



ARCI NEWS

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Affiliated AWA
Antique Wireless Association 

Volume 34, Issue 1
February 2015

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HAPPY VALENTINE'S DAY!!
DON'T FORGET TO RENEW YOUR ARCI MEMBERSHIP

(Cover Images: mediabistro network, <http://adsoftheworld.com/>)

UPCOMING INDOOR MEET FEBRUARY 8, 2015

AMERICAN LEGION HALL
570 South Gary Avenue, Carol Stream, IL

FEBRUARY 8, 2015
7AM – 11AM

Peoples' Choice Contest: Awards For 1st, 2nd, 3rd Place
Business Meeting 9:30 am

Boy Scout Pancake Breakfast / Free Coffee, Juice & Cookies
50/50 Cash Drawing Raffle



2015 ARCI MEET SCHEDULE

| | | |
|----------------------------|--|---|
| February 8, 2015 | 7AM-9:30AM Indoor Swap Meet People's Choice Contest, Officers' Meeting 9AM | American Legion Hall Carol Stream, IL (See Map) |
| April 19, 2015 | 7AM-11AM Outdoor Swap Meet Inside Business Meeting 9:30AM | American Legion Hall Carol Stream, IL (See Map) |
| June 21, 2015 | Outdoor - Gates Open 7AM Combined Meet With 6-Meter Club of Chicago | DuPage County Fairgrounds Wheaton, IL (See Advance Ticket Form & Map) |
| July 31- August 2, 2015 | RADIOFEST | Quality Inn Burr Ridge, IL (See Map) |
| October 4, 2015 | 7AM-11AM Outdoor Swap Meet Business Mtg./Officer Election 10AM | American Legion Hall Carol Stream, IL (See Map) |
| December 6, 2015 | 7AM-11AM Indoor Swap Meet Business Meeting 10AM | American Legion Hall Carol Stream, IL (See Map) |

PRESIDENT'S MESSAGE

Happy New Year to all our valued ARCI members and friends! 2015 looks to be another great year for our club, with continued strong member support, and our plans for upcoming events moving right along. Your club officers and volunteers have been plenty busy, as you will see when you read through this newsletter.

Speaking of events, our first annual Janet LaVelle Holiday Party, held on December 7th, can only be described as an unqualified success. The mood couldn't have been more upbeat, and the choice of goodies for sale was as large as I have ever seen at any of our indoor meets. 26 seller tables were packed with radios, hi-fi, parts, and equipment, with many bargains to be found. Combine that with the generous contribution of cookies and other baked goods brought in by various members, and a truly festive time was had by all. Even yours truly won a t-shirt at the 50-50 raffle. I take that as a "good omen", given that I never win anything!

During the meet, the club presented a beautiful plaque to Jack LaVelle in honor of his wife Janet, which read:

*IN LOVING MEMORY
SHE GAVE US HER HEART AND HER SPIRIT
JANET LAVELL
"Our Cookie Lady"*

I think those words summed it up just beautifully, and ARCI will always be grateful for Janet's efforts on our behalf.

The large quantity of items in the donation auction kept auctioneer extraordinaire Tom Kleinschmidt going well past 10:30 in the morning, while adding more than \$260 to the club's coffers. Thanks to Tom for the great efforts, and congrats to all who picked up all those neat new "projects".

Our December business meeting, my first as club president, could best be described as "a baptism by fire", but it looks like I passed the audition...at least no one has fired me yet!

I have quickly learned that "Job One" of an ARCI president is making sure the club stays financially strong, and maintains a "bottom line" that can fund all the activities we so much enjoy doing together. With the generous assistance of our club treasurer Rudy Hecker, I have been evaluating our finances to see where we stand, and in what direction we are moving.

First, I want to be absolutely clear that ARCI is solvent and can meet all of its financial obligations. With that said, however, our bottom line has also been gradually decreasing year over year, due in large part to the ever increasing cost of goods and services and the fact that we have not raised our membership dues in over five years.

