



Your Host WA2AXO June 30, 2020

Those who show on the repeater today where WA2AXO, nothing heard today.
All have areat Fourth!

I will be on the air Tuesday's on 146.685 MHZ (PL 127.3 and 136.5) at 12PM EST. This is the Great South Bay Radio Club Repeater.



News From LIL

Happy Birthday Wishes to...

Marie Gonzalez (7/1), Pat Bearden (7/2) Cecelia Freibaum (7/3), Kelly Ann Robertson (7/7)
Gus Munich (7/8) Jeri Alstadter (7/11) Mike McGrath (7/12) Pat Patraglia (7/18)
Eleanora Wolf (7/19) Morris Kornberg & Angela DeNovio (7/20) Amy Juers (7/23)
Joan Zwack (7/27) Joan Convery (7/29)
Enjoy your Special Day with God's Blessing!!

Congratulations to our Wedding Anniversary Couples...

Cecelia & Mel Freibaum (7/1/1962) Joan & Norman Mattisinko (7/2/1960)
Rita & Al Faragasso (7/4/1959) Angela & Carmen DeNovio (7/6/1958)
Cheryl & Bill Otto (7/12/1975) Doris & Dom Simon (7/14/1956)
Maria & Dom Gallo (7/17/1976)

God Bless you with many more years of Wedded Bliss!

In peace, good health and happiness on your special day

I have been having trouble with my computer and just found out about the deaths of Ruth DiMartino and Art Levin
Heartfelt condolences to both families.

Remembrance Days...

Independence Day (7/4) HAPPY 4TH OF JULY
Bastille Day (7/14)
Americans with Disabilities Act (7/26)
End of Korean War (7/27/1958)

May 22 – June 21 Gemini Horoscope

Gemini horoscope 2020 predicts that this year is a fresh beginning for you. If things are seeming dull for you, then try something new. If things are too fast-paced for you, then quit a few things and try to make your life more routine. Do the things that you love, and don't compromise for anyone else. 2020 is your year, so do whatever you need to do to make it great!

June 22 – July 22 Cancer Horoscope

Cancer horoscope 2020 predicts that this year you will learn a lot about yourself by watching what other people do. You may observe children who remind you of what you were like when you were young. You might see lovers who inspire you to find that kind of love in your own life. Or you might notice a busy coworker who you aspire to be like.

Love, Lil

2 AIL Amateur Radio Operators Talk to Astronaut In Space Shuttle Columbia

About 300 ground stations world-wide
confirm two-way communication

WHEN THE SPACE SHUTTLE COLUMBIA (STS-9) was launched from Kennedy Space Center, Florida, in November 1983, this particular mission had one unique difference: after years of preparation and planning, NASA authorized the use of Amateur Radio on an off-duty basis during the flight. Dr. Owen Garriott, one of the mission specialists, carried aboard a 2-meter transceiver destined to communicate with hundreds of Amateur Radio operators around the world.

Dick Knadle (EW) and Jay Buscemi (QA) were among the three lucky Long Island operators to confirm two-way contact with Dr. Garriott during his seven days of off-duty Amateur Radio operation. The other is engineer Andrew Feldman of Brookhaven Laboratory. A total of approximately 300 ground stations world-wide were successful in confirming two-way communication (among these

were King Hussein of Jordan, Roy Neal of NBC News, and Senator Barry Goldwater). Some 100,000 stations reported hearing the signals from *Columbia* at various times during the mission.

Dr. Garriott's equipment consisted of a 5-watt, 145-MHZ FM transceiver and a portable loop antenna taped to the rear window of the Shuttle. The signals received on the ground were extremely strong as the 150-miles-high altitude of the spacecraft provided an unobstructed line-of-sight path to stations for one thousand miles in all directions. In contrast, both Dick and Jay needed transmitter power in excess of 4000 watts ERP to overcome the heavy interference caused by thousands of ground stations attempting to communicate with STS-9, since it was in radio-view of a 2,000 mile diameter of humanity all at once.

