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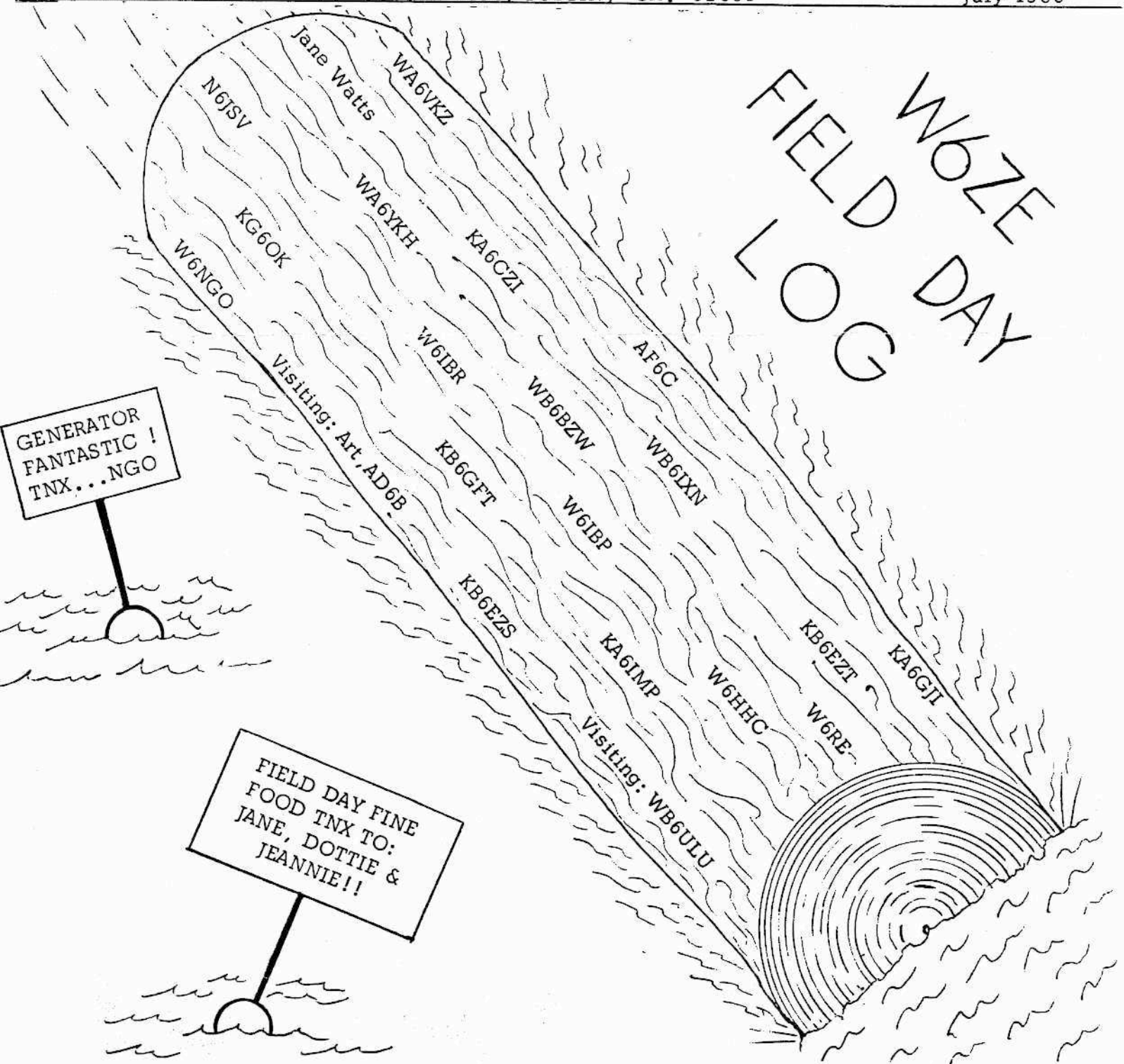


ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXVII No. 7

P. O. Box 3454, TUSTIN, CA, 92681

July 1986



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CLUB APPOINTMENTS

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W6ZE Trustee	Bob Eckweiler	AF6C	639-5074
R.F. Editor	Bob Evans	WB6IXN	543-9111
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CLUB FUNCTIONS

MONTHLY MEETING: 3rd Friday of each month, 7:30PM at:
MERCURY SAVINGS & LOAN
1095 Irvine Blvd. (4th S. KONECHY'S, Irvine)
Tustin, Ca. Talk
(T: JULY MEETING AT KEN KONECHY'S
an QTH! SEE MAP AND ITINERARY MHz
Pa UNDER JULY PROGRAM! che 55 FREEWAY
Blvd. on the left.)