The proceeds from dues, which make up the vast majority of our operating funds, have remained largely flat to slightly down (due to some membership attrition) for several years. So, to counteract this trend, we will need to enact a modest increase in our club dues, along with a small fee increase for selling spaces at our regional meets. Details of these changes can be found elsewhere in this edition of the *ARCI NEWS*.

As always, we truly value the financial support of all our ARCI members; without which, our fine club could not continue. Rest assured that the club officers will always do our very best to use your dues and donations wisely, and for the greatest benefit of our club membership.

Don't forget about our upcoming meet on Feb. 8, 2015 at the American Legion Hall in Carol Stream. We will all be indoors, staying nice and warm and enjoying each other's company. And, as always, you just never know what you might find!

Remember, ARCI is your club! So please let me know if you have any ideas or suggestions for activities or events that you would like us to consider for 2015. You can email ARCI's website address clubinfo@antique-radios.org or you can email me directly at arcipresident@comcast.net.

See You At The Next Meet
JOHN STONE
ARCI PRESIDENT





ARCI

MEMBERSHIP RENEWALS



PLEASE CIRCLE YOUR MEMBERSHIP:

| <u>Membership Option</u> | <u>Dues</u> | <u>Benefits</u> |
|---------------------------|-------------|--|
| Annual Membership | \$ 25 | Full benefits: <i>ARCI News</i> subscription, Fee Discounts At Events, Seller Privileges at ARCI Events. |
| Spousal Annual Membership | \$ 10 | Discounts at Events. |
| Student Annual Membership | \$ 5 | Must Be 18 or Under, Full Benefits. |
| Lifetime Membership | \$ 340 | Full Membership Benefits For Life (non-transferable). |

MAKE YOUR CHECK PAYABLE TO ARCI AND SEND TO:

Antique Radio Club of Illinois
P.O. Box 1139
LaGrange Park, Illinois 60526

EMAIL DELIVERY OF ARCI NEWS? YES or NO (circle one)

PRINT DELIVERY OF ARCI NEWS? YES or NO (circle one)

Name: _____

Spouse: _____

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City: _____ State: _____ Zip Code: _____

Home Phone: _____ Application Date: _____

Email: _____

Emergency Contact Name: _____ Phone: _____

ARCI UPDATE

The President's Column -- All The News That's Fit To Print

UPCOMING BUSINESS MEETING FEBRUARY 8, 2015

We strongly urge all interested members, Officers and Board members to attend the upcoming business meeting. WE NEED YOU!!! New blood is needed to preserve the vitality and innovation of one of the best radio collecting clubs in the country. Planning for *Radiofest 2015* is already underway. ARCI is your club!! Please plan to participate and lend a hand! See you at the meeting!!

NEW MEMBERSHIP DUES AND SELLER FEES

Due to increasing costs of goods and services required by the club for its functions, the ARCI officers have approved an increase of annual membership dues in the amount of \$5 per year. This increase will be effective Mar. 1, 2015 and will change the cost of annual membership from \$20 to \$25. Spousal membership will remain at \$10, and lifetime membership will remain at \$340. The club will honor the old annual membership rate of \$20 for any membership renewals received prior to Mar. 1, 2015. There will also be an increase in fees for sellers at all ARCI regional meets from \$7 to \$10 per table. This increase will come into effect as of Feb. 1, 2015.



Jolin new and old members at ARCI Meet.



I WANT YOU TO VOLUNTEER WITH ARCI !!

We Need Your Help To Run Your Club!!

- ARCI News – Authors, Contributors
 - Radiofest – Volunteers
 - Local Meets – Volunteers
 - Radiofest Staff – Auction, Registration
 - Radiofest Hospitality Tent – Donors, Staff
- Earn your stripes today!**

*Please Contact Your Board Members & Club Officers Or Call
John Stone, ARCI President
arcipresident@comcast.net; Phone 847-735-0432*

