



CROSSTALK

NEWSLETTER OF THE
SPACE PARK EMPLOYEES
ASSOCIATION ARC

Volume 36 Number 3

March 2004

From the editor:

As reported last month, work has started again on the Tower 2 project on building S. If you want to help there is more info on page 3.

Remember when you come to the club meetings to wear your club call-sign badge. If you are wearing your badge you will get two tickets for the raffle instead of one ticket. So you will have twice the chances of winning! If you do not have a club badge, request one on the membership form when you renew your membership.

The speaker at this month's club meeting will be our own **Bob Chacone KD6PKU** speaking about his cross country trip in his homebuilt Long EZ airplane. He flew from L.A. to Kitty Hawk North Carolina, up to Oshkosh Wisconsin, Colorado, and back to L.A. He will be sharing this 16 day cross country adventure in pictures and day by day accounting.

And keep sending articles and information for the Crosstalk to:

- jim.harrison@ngc.com
- *Crosstalk Editor, Jim Harrison K6OUE*

Don't forget!

- **Club Meeting: Tuesday Mar. 9, 5:30 PM Round Table Pizza**
- **Swap meet: Saturday Mar. 27, 7:30 AM to 11:30 AM**
- **Renew your membership!**

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SEA ARC Monthly Calendar of Events

Second Tuesday of each month	5:30pm	Club Meeting Round Table Pizza, southeast corner Redondo Bch. Blvd. and Hawthorne Blvd.
Second Tuesday of each month	12:00 noon	Emergency Communications Team Meeting R3 Emergency Operations Center
Third Monday of each month	5:30 pm	Executive Board Meeting, R3/1036 (All Club Members are invited)
Last Saturday of each month (Rain or Shine & Holidays)	7:00 am	SEA ARC W6TRW Swap Meet Marine and Aviation (Southeast Corner)
During the Swapmeet	10:00 am	VE Exam Sessions in Cafeteria

Weekly Events

Every Monday Night (Except the 1st & Holidays)	7:30 pm	Disaster Communication Systems (DCS) Net DCS Members: Check in on 2m Rptr
Every Wednesday	12:00 noon	ECT Net on 2 meter Repeater All Amateurs Welcome
Every Wednesday	12:00 noon	NG Family Net 14.270 MHz
Every Thursday	6:30 pm	W6TRW Net on 2m Repeater All Amateurs Welcome
Every Thursday	7:00 pm	Space Hams Net on 2 meter Repeater with N6SHI and W6EKK
Every Mon, Wed, Fri	2:00 pm	W6TRW Retirees Net 7185 KHz
Every Friday Morning	7:30 am	SEA Amateur Radio Club Breakfast Building S Cafeteria - Everyone is invited Talk-in on 2 Meters

New Club Officers

The results of the election are in, and the winners are:

President:	Wendell Young	KE6ASC
Vice President:	Mike Hamada	KF6UCN
Secretary:	Jim Winterroth	KF6IMA
Treasurer:	Greg Shreve	KE6YEX

Congratulations to our new club officers for 2004! Let's all thank them for volunteering their own time to keep our club running smoothly.

Tower 2 Project

Jim K6OUE

As mentioned last month, the project to install antennas on the second tower on Building S has started up again. Great progress is being made. This last month has seen the following accomplishments:

- Completed running the cables from Tower 2, along the messenger line, to the windscreen, and to the junction box on the roof.
- Pulled the cables down into the shack. This required cutting a hole in the drywall up above the shack ceiling. The cables have been laid in the cable tray to their respective stations in the shack.
- Re-attached one of the guys on Tower 2. This guy had been temporarily attached to the windscreen on the roof because it was too long. The guy grip was removed, a new one attached to make the guy the proper length, and then the guy was properly anchored and safetied. Tower 2 can now be climbed safely.
- The 2m and 6m antennas that have been lying on the roof for 3 years have been visually inspected and are in very good condition.

The tasks to be performed this month:

- Temporarily get the 2m and 6m antennas in the air so that the VSWR and resonance point can be measured to make sure that the antennas are ready electrically to go on the tower.
- Install the boom supports on the 2m and 6m antennas.
- Run the cables from the junction box at the base of Tower 2 up to the top of the tower.

