTH! VFC hears only one station during a meteor shower last week, and like those hamburgers, it was 'in n out'! RE gives a disgusting propagation report, and Alex says he's taking a vitamin called OCUDINE, or OCUVITE, fer the cataracts! TWA says Ocuomite is available in the ARP Catalogue. WOX says IXN's sigs are vz weak at the QTH. And Art attends the UHF/VHF conference in La Mirada, before starting jury duty on Mon. BWH says there is no mail fer ZH. Bob checks in mobile, airing Newsline after he arrives at the QTH. And Newsline says that the FCC will no longer require ocean-going commercial vessels to carry CW gear if they are equipped wid satellite based communications on board! UBD checks in using a new fibre-glass Hygain vertical ant., and Del is heard FB copy by all net OPs!

5/15 15m phone net - W6ZE/AF6C checks in NGO, WOX, IXN, & XO. NGO parts wid a few bucks fer a new welder wid automatic feed and 30V at 155 amps out. AF6C gets the ant. rotor working, and it has an instruction manual to go wid it...Need an ant. rotator?...See Bob! IXN checks in after helping neighbor wid a broken water line. XO's XYL gets stuck in SA Canyon wid a fan-pierced radiator...$900 later, all is well!!! AF6C, at the airport next net, asks IXN to take NC duties until he gets home. And congrats to VPP fer our vz fine Newsletters (RF!) ZE inquires abt FD correspondence frm the Marine Base. (see below) NGO, AF6C, ZH & TAM, and VKZ all attend the marriage of HHC's youngest harmonic last weekend. (To distinguish gender, sons ought to be harmonics, and daughters harmonicas!...HI!) WOX 'flies in' & then 'flies out' to attend a PTA meeting wid his harmonic's teachers.
5/15 2m phone net - W6ZE/IXN checks in AF6C, VFC, YZW, VDP, QW, WOX, TWA, FMX, ESD, RE, KB60UM, BWH, & FJ. AF6C asks BWH if a letter from the Marine Base appeared in the Club mail. BWH responds negatively! VFC says 6m was open yesterday & today... WA, OR, MT, & K7NO frm Fairbanks, AK, no less! And Dennis still finds time to put QW's bead welder thru its paces building a 30 lb portable crank-up tower! YZW says the gasoline crunch has caused a slight slow-down in business, and VDP uses the 6m opening to garner two new grid squares in OR and Abilene, TX. And VDP needs Club stationery! And QW & VDP go metal-shopping. VDP works on a 6m delta beam ant., while QW replaces cardboard templates fer the greenhouse wid metal. And QW manages to find time to play wid his new freeze-frame program on the computer. WOX manages to find 10m openings in NM & WA. And Art finishes jury duty last Mon. Now it's Club meeting Fri. eve. & the Swap Meet on Sat! TWA landlines IXN abt K5GH, a special event station at the TX Star Party operating frm McDonald Observatory. IXN tunes in the station just as a small earthquake occurs in the Northridge area! FMX joins the NGO/TWA/IXN crowd, watering flowers & veges! And Paul puts up a new R-7000 HF ant. (Ed. note: Paul, check wid Larry, VDP, abt protecting your new ant. frm the WX!... It will pay off!!) ESD is still "tripping the light fantastic" 4 to 5 nites a week. And all that dancing pays off in excellent results frm a recent treadmill! Bob will be undergoing surgery soon! Wid sunspots dwnt & propagation dwnt. RE doesn't hear much bulletin-wise! And Alex says Corky, N6 HQI, cud use OPs to cover communications for the upcoming Diabetes Bikeathon. RE also tells OPs that Armed Forces Day is this weekend, & to check p. 101 for details in May QST! KB60UM, Jim, checks in and will try to attend a Club meeting in the near future. BWH checks in mobile, and airs Newsline after he reaches the QTH. FJ finds a new Amateur Radio add on the Internet, and Bill will be at Meeting Fri. eve.

5/22 15m phone net - AF6C is off to the airport, so W6ZE/IXN checks in HHC, WOX, NGO, & TWA. HHC looks forward to a CSLB graduation next weekend. And HHC had a very interesting trip to Atlanta, Georgia, where he participated wid the people making the 'smart card' for food, merchandise, etc., purchases during the Olympic Games! NGO, wid an S7 noise level, strains to hear W6ZE tonite! Kei manages to get the wire welder working and makes use of the cool day to mow the lawn! And WOX finds HHC's description of how the 'Smart Card' works vy interesting! TWA asks OPs how they get QSL cards frm Cuba. And Charles says the 20m band is now a little better! IXN, HHC, & NGO all discuss successes and failures in their current flower & veggie gardens.