RADIOFEST 2015 PLANNING UPDATE

By: John Stone, ARCI President

To make a (very) long story short, our original plans for *Radiofest 2015* went up in smoke after a late December visit by yours truly to the Willowbrook Inn. A quick tour, followed by a frustrating discussion with the hotel manager, made it abundantly clear that there was no way this hotel would be "ready for prime time" by the end of July, 2015. As many of you know, we were informed last summer of the hotel's plans for a complete renovation that was to be finished by the spring of 2015, including the reinstatement of the Holiday Inn moniker. But, as they say about "the best laid plans", the renovation schedule we were given last August has clearly gone totally out the window. Other than a repaved parking lot and some incomplete work on the outside walls, the hotel remains virtually the same as when we left it at the end of *Radiofest 2014*. And, despite the new owners' assurances of "major progress" by the end of July, the club officers all agree that, in good conscience, we cannot risk our club's premiere event on a facility that is likely to still be in the midst of major construction work while we're there.

Thus began an urgent search for a new *Radiofest 2015* hotel. Thanks to the diligent efforts and ideas of our club officers, and, in particular, the persistence of Art Bilski our PR director, we were able to secure a new location for Radiofest 2015. So, without further delay, here is your *Radiofest* update:

Radiofest 2015 is scheduled to take place July 31 and August 1st and 2nd at the Quality Inn, 300 South Frontage Rd. Burr Ridge, IL 60527.

The Quality Inn is located just off of County Line Road, one exit east of Kingrey Rd. on I55 where the Willowbrook Inn is located. It will be an easy find for anyone who has attended *Radiofest* over the past few years. We have arranged a two-tier ARCI sleeping room rate of \$79 and \$89 per night, which includes a continental breakfast. The \$89 rooms are all recently renovated, on the third floor, with new furnishings and flat screen TVs. The \$79 rooms are the older style ones, similar to those at the Willowbrook Inn. Further information about room availability for both types will be forthcoming in the next *ARCI NEWS*.

*****RADIOFEST 2015 WILL TAKE PLACE FROM*** FRIDAY AFTERNOON THROUGH SUNDAY MORNING**

All *Radiofest* events, beginning with the main auction and ending with the donation auction, will be held in the same sequence as in previous years, but scheduled one day later in the week. Many of you have been asking for the swap meet to start on Saturday instead of Friday, and the new hotel has given us the opportunity to try this without the cost penalties that would have resulted in previous years.

The hotel has all the necessary facilities for conducting our scheduled events. A large ballroom is available for the main auction, banquet, and speaker programs. There are three other large meeting rooms on the other side of the hotel that will accommodate

our product displays and the old equipment contest. The hotel has full kitchen facilities for our banquet, and there is a cash bar adjacent to the ballroom. Don't worry, we will make sure it is tended, well-stocked, and up and running for the occasion.



Our present plan is to use the hotel's rear parking lot for the bulk of the selling spaces, with any potential overflow located to the hotel sides. Parking for buyers will be available in front of the hotel and ample overflow parking spaces will be available in the adjacent business parking lots that we will have permission to use on that weekend.

Preparations are also well underway for our *Radiofest* theme and presentations. We have already confirmed our guest speaker, whom I think you will find both very knowledgeable and entertaining. You will be receiving much more information about this in the April issue of the *ARCI NEWS*, so stay tuned to this space.

Given the difficult circumstances of finding a suitable replacement hotel for *Radiofest 2015* with such short notice, we are confident we have made the best possible choice with the Quality Inn in Burr Ridge. However, we are not yet prepared to declare it our "new home" for future *Radiofest* meets. Like all venues, it has advantages and drawbacks (the latter of which I am sure I will hear plenty about). Basically, parts of this hotel have undergone extensive renovation, while other parts have been left untouched for perhaps a bit too long. But it will serve our purposes, and that is the most important thing. After *Radiofest 2015*, we will undertake a thorough evaluation of this hotel to see what worked and what did not. We will talk with the owners about their plans for future renovation work. Finally, we will revisit what will hopefully be a complete and fully renovated Holiday Inn in Willowbrook, to determine whether we should move back to that venue, stay with the Quality Inn, or do something altogether different.