CLUB BREAKFAST: 1st Saturday of each month, 8:00AM at:
MIMI'S CAFE
17231 17th Street
Tustin, Ca. (714) 544-5522
(55 FREEWAY at 17th Street east.)

CLUB NETS

BAND	MODE	DAY OF WEEK	LOCAL TIME	FREQ MHz
2 Meters	FM	Wednesday	2100 hrs.	146.550
15 Meters	SSB	Wednesday	2000 hrs.	21.375
15 Meters	CW	Sunday	2000 hrs.	21.175

(Listen for W6ZE, net control)

*** THE PREZ SEZ ***

Thanks to all who participated in our great Field Day! Hope I don't miss anyone!

75m/2m/12m/15m: IMP, VKZ, RE, OK, GFT, & GJI.

40m: IBR, IBP, BZW, IXN, OK, IMP, GFT, GJI.

20m: HHC, NGO, AF6C, OK, CZI, IMP, VKZ, GFT, JSV, GJI.

And we thank Jane, Dottie, and Jeannie for feeding us fine food and snacks on Field Day! Don't forget the 'wine & cheeze' party at HHC's QTH on July 18! This is for OMs, XYLs, and Harmonics!! July 18 is regular meeting night, but the business portion of the meeting will be suspended. However, we will have the RAFFLE!! Read more under 'July Program' this "RF".

*** JULY MEETING ***

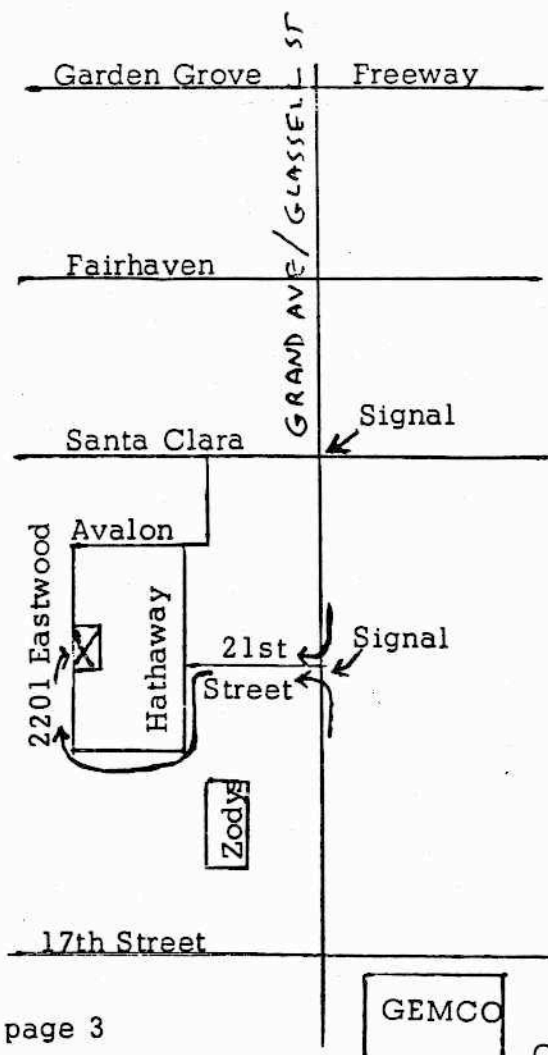
COME ONE!! COME ALL!!...to the 'Wine Tasting & Cheese' party to be held in place of July meeting at the QTH of Ken Konechy, HHC. Eyeball wid friends! Swim in the pool! Soak in the Spa! Bring the harmonics...make an evening of it! Please bring you, a bottle of wine, some cheeze, the XYL and harmonics, towels, bathing suits, (forgot to ask HHC about 'skinny-dipping, Hi!), a chair if you have one...And don't forget to pick up your tickets from Kei for the RAFFLE!! (PS: I also overheard plans for some of the 'Field Day' pix to be shown at meeting!) Find HHC's QTH from the map below and we'll see you all at 2201 N. Eastwood in Santa Ana on July 18 starting at 6:30pm! PS: Field Day pix to be shown at August meeting!!!