5/22 2m phone net - W6ZE/IXN checks in ZH, RE, VFC, VDP, QW, WOX, TWA, KF6CHB, & BWH. TWA poses the QSL card problem with Cuba, and ZH & RE come bk wid several suggestions for Charles to use to glean QSL cards frm Cuban OPs! Wid TAM visiting bk East, ZH 'batches it' alone fer awhile. And Chris tells OPs that he has verbal agreement wid a sergeant Garcia fer the FD site at the Tustin Marine Air Station. RE says his spring flowers are all gone, but that sunspots are increasing. However, the 10m flux is still in the 70s & 80s. VFC is putting QW's welder to gd use. And QW sells 1/2 of his business, wid only the sewing dept. left to go! Rolf gets a new metal bandsaw and
makes a larger table for it so he can cut metal pieces for the new greenhouse. VFC says 6m is open every day, with CO, NM, & WA bombing in this morning! And Dennis continues work on the portable tower. VDP uses aluminum solder on the 6m delta beam, and Larry goes with COJ to the So. County Radio Club's auction. And Larry describes the Ten Tec Transverter for HF rigs to work in the 6m band. And VDP reports that he heard a military station in Groton, Conn., and Andrews AFB on Armed Forces Day last weekend. IXN relays ZH's report about the FD site to BWH, and Bob aires a very interesting Newsline... Seems that the FCC will soon open a "Family Radio Band" around 462 MHz for short distance, low power communications between family members. WOX leaves 15m net early to take his daughter & the soccer team to Anaheim Stadium to get tickets for a game. And Art listens with interest as Dennis & Larry report openings on 6m! CHB, Gary, joins OCARC last meeting and OPs welcome Gary to the net! Gary uses his EICOM 2350 both for base station & mobile operation, with a J-pole antenna for base station operation. TWA uses all volunteer tomato plants for this year's crop. And Charles works VY1JA in the Yukon 5/9 on 20m!

5/29 15m phone net - Wow! Biggest check-in yet on 15m! W6ZE/AF6C checks in_HHC, AD6B, NGO, IXN, WOX, VK2, VDP, TWA, COJ & RE! AD6B is glad to be bk frm Fla., especially when one has the air condx on at 6 am! HHC enjoyed Atlanta, GA., even better abt 2 wks ago. NGO has a short contact wid Kaz this afternoon, and asks ZE if we have approval for the FD site confirmed yet. And HHC attends Michelle's graduation at UCLB. And Kenn will attend the work party for the Club Trailer after Sat. Blast. IXN & fam. travel to Garner Valley last Sun. (IXN's dad passes away on May 30. He was 91 1/2 yrs young!) NGO visited Fla. in the 50's.. Kei drove across the country! AF6C says there will be an OCC meeting the 1st wk in June. And IXN can't hear WOX at the QTH tonite! Art will attend the work party Sat. VK2 tells work party crew to bring wire brushes, scrapers, paint brushes, etc., and wear old clothes! VDP needs DE & Mass. for WAS on 6m! And Larry will attend the work party, too. TWA will be 76 yrs young tomorrow! And Charles says 10m is open at night! COJ has gear of a Silent Key to sell. And Dave's XYL & daughter are not well at present. N6UC underwent surgery for his back problem. He will start therapy soon. You can call Jack at 992-3000 ext. 2286. Jack is in St Jude Hosp. RE says if TWA keeps 'peddling pretty hard' he might catch Alex! RE says harmonic & helper re-screened the back porch. Now RE must replace the stripping!