The hotel industry in general has been evolving in ways that are becoming more and more incompatible with events such as *Radiofest*. Most of the newer, smaller-sized hotels no longer have the banquet and meeting facilities large enough for us to hold our main auction or memorial banquet. In addition, hotel managers are becoming increasingly more reluctant to allow the use of their parking lots for swap meets. They bring up issues of liability, local codes, clutter, and damage to the lot. They also complain of the inconvenience placed on other hotel guests. This has become a key "sticking point" for many hotels that we have otherwise found very compatible. For these reasons, we are now seeing other radio clubs move away from hotel venues altogether, electing instead to hold their meets at fairgrounds and similar public facilities. For now, we still believe that a hotel is the best choice for *Radiofest*, offering the greatest convenience and best facilities for the format we have been using over all these years. We will, however, be keeping a close eye on how successful the other clubs will be with their new venues and formats. And this will also help us decide what direction ARCI will take in the future.

NEWS FROM THE HAMSHACK

By: Jim Novak, WA9FIH

LOOKING BACK AT A WW II AIRCRAFT RADIO: THE BC-1206

Back in the WWII era, many pieces of radio communications equipment were developed for use in military aircraft, which employed a 24-28 Volt DC power system. Tubes used in that equipment had either 28 Volt filaments, or were 6 and/or 12 Volt filament tubes operated in series. High voltage was derived from either a dynamotor (motor generator) or vibrator power supply, adding extra weight and decreasing overall system reliability.

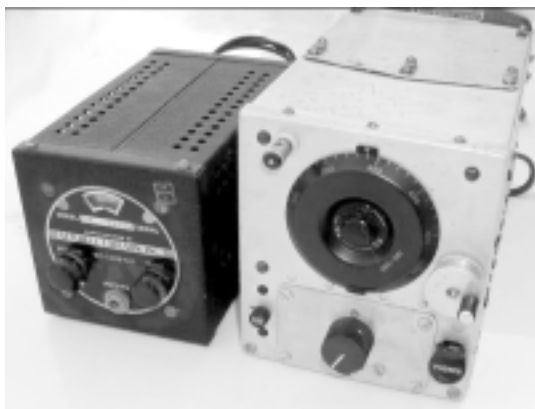
Among the various pieces of communications equipment in military planes was the “Range Receiver” which was intended to pick up low frequency beacon station signals as a general indication of the plane's location. One such range receiver was the BC-1206. The first version, the BC-1206-A was made by Detrola, covered 200-400 kc, had an IF of 142.5 kc and used four octal base tubes – 6K7, 6SA7, 6SK7, and 6SQ7, plus a 28D7 loctal audio output tube, all operating with only 28 Volts B+. All components were crammed into an amazingly small for the time case about four inches square and 6-5/8” deep. A 1/4” phone jack on the front panel provided audio output for 300 Ohm impedance headphones as factory wired; a high impedance output of 3000 Ohms could also be set in the field. If desired. The only controls were a volume control with on-off switch, and a tuning knob.



Setchell Carlson Model BC-1206-CM.

Setchell Carlson manufactured a later version, the BC-1206-C, using all loctal tubes with 28 Volt filaments and 28 Volts as high voltage as well. My Setchell Carlson BC-1206-CM, serial number 24,719, which was made in St. Paul, Minnesota, also bears the civilian Model 524 and uses two 14H7s, one each 14J7, 14R7, and a 28D7. The little square red Signal Corps acceptance mark is stamped into the black wrinkle finished front panel adjacent to the shiny metal escutcheon. The accompanying instruction manual indicates an IF frequency of 135 kc, tuning range of 195-420 kc, 3 Microvolt sensitivity, 230 Milliwatt audio output, and 0.75 Amp current draw. Total weight is about 3.5 pounds.

These radios were apparently still used into the early 1950's. In researching material for this article, I found an Air Force Technical Order dated 10 May 1951 ordering that the ARC-5/BC-453 receiver, which covered 190-550 kc with a 85 kc IF, be used to replace BC-1206 radios used in F-51D fighter planes that were also equipped with SCR-522 transmitter-receiver units, "to increase flight safety by providing for greater ease of tuning and more dependable reception of beacon signals over a greater distance". ARC-5 receivers were manufactured for other frequency ranges as well as the low frequency BC-453 – 1.5-3, 3-6, 6-9 Mc. Although the ARC-5's were larger than the BC-1206, they were designed to plug into a rack mounting system and could easily be swapped out for maintenance, while the 1206 had to be unscrewed from a bracket mount and several wires (power and antenna) disconnected.