*** AT LAST MEETING ***

We all welcomed Ron Cade, WA6FIT, oldtimer, back to meeting. Hope to see you back agn, Ron! Dan, NY6U, has been talking with non other than our very first editor of 'RF', Dr. Marinus Conway, WA6UPP on 220! Doc has promised Dan that he will try to make it to a future meeting! The oldtimers are once more beginning to appear at Club meetings! So let's follow Dan's example and invite the OT OPs back for some 'eyeballs' wid us! And FIT, don't forget to go over your old Club pix & records to see what you can contribute to the Club history! Ken, HHC, gave a well received presentation on past Field Days, down to & including 1980. Although not much is said in response, Ken, we all deeply appreciate your many years of devotion, time, and participation in W6ZE activities, and also your interest and contributions to our Club history...Too bad we can't have 'pix' made of your group slides of Field Day for the Club History. We missed you at meeting, COJ & LJA!

HALF-CENTURY ARRL MEMBERS

From time to time the League recognizes those who have been members for at least half a century. Shelley Trotter, W6BAM, was recently honored for his 60 years of ARRL membership, while Cecil Chisholm, W7LGF, and Paul Schneider, N6XW, received plaques commemorating their 50th anniversaries as League members. We'd like to congratulate these members on their long-time support of the ARRL. (Tnx, WZO)...(PS: Shelley was a long time member of



*** WE WELCOME TO THE CLUB ***

OK, guys & gals, get out those rosters and write in the names of these new members:
(If I have missed anyone, Jeannie, PSE let me know)

Bob Tannehill, 17562 Chestnut St., Fountain Valley 92708 Tel: 962-3226 Call: KB6GPL

Herb Rosenberg, 29715-B Niguel Rd, Laguna Niguel 92677 Tel: 249-1361 Call: KG6OK

David Rosenberg, 255 McCoy, Orange Tel: 978-8819 Call: KB6GFT

Ernie Fuerte, 1959 S. Belle Ave., Corona 91720 Call: WA6GXV

*** ARRL CONVENTION ERROR ***

Our mailing envelope shows the Ladies Luncheon as "Sold Out". NOT SO. We have a larger dining room now that will accomodate 250. Use this form along with the mailing envelope to add more events in which you wish to participate. Tours include bus transportation to & from the convention site.

Name: _____	Call: _____			
	How Many			Total
Ladies Luncheon	Saturday 11:30 AM		Tickets @ 10:00	_____
San Diego ZOO	Sat 1:00 PM _____	Sun 1:00 PM _____	Tickets @ 14:00	_____
Tijuana Trip	Sat 1:00 PM _____	Sun 1:00 PM _____	Tickets @ 10:00	_____
Seaworld	Sat 1:00 PM _____	Sun 1:00 PM _____	Tickets @ 19:00	_____
Old Town Shopping	Sat 1:00 PM _____	Sun 1:00 PM _____	Tickets @ 6:00	_____
			TOTAL	\$ _____

PS: IXN has a mailing envelope if you need one. Call 543-9111.

*** THE RED LOBSTER & THE MAYPOLE MONSTER ***

Yes! It cud only happen on Field Day! Frank, VKZ, arrives early...After a visit with the MPs at the gate, IXN, IBR, IBP, NGO, HHC, &AF6C arrive in enterage to greet VKZ at the site, with EZS, JSV, Jane, IMP, and GJI in hot pursuit!