Then we will be ready to install the rotator, mast, and antennas on the tower!

The people who have been helping on this project include:

Milton Noguchi KM6QV
Pete Livingston W3CRI
Jim Harrison K6OUE
Dave Nelson AB6DU
Willard Washburn KE6PNP
Gary Ponte W6GY
and others

IF YOU WANT TO GET INVOLVED, contact **Milt KM6QV**, x26420, Milton.noguchi@ngc.com. We can use all the help we can get! Some work is done during lunch hours. Bigger jobs like installing the antennas on the tower will have to be done on the weekends.

The result of completing this project is that we will be an incredible force in the VHF contests on 2m and 6m. We have a 1KW 2m amplifier that we have never used. And a brand new Yaesu FT1000 MkV with the 6m transverter that we have never used. When we get the 40m beam up we will be a potent force on 40m as well. Let's help make **W6TRW** one of the best amateur stations in Southern California.

Upcoming Contests

ARRL International DX Contest Phone 0000Z March 6 to 2400Z March 7

North American RTTY Sprint 0000Z to 0400Z March 14
Sponsored by NCJ Magazine

Russian DX Contest 1200Z March 20 to 1200Z March 21

CQ WW SSB WPX 0000Z March 27 to 2400Z March 28
Sponsored by CQ Magazine

Crosstalk History

Dave Nelson AB6DU

(Dave headed up a club project that scanned all of the past issues of Crosstalk and recorded them on CDs. This is a monthly column that will review some of the interesting items in the Crosstalks of 35 years ago and 25 years ago. 1968 was the first year of newsletter publication, and 1979 was 25 years ago. These old newsletter issues will be on the web page for you to view. – Ed.)

From the ARC Bulletin, March 1968

THE PREZ SEZ has become the introductory paragraph for the Bulletin, but in this third issue, it was written by VP Arnie Conn, WB6VTQ...Subjects mentioned included a new code class startup and that Field Day efforts would soon begin, if sufficient support could be provided by the membership...SECRETARY'S REPORT mentioned that George Peck was appointed OSCAR coordinator, that membership was short of the mark for ARRL affiliation, and an antenna party will soon be needed to install antennas on Building 65. The meeting included discussions with the guest speaker, Don Etheredge, ARRL Section Manager, about legality

of phone patches...TREASURER'S REPORT mentioned that door prize tickets were sold for a total of \$5.45 with an expense for prizes of \$5.94. The balance remaining was a robust \$214.31...PROGRAM NOTES advertised the next meeting speaker, treasurer Ed Thornley, (a recent SK, I'm sad to report) who is to speak on the club's honorary member Benny, a member of a Philippine leper colony. A plea for suggestions for the column, items of interest to club members, was included. Field Day participation was also solicited and a questionnaire related to the contest was included...SAGA OF THE SHACK, by Ed Thornley (WA6JHD), reported that the building 65 antenna farm was still in design stage, but a tower raising party was expected one weekend soon. Meanwhile, some contacts were logged on 2 and 6 meters using the Swan 500 and the newly acquired LaFayette 6 meter rigs...BLIPS reported a suggestion for using 3" or 4" door bumpers as replacements for equipment foot pads, to provide slanting of the control panel for easier viewing and operation...The TRADING POST advertised a 6 meter transceiver, antennas and an 80 foot tower with 3000# (could that be ft-lb?) prop pitch motor for \$300. A 20 meter yagi was included...First Day Certificates were mentioned. These were not completely explained, but it was reported they were mailed to stations working WB6WPO on First Day, 23 September, 1967. (This could be the first official day the club station went on the air, so put that in your trivia book for future reference. Perhaps a 40th anniversary event could be planned, if we started soon enough.)