Satchell Carlson Model BC-1206-CM (left) and the ARC-5/BC-453 B Receiver (right).

My BC-453-B, shown in the photo next to the BC-1206 for size comparison, was manufactured by Western Electric in New York. Those familiar with this radio will note that it has a local control panel rather than the more common mechanical (flexible shaft) remote tuning. The ARC-5s were a throwback to the more conventional system of using a dynamotor to supply high voltage for the tubes but evidently the Signal Corps was more comfortable with their reliability. Incidentally, when BC-453s hit the surplus market, they became popular as a "Q-5er" that us hams used as an outboard accessory coupled to a shortwave receiver with 455 kc IF, thus providing dual conversion with a much narrower bandpass, great for copying CW (Morse code) signals.



Faceplate for Satchell Carlson Model BC-1206-CM.

The concept of using one DC supply voltage for both filaments and B+ did not disappear with the demise of the BC-1206, however. TungSol, in the late 1950s, developed a series of about two dozen varieties of 7 and 9 pin miniature "space charge" tubes specifically for use in AM car radios that could run directly from 12 Volt DC without a high voltage (vibrator) power supply. Jeff Duntemann, K7JPD has authored an excellent article about these tubes and you can read it on his web site, www.junkbox.com – scroll down to "Radio & Electronics" and click on Low Voltage Tubes. Small world – Jeff held the call WB9MQY back in 1970 when he was one of my students at IIT!

COLLECTOR'S CORNER

An Occasional Column About Collecting Topics
By David Bart

WWII MOVIE POSTER FEATURES RADIO

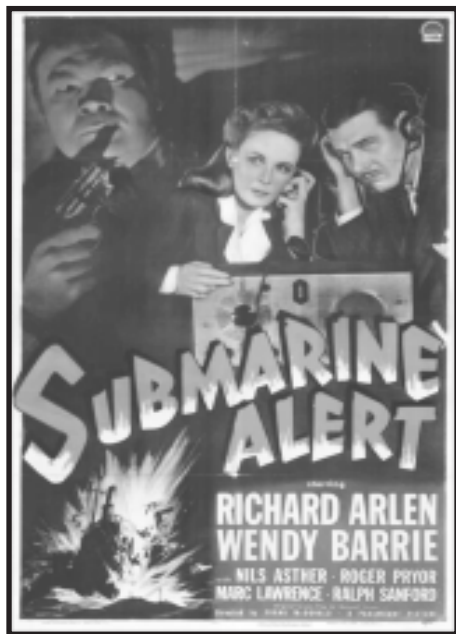
[The WWI and WWII special exhibit or wartime posters at Radiofest included two lobby cards from Submarine Alert. The images prominently featured radios and were therefore included in the poster collection on display. Since then, we have received several questions about the movie, so here is the story.]

Submarine Alert is a 1943 American film directed by Frank McDonald, produced by Pine-Thomas Productions and released by Paramount Pictures. The film was the last in a series of three Pine-Thomas adventure films that included Forced Landing in 1941 and Flying Blind also in 1941. The film stars Richard Arlen(1), Wendy Barrie(2), Nils Asther(3), Roger Pryor, Marc Lawrence and Ralph Sanford. The movie rates 5.5 out of 10.0 on the IMDb internet database and is considered a B- film; however, it has great nostalgic charm and internet reviewers seem to like it.

Plot

In essence, Nazi spies use a stolen shortwave transmitter prototype to broadcast top secret shipping information to an offshore Japanese submarine. To nab the spy ring, the US Government has the West Coast's top radio engineers fired and shadowed to see if the Nazis recruit them to complete work on the prototype radio. Radio engineer Lew Deerhold, a resident alien without a job to pay for his adorable little ward Gina's life-saving operation, falls prey to the spy ring, and is swept up in a maelstrom of deceit and danger.