Soon tents pop up and NGO begins the 'generator ritual'...Kei sets up 3 'IV' bottles, er I mean 'gas cans' connected in tandem, and runs the main 'IV' to the generator tank. But not adjusting the 'drip' just right, the gas tank's 'cup runneth over'!! But soon, Dr. Kei had everything under control. In the meantime, Dotty & IBR, who had company last night (+ 5 harmonics!), AND Field Day preparations, are now relaxing in chairs in the 40m tent 'resting their eyes', while awaiting power from the generator. In the background can be heard KG6OK on 2m asking if there is anything we need at the site. HHC shouts, "Three dancing girls!"

But what's this?! The 'Red Lobster' has been at work...Bare-chested & bedecked in sun tan lotion, VKZ, wid help frm NGO, HHC, etc., has put together a 40 foot pole from which 5 phased 40 m dipoles droop from its top! This, along wid the attendant circuitry, was dubbed by Field Day Oldtimers "The Maypole Monster"! The lead-in snaked into the 40m tent, and IBR was overheard saying, "We'll have to ask Frank which antenna is which." And VKZ even provided a control box wid pretty red, yellow and green bulbs which blinked on & off intermittently, providing Al a great toy to play wid during the Contest!

Freckles, dog harmonic of VKZ, in search of gophers, gets under the fence. This leads us toward the generator and our ears pick up these choice words, "She slipped out, Bob, you gotta keep it rigid"! (as the OMs connected the supply cables)

AF6C & IXN, etc., mann the post-hole digger for the 20m mast. As the mast is dropped in the hole, IMP applys the 'beer-bottle level'; the precedure being photograhed by JSV.

Well, here we go again! 'Ruby lips above the water'...IBR worked W6ZUB, whose CW sigs were bubbled thru water, I swear! IBR sent them a 555 sig rpt. (MYSTERY: Was W6ZUB QTHed on a submarine for FD?)

Much tnx to Jane, Dottie & Jeannie for the excellent snacks, dinner and breakfast at FD. Also, tnx to the 20m crew for the 'shiskebobs' late Sat. night!

We always forget some OMs, etc., who help at FD. But to these 'silent partners', all who helped set up, tear down, CQing, and logging personnel, we do sincerely offer you our THANKS!! ULU came for a short visit and we have learned that Lloyd will not have repair surgery on his heart. Also, oldtimer Art, AD6B, and family stopped by for a welcomed visit. Hope to see you at meetings agn, Art!

A partial list of the 'Put-up' and 'take-down' crews follow: Put-up: VKZ, IBR, IXN, AF6C, HHC, IBP, Jane, NGO, GJI, IMP, JSV, EZS...

Take-down: VKZ, IBR, IBP, Jane, IMP, HHC, JSV, EZS, NGO, AF6C, RE...

We also thank MIL, Mac & XYL for their public relations efforts.

*** FROM THE DESK OF RE ***

Bulletin # 40: ARRL will file a petition for reconsideration of a petition for the labeling of home electronic equipment relative to its susceptibility to RFI.

Bulletin # 42: The 18.068 - 18.168 band approved by WARC is not yet open to amateurs. Domestic government fixed operations are now relocated out of these frequencies, thus opening the band for amateur use. Recommended power (top power output, that is) 1500 W PEP, with band allocation as follows:

18.068-18.168 for A1A (CW)
18.068-18.110 for F1B (teletype)
18.110-18.168 for voice

Listen to W1AW for future news.

Will OSCAR 10 be saved? We're trying! And if you hear OSCAR 10, please do not use the Transponder until further notice!! (Tnx, Alex)