5/29 2m phone net - W6ZE/IXN checks in OPI, RE, QH, VDP, TWA, WOX. VFC, CHB, & BWH. OPI tells ZE she'll check wid RC communicators to see if they will attend the OCARC Field Day. And Cindy just gets bk frm working tornadoes & floods in Springfield, Ill., and St. Louis. She'll make a quick appearance at the Breakfast & then it's off to Girl Scouts! VDP quips, "where's the raffle box, Cindy?". RE tells OPs to make sure they copy the Field Day Message, and QH has only the Sewing Dept. to sell before the move to Wash. Rolf builds a welding rig and cuts pieces for the greenhouse geodesic dome. The yr old microwave fails to make microwaves at VDPs QTH... Seems there's inoperative diodes in the turkey-works! "Oh where?... Oh where is the Club Stationery?" asks VDP! And Larry says TWA has the loudest sighs at his QTH on 15m tonite. And Charles tells IXN that he has sum ripe tomatoes already. Then TWA tells OPs abt his Elmer, a young man aboard the Lexington who died of Beri-Beri in a Japanese prison camp!
Hams respond to band threat with flood of comments, FCC sets up central comment address

Hams have responded in force to defend the 2-meter and 70-cm bands against a threat from the Mobile Satellite Service (MSS). Over the past week, hams have directed more than 1000 comments by letter, e-mail, telephone and fax to representatives on Informal Working Group 2A (IWG-2A), which is preparing draft US proposals for the 1997 World Radiocommunication Conference. The IWG-2A's list of 'candidate bands' for low-earth orbit mobile satellites ('little LEOs') includes the 144 and 430 MHz bands, among others suggested for consideration. Little LEOs are intended mainly to offer commercial paging and other low-data-rate messaging services.

The list of candidate bands was submitted by little LEO industry representatives at a May 7 IWG-2A meeting. ARRL Technical Relations Manager Paul Rinaldo, N4RI, was present and objected strongly to the inclusion of these two bands. He was told that objections should be submitted in written comments, and the ARRL did so on May 15. Despite the objections, the two ham bands remained on the table, prompting ARRL Executive Vice-President David Sumner, K1ZZ, to issue a call to action in his July 1996 QST editorial. The editorial--circulated far and wide by e-mail and packet radio--generated so many responses that the FCC has had to modify its procedures to cope with the deluge.

Instead of directing comments to the list of individuals distributed in an earlier bulletin and included in the pre-press version of K1ZZ's editorial, send comments by e-mail to wrc97fcc.gov. Send written comments--an original plus one copy--to Office of the Secretary, Federal Communications Commission, Washington, DC 20554. Each comment should include at the top, 'Reference No. ISP-96-005' and 'Advisory Committee Informal Working Group 2A.' The FCC staff says comments will be given prompt consideration. All written and electronic comments from Amateur Radio operators received at the Commission have been included as part of the public record on WRC-97.

Again, for the most expeditious and efficient consideration of your comments, the FCC asks amateurs to not send comments directly to the chair of the WRC-97 Advisory Committee, to the chairs and vice-chairs of the Informal Working Groups, to individual FCC staff members or to private-sector participants in the Advisory Committee process. Spread the word about this new commenting procedure.

The ARRL Web Site has complete information on the band threat situation at http://www.arrl.org/ and will update the information to reflect further developments.

NNNN
CLUB NETS

<table>
<thead>
<tr>
<th>Band</th>
<th>Mode</th>
<th>Day</th>
<th>Local Time</th>
<th>Freq. MHZ.</th>
<th>Net Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 Meters</td>
<td>SSB</td>
<td>Wednesday</td>
<td>8:00 Pm</td>
<td>21.375*</td>
<td>AF6C</td>
</tr>
<tr>
<td>2 Meters</td>
<td>FM</td>
<td>Wednesday</td>
<td>8:30 Pm</td>
<td>146.550 Simplex</td>
<td>WB6IXN</td>
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</tbody>
</table>

(Listen for W6ZE, Net Control) *Plus or Minus QRM

General Meeting
June 21
July 19
August 16

Board Breakfast
July 6
August 3
Sept. 7

General Meeting is the 3rd Friday of each month at 7:30 PM at the AMERICAN RED CROSS facilities.
601 N. Golden Circle Drive, Santa Ana, Ca.
Major Cross Streets: Fourth St. and Tustin Ave.
Talk in frequency: 146.550 MHZ simplex.

Board Meeting is the 1st Saturday of each month at 8:00 AM
The WILDFLOWER RESTAURANT - members & visitors are welcome.
2525 N. Grand Ave., Santa Ana, Ca.
Exit the 5 freeway at 17th Street, go east to Grand Ave. Go north on Grand; or exit the 22 freeway at Grand /Glassell. Go South to Restaurant.

Orange County Amateur Radio Club, Inc.
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