The details read like a typical movie saga of the era for this wartime genre. During World War II, with shipping being sunk by submarines and with an American scientist working on radio technology killed by Nazi spies, FBI agent G. B. Fleming (Roger Pryor) comes up with a plan to catch the Nazis. He believes that radio signals are alerting the Germans about ship movements. His plan is to fire all the local radio specialists, who likely will seek any employment, including working with the enemy. Tailing the jobless radio men will help the FBI find the Nazis.



First Movie Lobby Card circa 1943.

Engineer Lewis J. “Lew” Deerhold (Richard Arlen) thinks he lost his job because he is a Canadian citizen. Lew looks after his niece Tina (Patsy Nash), a war orphan requiring a brain operation. Needing money, he applies for work at a radio repair shop, where he meets Ann Patterson (Wendy Barrie), the victim of a purse snatching. Lew recovers her purse and asks Ann out on a date.

Bela (Marc Lawrence). Lew is offered a job by Huneker, a Nazi spy commander who needs someone to repair a top-secret stolen radio transmitter. Ann is an FBI agent who has been assigned to follow Lew. She finds blueprints to the transmitter in Lew’s possession. When FBI agent Freddie Grayson (Ralph Sanford) searches Lew’s apartment, he is shot but is able to tell Lew that the doctor has the stolen transmitter and shot him.

Lew confronts Huneker, who is meeting with Japanese Commander Toyo (Abner Biberman). The pair try to convince Lew to join the Nazi party; he pretends to go along. When they begin to torture the owner of the Bambridge shipping company (John Miljan), their new recruit is ordered to kill Bambridge, who is actually Captain Hargas, an American agent. Instead, Lew escapes, taking with him the codes for the transmitter.

At the doctor’s hot springs resort, Lew and Ann join forces, but are captured and locked in a steam room by Huneker. Before they are killed by the steam, Lew devises a transmitter and sends an SOS that is picked up by a young boy whose father calls the FBI. FBI agents rush to save Lew and Ann, and arrest Huneker and his men. Agent Fleming also contacts a bomber squadron that destroys the Japanese submarine laying in wait off the California coast. With his niece Tina recovered from her operation, and Ann in attendance, Lew, now a private in the US Army, is granted American citizenship.

Initial Reception

Submarine Alert was another in the series of B films churned out by the Pine-Thomas team. The film villain again was Swedish-born Nils Asther who was featured in all three war adventures put out by William H. Pine and William C. Thomas.

Like many of the spy and secret agent films of the era, it was a cautionary tale about the dangers of Nazi and Axis infiltration. As a mildly patriotic vehicle, the film also made a statement about American values. For reviewer Hal Erickson, “The plot of the Pine-Thomas adventure quickie Submarine Alert is more than a little beholden to Hitchcock’s The 39 Steps.”



The Second Movie Lobby Card circa 1943.

Production

The runtime extends only 1 hour 6 minutes, or 66 minutes. It was filmed in monophonic sound using the Western Electric Mirrophonic Recording. Despite the colorful lobby cards, the film is in black and white and was captured on standard 35 mm film of the period using the Spherical Cinematographic Process on Printed Film

Principal photography for *Submarine Alert* took place from June 1 to mid-June 1942 at the Fine Arts Studios, Hollywood, California. The use of stock footage resulted in the “3rd Bomber Squadron” appearing to be composed of Curtiss P-40 Warhawk fighters.

The Director was Frank McDonald, the Writer was Maxwell Shane (original screenplay) and the principal stars were Richard Arlen as Lewis J. “Lew” Deerhold, Wendy Barrie as FBI Agent Ann Patterson, Nils Asther as Dr. Arthur Huneker, Roger Pryor as G.B. Fleming, Abner Biberman as Commander Toyo, Marc Lawrence as Vincent Bela, John Miljan as Mr. Bambridge /Capt. Haigas, Patsy Nash as Tina Deerhold and Ralph Sanford as FBI Agent Freddie Grayson. The two uncredited producers were William H. Pine and William C. Thomas. Freddie Rich composed the music and Fred Jackman Jr. directed the photography and cinematography. William. H. Ziegler performed Editing and Art Direction was provided by Frank Paul Sylos. Ben Berk provided the Set Decoration.