From the March 1979 Crosstalk

This issue provided a follow-up report on the life member of February 1968. Benjamin Canaros, of Santa Maria, Phillipine Islands, was subject of a full page write up by Ed Thornley, W6RXD. The club had provided support and encouragement to him, a leper self taught by correspondence courses in electronics, who had managed to leave the leper colony with his family, and was struggling to maintain an electronics repair business. The club was coordinating contributions for Benny's business startup, and by this time, ECHO and the American Leprosy Mission, Inc. were involved. You may want to read details in the February 1979 issue, available on the club website under "This Month's Newsletter." ...Swapmeet attendance was reported as improving, with buyers from Santa Barbara and Mexico in attendance. The club booth reported sellout of coffee and donuts and would increase supply next month...Training class graduates were reported, including Lance Gay, (currently W6ET), who had already passed his Technician test, awaiting his call...The club's participation in the March of Dimes walk was reported... Mac McGrew was claiming 2 meter SSB club record with 8 states confirmed. (Anyone challenge that today?)...A very interesting approach to grounding was presented by Bill Nelson, WA6FQG, of SCE. Readers will find this still very timely for small lots and no doubt find the process for reporting line noise to SCE of interest...PREZ SEZ made mention of the annual St. Patrick's Day eyeball QSO fete at Shakey's Pizza, with no further description of the activities...(We can only guess the color of the power tubes involved.)...EXECUTIVE MEETING MINUTES listed many events of the past month...Included were progress on building the T-Hunt transmitter, Bob Hume, (then WB6AQF) will be FD Chairman, purchase of Sear's CB equipment sale for door prizes, and an RFI problem with Art Services in Building 65... TREASURER'S REPORT posted income and expenses, with a balance of over \$340 remaining...This included donations of \$57 for Benny.

Northrop Grumman Net Report

Chip W4PBG

Northrop Grumman Family Net Report
3March2004

The net opened at 2000Z by W3GR (Chip W4PBG)
on 14270KHz.

The internal noise at W3GR was considerably better
than in previous weeks (S2 to S3) Propagation conditions

were generally OK. Half an hour before the net a QSO between W3GR and a W9 started out at S9++ 1KW PEP each then S9+ with both going to 100W and 10 minutes later S7 with both back up to 1KW.

Checkins:

WA6AQQ Jim S9 to W3GR/W3BAB
W6TRW S9 with AMP to W3GR/W3BAB
NG6ST Rich S5/6 to W3GR/W3BAB (Spotty to S3/4 at times)
W3BAB Gene S9 to all West Coast

Congratulations to WA6AQQ's Jim on his 30th company anniversary.

Casual:

K6BUJ S5/4 in and out. Never clearly signed in. Immediately before the net.
N1UDH/W3GR checking antenna S8 good quick
W7UTI/W3GR Dan Ariz S9 quick good

Northrop Grumman Family Net

Report for 11 February 2004

The net was held at 2000Z on 14.270MHz.
Bob W3FQP was the W3GR net control East
and Rod KE6PI was NCS West.

Signals between key east and west coast stations were 59 despite heavy QRM.
W3GR reported a lower than usual QRN at the museum.

W3GR was 59 everywhere
W6TRW was 59 everywhere
W4PBG was 56 to W6 Land and non-meter moving to KB0BC.
WA6AQQ Mike with Jim 59 everywhere.
(W4PBG received west coast stations 57plus)

We were joined by KB0BC Bob who just relocated to CO from Woodland Hills, having retired from NG Navigation Systems. His vertical gave him excellent signals on the West Coast and 55/7 on the east coast.

The net worked quite well with easy communications.

Northrop Grumman Family Net

Report for 4 February 2004

Conditions fair.

W3GR called the net at 2000Z on 14.270MHz with Les WR3X east NCS. His noise level with the beam aimed west was S7 or more at the beginning.

W3BAB Gene reported to be S9 from W3GR when Linear warmed up and S8 until then.

W4PBG Chip reported S9 with both W3GR and W3BAB.

W6TRW Rod, reported S9 on both W3GR and W3BAB, S7/8 with W4PBG. Toward the end of the net Rod reported deterioration of conditions.

NG6ST San Diego Rick reported good signals from east coast stations and S6 with W6TRW. East Coast stations reported NG6ST at S7/8. (W3GR reported at noise level.) Rick reported that the tower and tribander are both ready to be mounted and with any luck at all will be up within a month.

WA6AQQ Mike was S9 on the east coast and reported good signals from W3GR and W3BAB and readable signals from W6TRW, W4PBG and NG6ST.

The noise level peaked up at W3GR and Les turned the East NCS over to Gene at W3BAB for the remainder of the net. W3GR then switched to the GAP vertical and largely listened. When W3GR transmitted on the GAP he had dropped to S6/7 on the West Coast.