*** ON THE NETS ***

The 6/1 CW net finds IBR telling IXN about preparations to sell the QTH. They have been house hunting at Sunnymeade. Selling the house quickly would mean boarding the dog & cat, finding an apartment, etc., while the new QTH is being finished. IBR QRTs to eyeball wid company...6/4 phone net...HHC calls for check-ins (wid a carrier in background). Wid HHC were AF6C & NGO (who didn't say a word abt agriculture all evening... .IXN must have had his termites under control!) CZI, Howard; AJV/WT6A (new Extra) Bob Maller; IXN and 'One Old Ham' checked in. Yes! 15m phone is 'live & well' once agn... so why not join in on the fun Wed. eves. at 8:00 pm.?! The net 'vultures' sunk their claws into Bob's new call wid a vengeance! "Wild, Terrible, 6, & Awful" was conferred upon Bob by OOH. But not to be left out, HHC & crew soon followed wid "WATT-TUSI 6 APPLES"! Too bad QNU became AF6C sometime back, for from the lips of WT6A came "Quantum Nuclear Unit"! OOH suggested that WT6A commemorate the occasion by putting up a new tower! This would distinguish him wid the City of Irvine! HI! The upcoming Board meeting of June 9, 'RF', and Field Day were additional topics of discussion...6/4 2m net...IBR is net control. MIL, Mac; and BPX, Wyatt were the only check-ins...6/8 CW net...IBR & IEH check in wid IXN checking in much later! Al & Karl are having a

nice chat, but IXN can't muster up enough power to break in! Getting out his trusty field strength meter, IXN discovers 'rf' over the antenna tuner but not beyond. That *(&#%¢) dummy load was in line!! Be sure you read abt 'dummy loads' in June 'RF'. Anyway, Karl & Al discovered that they both live in Westminster & each traded their cross-streets. Al mentioned that the QTH goes up for sale in 2 wks...Join us for a little 'CW' practice on Sun. eves. when you're bored with boob-tube programming! Too fast, you say! Well don't be afraid to QRS(no speed demons here anyway - IBR excepted!)...and you can always copy IND's way...on the computer screen!...6/11 phone net...W6ZE nets IXN, NGO, & RE wid AF6C as net control. Kei tells IXN abt malathion to control garden pests. AF6C asks IXN to call Jane abt providing ham for FD. RE tells the group abt a 'Local Interference Committee' for Orange County. RE also informs the group abt an upcoming ruling frm FCC concerning coordinating repeaters that interfere wid one another. The two coordinating repeater organizations involved will be required to solve the problem, &, if one repeater is un-coordinated, it will be cited and asked to leave the air. Alex also reported possible action on simultaneous emissions, using both sidebands, for 1240 megs and above. Join in on Wed. eves. at 8:00 pm and ragchew and learn along wid us!...6/11 2m net...features IBR as net control wid BPX & RE as check-ins. Alex played back the Westlink tape...All keys were silent on the 6/15 CW net...6/18 phone net...Anyone check in? AF6C & IXN were busy that evening... 6/22 CW net...IXN & IBR 'CW' abt IBR & IBP's upcoming change of QTH, ie: They were getting the QTH ready for the brokers, etc...6/25 phone net...AF6C, IXN, & NGO discuss FD, insect pests, organic gardening. Other subjects were the Angel's baseball game, Ford Pinto vacuum lines, generator prep. for FD, ants in Kei's Chinese elm tree. AF6C calls Jane abt a trailer for FD, and VKZ abt tall grass at FD site...6/29 CW net... SILENCIO!! (Too weak to push keys after FD!)

*** QUICKIES ***

Congrats to Ron Toering & XYL! On June 8, they added a new harmonic to their family; Matthew Thomas!

Add member Bob Tegel, KD6XO, to your club rosters! Bob's adr. is: 14561 Benchley Cir., Westminster, CA. 92683 tel: 531-0926 (unless he's moved lately!)

At last Board meeting, 'Indian Giver' VKZ was overheard asking NGO to give back the 6m beam! Hmmm! What will NGO take in return! ?

The Club will host the OCARO Picnic. VKZ will check on park sites. Target date: Sept. 28.

Sun. July 28 - NOC Computer Club Swap Meet - Rancho Santiago College - (old SAC) - 17th & Bristol, Santa Ana.

MYSTERY!...Where was Wyatt, BPX, and Blanche on FD? We missed you, Blanche & BPX!

Rough stats from AF6C on Field Day: raw score: 2354 pts wid no bonuses added, 958 QSOs. 6000 points in 1978, and 7180 pts in 1980 wid 1025 contacts..our best year!