Jacket Cover for DVD Release.

Distribution

Submarine Alert was released on June 28, 1943 and it was also known as *Interceptor Command*. Considering its B- rating, a number of distributors have handled the film, and it has been re-released a number of times. Paramount Pictures released the original movie to theaters in 1943. Metropolis Productions released it for television in 1953. Alpha Video Distributors produced a DVD for release in the US in 2001. Reel Media International released the video worldwide in 2004, and in 2007 re-released it worldwide for all media. Mill Creek Entertainment produced another DVD in 2009, followed by Synergy Entertainment and TGG Direct, both of whom issued DVDs. The Video Cellar issued its own DVD in 2006.

Trivia

The failure of the original copyright holder to renew the film's copyright resulted in it falling into public domain, meaning that virtually anyone could duplicate and sell a VHS/DVD copy of the film. Therefore, many of the available versions of this film are either severely, and usually badly, edited and/or of extremely poor quality, having been duplicated from second-, third-, or even later generation copies of the film.

The film has one major gaff. When the bombers are scrambled, we see a squadron of single seat P-40s taking off. When the submarine is attacked, somehow, there are at least two crew members in the aircraft. There are also some amusing assemblages of radio equipment in various scenes. The silhouette of a Vibroplex semi-automatic bug being tapped as a regular straight telegraph key in one scene was also a laugh. But remember, this is not a documentary, so take the film for what it is, a genre piece, and enjoy it.

Reviews

Once this wartime feature gets going, it is not bad, and it builds up enough intrigue for the viewer to overlook the low production quality. Richard Arlen and Wendy Barrie also contribute with solid performances in the two leading roles. For movies of the era and genre, it is a little less strident than most in its attacks on Axis nationalities, giving somewhat more emphasis to the personal plight of the main character (Arlen).

Arlen plays a radio engineer who, although not a US citizen, finds himself out of work when the FBI orders his employer to let him go. While Axis spies try to dupe him into helping them with a special transmitter that they are using to target Allied tankers, the G-Men are still keeping their own tabs on him. Barrie comes into the story as something of a wild card.

The script takes somewhat too long to set things up, and it adds some characters that are never used for anything of importance, so that it takes a while to start making any real progress. But after that, it works reasonably well, as Arlen's character finds himself in one fix after another. By portraying the federal agents as rather heartless and unimaginative, the movie's tone becomes somewhat darker than what you might normally expect from a picture whose general aim is to promote the Allied cause.

Conclusion

Although there is nothing new or particularly impressive about *Submarine Alert*, there is probably enough to make it enjoyable and worth seeing for those who have an interest in the genre. More important for the radio and poster collector, *Submarine Alert* may be the only wartime movie that prominently featured radio as a theme, and its movie poster may be the only one to impressively show a radio as the primary prop. For those who like the poster images, they are available online and can be downloaded for free. If you are aware of any other fun movie posters that proudly feature a radio, please let us know.

Notes:

- (1) Arlen is best known for his role as a pilot in *Wings* (1927), *Island of Lost Souls* (1932), *Alice in Wonderland* (1933) and *Submarine Alert* (1942). In the 1950s and early 1960s, Arlen guest starred in several TV series, including *Playhouse 90*, *The Loretta Young Show*, *The 20th Century Fox Hour*, and *Crossroads*. Arlen also appeared in westerns, such as *Lawman*, *Branded*, *Bat Masterson*, *Wanted: Dead or Alive*, *Wagon Train*, and *Yancy Derringer*; and in drama/adventure programs like *Ripcord*, *Whirlybirds*, *Perry Mason*, *The New Breed*, *Coronado 9*, and *Michael Shayne*.
- (2) Wendy Barrie was a British actress who starred in *It's a Small World*, *Under Your Spell*, *Speed*, *The Hound of the Baskervilles*, *Five Came Back*, *The Saint* and *The Falcon*. In the late 1940s, she hosted *Picture This*, and also *The Adventures of Oky Doky* on TV. *The Wendy Barrie Show* debuted in November 1948 on ABC, and then ran on DuMont and NBC. Later she was the original Revlon saleswoman on *The \$64,000 Question*. She hosted a widely syndicated radio interview show into the mid-1960s.
- (3) Known for his beautiful face, Nils Asther was often called “the male Greta Garbo”. Between 1916 and 1963 he appeared in over 70 feature films, 16 of which were produced in the silent era.