Non-Net checkins:

W7PXS Ron from Broken Bow OK was S6/7 on both coasts.

NT0T/M 40W Jack Iowa City IA was S5/7 on East Coast and S5 a W6TRW but indiscernible at NG6ST and WA6AQQ.

The net was closed by W3BAB at 2027

Last Minute Satellite Turns 20

A spacecraft built in six months by amateur radio operators is celebrating its 20th birthday in orbit this week.

The AMSAT-UK group proudly announced "UoSAT-Oscar-11, (also known as UOSAT-2 and UO-11) was launched on 1 Mar 1984, and has been performing well in orbit for 20 years," even though the satellite had a planned lifetime of about a year in space. Amateur radio operator Roger Smith quipped, "I wish I had a car which outlasted its warranty by that much."

Ham Volunteer Events

<u>Date</u>	<u>Event</u>	<u>Contact</u>
3/12	Little League Parade	Terry Priesont
3/27	Robinson Family Run/Walk	John Keller

Field Day Chairman Needed

We need someone to take charge of this year's Field Day organization. Rod Scott is unable to be the Field Day Chairman this year, but he will be glad to pass on his knowledge. Everyone enjoys Field Day and there will be plenty of people to help, we just need someone to be the focal point. If you would like to volunteer please contact the president of the club.

SEA AMATEUR RADIO CLUB

ELECTED OFFICERS

President	Wendell Young	KE6ASC	R3 / 1086	(310) 813-7691
Vice President	Mike Hamada	KF6UCN	M5 / 0560	(310) 814-2628
Secretary	Jim Winterroth	KF6IMA	R4 / 1185	(310) 812-2844
Treasurer	Greg Shreve	KE6YEX	R2 / 1120	(310) 812-9347

APPOINTED STAFF

2m Repeater	John Cheatham	KE6OJM	R9 / 2896	(310) 813-5903
447 Repeater/Autopatch	Duane Park	WA6EIK	O1 / 1080	(310) 813-4219
Activities Chairperson	Mike Hamada	KF6UCN	M5 / 0560	(310) 814-2628
Crosstalk Editor	Jim Harrison	K6OUE	R6 / 2541	(310) 814-1937
Emer. Comm. Coordinator	Wendell Young	KE6ASC	R3 / 1086	(310) 813-7691
Librarian	Jim Harrison	K6OUE	R6 / 2541	(310) 814-1937
Membership Chairperson	Jason Fujino	KD6ELS	R5 / 2130	(310) 812-5461
Past President	Bob Briggs	KD6WYQ	O1 / 1250	(310) 813-2622
Publicity Chairperson	Jim Harrison	K6OUE	R6 / 2541	(310) 814-1937
QSL Manager	Rod Scott	KE6PI	R7 / 2041	(310) 813-1493
Shack Master	Pete Livingston	W3CRI	R1 / 1096	(310) 813-9550
S.P. Packet/Internet Sysop	Chris Wachs	WA2KDL	201A / 5386	(310) 813-1506
SEA Representative	Chris Wachs	WA2KDL	201A / 5386	(310) 813-1506
Swap Meet Manager	Greg Martens	N6RRY	M1 / 1275	(310) 813-4049
Technical Chairperson	John Cheatham	KE6OJM	R9 / 2896	(310) 813-5903
Training Chairperson	Bryan DeAro	KN6OW	120 / 1020B	(310) 812-4789
Trustee of W6TRW License	Duane Park	WA6EIK	O1 / 1080	(310) 813-4219
Webmaster w6trw.com	Duane Park	WA6EIK	O1 / 1080	(310) 813-4219

SEA ARC Hotline (Club Answering Machine) (310) 813-8569
W6TRW 2 Meter Repeater (Open Repeater) 145.32 (-600) PL 114.8Hz
W6TRW UHF Repeater (Open Repeater / Closed Autopatch) 447.00 (-5 MHz) PL 100 Hz
W6TRW-3 Packet Radio Internet Gateway and BBS (1200 Baud Port) 146.745 (-600)

W6TRW Internet Home Page

<http://www.w6trw.com/>

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FIRST CLASS

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