The most difficult part of attempting to communicate with a

Only 3 Long Island Operators Contact Dr. Garriott

17,000 MPH spacecraft is to determine its exact location at any given time so the ground station antennas may be accurately aimed. To accomplish this, Dick Knadle used a microcomputer to predict the Shuttle's location with high accuracy. This information was made available to other AIL staff members who were attempting to communicate with STS-9. Dick Peacock (QA) supplemented this data with a graphical analysis and maintained a current ground-track during the entire mission.

Bill Leibenhaut (QA) and the AIL Amateur Radio Club also participated in the Amateur Radio experiment and reported excellent reception of the signals from STS-9. All stations confirming contact or reception of the STS-9 signals received a special certificate (QSL card) from Dr. Garriott.



Jay Buscemi (l) and Dick Knadle display plaques they received from Dr. Owen Garriott after making radio contact with him aboard the Space Shuttle.

News from Paul WA2AXO

The AIL'ers that came onto ZOOM on the 6/24/2020 were, Paul Clifford, Pat O'Keefe, Robert Oliva, Bill Russell, Jay Parness, Bill Caputi and Charles Schumacher, Gerald Halpern, Tom Skapinski. We all had a nice chat about the good old days.

XX

Come connect to the AIL Zoom meeting for AIL Retirees **July 1. 7PM EDT. We would like to see and hear you.**

paul clifford's Zoom Meeting for AIL'ers

Wednesday, July 1·7:00 – 8:00pm

<https://us02web.zoom.us/j/4472081272?pwd=ZTIZbGxyOHpDWkFMS2dGYmNxQlpiUT09>



Description:paul clifford is inviting you to a scheduled Zoom meeting. Join Zoom Meeting

<https://us02web.zoom.us/j/4472081272?pwd=ZTIZbGxyOHpDWkFMS2dGYmNxQlpiUT09>

Meeting ID: 447 208 1272

Password: 498567

One tap mobile +19292056099,,4472081272#,,,0#,,498567# US (New York)

+13017158592,,4472081272#,,,0#,,498567# US (Germantown) Dial by your location +1 929 205

6099 US (New York) +1 301 715 8592 US (Germantown) +1 312 626 6799 US (Chicago) +1 669

900 6833 US (San Jose) +1 253 215 8782 US (Tacoma) +1 346 248 7799 US (Houston) Meeting

ID: 447 208 1272

Password: 498567

Find your local number: <https://us02web.zoom.us/u/kR5sB75ZZ>

I have updated the membership list. If you find any errors or if you are left out please send me your information and I will put it on the membership page. The member list can be found on my webpage.

[Please keep the news coming.....](#)

The first Wednesday of the month Lunch will be held at: (*On hold until further notice*)

Hibachi Grill and Supreme Buffet

1114-1116 Deer Park Ave

North Babylon, NY

(631-274-0888)

On the webpage now we have Eaton AIL Record August 1989

New June 2,2020

On The Web Page

AIL Records.

January	1988
March	1988
May	1998
September	1988
November	1988
December	1988
March	1989
May	1989
July	1989
September	1989
April	1990
July	1987
September	1990
November	1990
April	1991

AIL Records.

February	1988
April	1998
June	1988
July	1988
October	1988
January	1989
April	1989
June	1989
August	1989
October	1989
July	1990
August	1990
October	1990
December	1990

Please be reminded that you can find the AIL Retiree News Letter on my web page on Tuesday.

Click below for the web page

<http://pauls-page.com/index.htm>

If you cannot click and bring site up then type it into your browser.

Please remember that your news could be in this newsletter. Let friends know how you are doing. I am sure they would like to know!

KEEP THE NEWS COMING PLEASE!

Retiree breakfast gatherings are held every Thursday's at 8:30 AM, Olympic Diner on Deer Park Ave in Deer Park (*On hold until further notice*)

Note: I am putting anything that tells a story about the history of AIL on my web page. Please if you have any relative information, please send it to me. Thank you.

Send photos either by e-mail, attachment (jpg or gif or pdf) or via regular mail. (I have a scanner)
My address is:

18 Burton Lane
Massapequa, NY 11758-5314

The opinion expressed by a member is not necessarily the opinion of your host. That is all the

news I have from here, so best wishes to all, Paul.

My E-mail paulcl@bellatlantic.net

Web Page <http://pauls-page.com/index.htm>