



Your Host WA2AXO March 12, 2019

Those who showed on the repeater were, WA2AXO, K2RIW(Dick) Nice talk today, sorry you missed it. See you next week.

I will be on the air Tuesday's on 146.685 MHz (PL 110.9) at 12PM EST. This is the Great South Bay Radio Club Repeater.



Your News could be here. What's happen in your neck of the woods?

History From the History of US Electronic Warfare.

By February 1944, the Allies had captured an intact guidance receiver from a Henschel 293 glider bomb. Its method of operation was clear. With the threat signals thus defined, the Navy was able to be more specific about the type of jammer it required to counter the enemy guided missiles. At this time, the RRL workshops were in production with a batch of fifty ARQ-8 communications jammers for the Army. This 30 watt jammer had an integrated receiver, and could spot-jam channels in the band 25–100 MHz. Following briefings from the Navy, the Army agreed to give up twenty of the jammers for conversion to the anti-missile role. RRL hastily completed the work, and rushed the jammers to the Navy Yards in Boston and New York where they were installed into warships.

Following its acquisition by Division 15, the **Airborne Instrument Laboratory** concentrated on developing methods of countering current and possible future enemy guided missile systems. At the time, this seemed to be a major area of weakness in the Allied countermeasures program. The Germans had already brought into action two types of radio guided missiles, and there was ample evidence that they were working on other weapons of this type. There was no information on whether the Japanese were working along similar lines, but it was prudent to assume that they were.

AIL soon had a chance to prove its worth. In mid-April, the Naval Research Laboratory placed a top-priority order for a high power jammer to counter the Kehl-Strassburg guidance system of the German missiles in service. By concentrating almost all its resources on the project, the laboratory was able to deliver the prototype of the new jammer to NRL in just over two weeks. It is believed this is an all-time record for the design and production of a major countermeasures system. Designated the MAS, the device was a 250 watt jammer with a built-in receiver, able to cover spot frequencies in the 41–51 MHz band. By now, it was known that the Kehl-Strassburg system operated in one of 18 crystal controlled channels in the 48–50 MHz band, with tone modulations on 1, 1.5, 8 and 12 kHz to convey the appropriate up, down, left or right command to the missile. To increase its effectiveness, the jamming from the MAS was square-wave-modulated at one of the tones used by the German transmitter. During tests the prototype MAS performed successfully, and **AIL** received an order for a further forty-nine.

News from Paul

Please keep the news coming.....

The first Wednesday of the month Lunch will be held at:

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 **January 1985**
New March 12, 2019

On The Web Page

AIL Records.

April	1982
June	1982
July	1982
August	1982
September	1982
November	1982
December	1982
February	1983
June	1983
July	1983
August	1983
January	1984
April	1984
June	1984
July	1984
September	1984
January	1985

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!

Our lunch meetings are held the first Wednesday of each month. Held at
Hibachi Grill and Supreme Buffet
1114-1116 Deer Park Ave
North Babylon, NY

Retiree breakfast gatherings are held every Thursday at 8:30 AM, Olympic Diner on Deer Park Ave in Deer Park

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>