Page 2 of 'RF' is dutifully run by AF6C on his computer monthly! This helps tremendously in completing each edition of 'RF' on time! Tnx much, Bob!

A COMPARITIVE SUMMARY OF FIELD DAY RESULTS
 FOR
 THE ORANGE COUNTY AMATEUR RADIO CLUB W6ZE
 BY: Ken - W6HHC & Bob - AF6C

YEAR	80		75		40		20		15		12		10		6M	2M	2M	220	NOVICE				TOTAL QSO's/(POINTS)
	CW	SSB	CW	SSB	CW	SSB	CW	SSB	CW	SSB	CW	SSB	PH	CW	PH	PH	80	40	15	10			
1968	10	224	62	396	93	328	24	430	-	0	68	0	0	145	0	0	0	0	0	0	0	1780/(3938)	
1969	0	98	0	50	0	375	0	301	-	0	0	0	0	169	0	0	0	0	0	0	0	993/(1986)	
1970	0	272	0	0	0	531	0	426	-	0	0	0	0	0	0	0	0	0	0	0	0	1229/(2458)	
1971	0	274	0	106	0	530	0	136	-	0	0	0	0	0	0	0	0	0	0	0	0	1046/(2092)	
1972	0	50	0	350	0	521	0	530	-	0	0	0	0	94	0	0	0	0	0	0	0	1545/(3090)	
1973	90	226	0	452	0	932	0	273	-	0	0	0	0	46	0	0	0	0	0	0	0	2029/(4218)	
1974	0	161	0	333	0	630	0	342	-	0	110	0	0	0	0	0	6	6	12	0	0	1600/(3248)	
1975	80	120	154	274	40	863	140	259	-	0	123	0	0	0	0	0	0	0	0	0	0	2053/(4934)	
1976	99	254	152	487	21	600	64	210	-	2	54	0	0	2	0	0	0	0	0	0	0	1945/(4566)	
1977	25	243	163	199	0	843	47	486	-	0	309	0	4	234	0	0	19	34	4	0	0	2610/(5812)	
1978	14	196	242	170	30	981	50	558	-	0	145	0	1	164	23	2	4	7	13	0	0	2600/(5986)	
1979	0	195	198	92	42	773	0	737	-	0	95	0	2	124	8	0	0	0	0	0	0	2266/(5018)	
1980	20	149	205	235	471	318	52	1025	-	0	226	12	0	100	36	0	0	0	0	0	0	2849/(7194)	
1981	0	167	200	265	60	699	77	717	-	0	105	0	0	197	0	0	0	0	0	0	0	2487/(5648)	
1982	0	105	49	238	40	352	0	515	-	0	72	0	0	155	27	0	10	19	0	0	0	1582/(3342)	
1983	3	93	200	0	0	776	0	995	-	0	43	18	0	16	1	0	0	0	0	0	0	2145/(4696)	
1984	0	0	310	0	32	196	0	350	-	0	0	0	0	0	0	18	3	32	0	0	0	941/(2672)	
1985	81	0	311	91	35	662	75	0	-	0	0	0	0	22	0	4	4	3	0	0	0	1288/(3602)	
1986	0	46	219	78	0	488	0	45	10	0	0	0	0	82*	0	0	0	0	0	0	0	968/(2374)	

* Includes FM and SSB contacts.

Note: These are raw scores taken directly from the log sheets. Adjustments have not been made for duplicate contacts, and bonus points have not been added yet. Final scores appear in QST in the fall.

FIELD DAY SITES THROUGH THE YEARS

Here's a list of the Field Day locations that the OCARC has used over the past 19 years. Prior to that time I have only some hearsay knowledge of where the Field Days were held. There was some talk about it being held on Santa Ana school property for a few years.

The Marine Helicopter base is a familiar location for the club. From 1973 through 1979 Field Day was held in the northeast corner of the base, where the MARS station used to be. Three 150' towers, used by the MARS station, were available to support our dipoles and beams, if a few brave souls could be found to climb them. The towers and field are gone now. Here's the list:

- OK 1986 MCAS(H) Tustin, Southwest Field. (By Calib. Lab)
- OK 1985 Centennial Park, Santa Ana.
- OK 1984 MCAS(H) Tustin, Southwest Field. (By Calib. Lab)
- OK 1983 MCAS(H) Tustin, South of Main Gate. (By Mushroom)
- OK 1982 Centennial Park, Santa Ana.
- OK 1981 MCAS El Toro.
- OK 1980 MCAS ~~El Toro~~
- OK 1979 MCAS(H) Santa Ana, MARS Station Area.
- 78, 77 .76 : : : : : :
 .77 : : : : : :
 .78 : : : : : :
 1973 MCAS(H) Santa Ana, MARS Station Area.
- 1972 NAS Los Alamitos.
- 1971 Lemon Heights, off Camden Drive.
- 1970 " " " " " "
- 1969 Pacific View Memorial Park, Corona Del Mar.
- OK may -> 1968 " " " " " " " "
- 1967 *Mountain View H.S. property in Santa Ana, 2801 North St.*
- 1968 *1000 ft peak east of El Modena, (site of restaurant) ? dubbed*
- 1965 " " " " " " " " ? *San Antonio Hill*

Scanner's note:
This page includes hand written corrections by our club historian.

1964 } ?
1963 }
1962 }

1961 a hilltop near Lemon Heights

What is Traffic?

When you hear someone talking about "traffic" and "traffic nets" and the like, do you know what they're talking about? A lot of hams don't. When we say "traffic," we're using verbal shorthand for "Third Party Traffic," that is, messages on behalf of a third-party other than the two hams currently communicating. Third-party traffic covers a lot of ground, starting with the casual "say hi to the better(?) half" up to and including the emergency/priority messages coming out of a disaster area.

Most of the amateur radio traffic networks -- the nets -- that handle, or pass on, traffic, follow the ARRL Standard Format for messages. The idea of the ARRL format is to keep a consistency in how messages are handled, the idea being that if you are used to handling the messages in a standard, consistent, way, when the time comes to pass on lots of traffic fast, both you and the other operator(s) involved can do so quickly and efficiently.

The other "standard" format you'll see messages in is the one developed by the Military Affiliate Radio System (MARS), the military's amateur radio-related auxiliary service. The differences in format are such that messages require translation when passed from MARS to amateur net and vice-versa; ironically, the ARRL's format was developed from the Army ARS format (AARS was the predecessor of MARS) to avoid this problem -- and then a few years back, MARS changed their's! You may hear good-natured arguments as to which is "better," but they really only differ in style, not substance.

What is NTS?

The ARRL (specifically W1NJM) set up the National Traffic System (NTS) in 1949 to efficiently route messages across the country. NTS is designed as a series of interlocking nets to pass messages "up" & "down" a tree-structure to get traffic from point "A" to point "B."

NTS is designed so that a traffichandler need not be on a net or nets every day of the week! The nets are structured so that if you only have a few hours a week, you can fit in time for them. Flexibility is the key word.

While NTS is sponsored by the ARRL, you do not have to be or become an ARRL member to be active. Nets are open to all amateurs. And some nets are independants, not affiliated with NTS. There's plenty of room -- and traffic -- for all.

One problem we have in Western PA is that we have a few "iron men" (and women) who feel that they MUST be on the net(s) every day. This is not a criticism! The problem is that other hams see this and think that THEY too must become "iron (wo)men" to be active in NTS. Not so! If you CAN (and WANT) to be on daily, we'll welcome you with open arms; if it's only once a week, those arms are just as open!

NTS, by the way, runs 4 "levels" of nets: Local area, Section-wide, Region (call district) and Area (Time Zone). They are interlocked to feed from one into another.

What is Traffic (cont'd):

All nets are open to all who wish to participate. For information on the nets, contact the Net Manager of your STM. Before checking into a net for the first time, it's a good idea to listen to it for a day or two -- especially the CW net--to see how their procedures work.

(This article was edited from the Nittany Amateur Radio Club paper, the NEWSLETTE. Tnx, OPs!)
de Ron Notarius, WN3VAW



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P. O. BOX 3454

TUSTIN, CA. 92681



FIRST CLASS!