Sources: IMDb and Wikipedia listings for Submarine Alert.



Viewing decades of history at the last ARCI meet.

A RADIO TIMELINE

By Keith & Delia Schreiter

TURN THAT RADIO DIAL BACK IN TIME

Take a stroll back in time and think back.... Life was simpler back then. There were no cross country interstate highways to get around. There was no hustle-and-bustle of city life. And, it was more laid back, or was it? All we had to contend with was the 1930's depression, being able to put food on the table for the family, two World Wars, the Great Dust Bowl, a cold war, etc. So the question is, was it a simpler time, or just a different? Let's read on and think about the past, and some of the little things that contributed toward putting a smile on our faces in radio land.

1890 - 125 Years ago

- By the early 1890s, the National Telephone Company (the NTC) had total control of Britain's telephones, apart from the few belonging to the Post Office. Long-distance telephoning grew rapidly under the NTC to such an extent that the government made one more move to keep a grip on the telephone business. Following another Telegraph Act, in 1892, the Post Office was given control of all trunk lines in 1896, leaving the NTC to operate telephone stations, junction lines and their exchanges.

1915 - 100 Years ago

- The Bureau of Navigation was started by the Department of Commerce (and later the Radio Division). Radio Service Bulletins were issued monthly by the Bureau of Navigation from January 1915 into the 1930s to keep mariners, aviators, radio listeners, and others abreast of developments in the new medium of radio. Radio was used for radiotelegraphy, ship-to-shore and ship-to-ship communications.
- True Broadcasting began in 1915. Speech was first transmitted across the continent from New York City to San Francisco and across the Atlantic Ocean from US Naval Radio Station NAA at Arlington, Virginia, to the Eiffel Tower in Paris.
- ARRL published the first issue of QST. This is a magazine/membership journal for amateur radio enthusiasts, published by the American Radio Relay League (ARRL). The name of the magazine is derived from the radio Q signal that means "calling all stations". This magazine has been in continuous print to this day.
- The Vibroplex Company was incorporated in New York. This company manufactures telegraph Keys and is the oldest company for the Ham radio market and still going strong.
- Alexander Graham Bell and his now former assistant Thomas Watson completed the first coast to coast long distance telephone call.

1940 - 75 Years ago

- FM radio was demonstrated for the FCC for the first time.
- Gene Autry's Melody Ranch debuted on CBS.
- Beat the Band debuted on NBC.
- Amanda of Honeymoon Hill debuted on NBC Blue.
- The Chamber Music Society of Lower Basin Street debuted on NBC Blue.
- The Adventures of Superman (1940–1951) debuted on WOR.
- Light of the World debuted on NBC Red.
- Truth or Consequences debuted on CBS.
- The Bell Telephone Hour debuted on NBC Red.
- The Abbott and Costello Show debuted on NBC.
- Duffy's Tavern was first broadcast as part of the Forecast audition series on CBS
- Crime Doctor debuted on CBS.
- Dr. Vladimir K. Zworykin demonstrated the first electron microscope.
- U.S. cipher experts use a technique they called "Magic" to break the Japanese secret diplomatic code.

1965 – 50 Years Ago

- During the weekends of July 3 and July 24 the radio telescope (1000 foot diameter dish) at Arecibo, Puerto Rico was put on 432 MHz EME (Earth-Moon-Earth), which means Moon bounce. This was done by KP4BPZ (500W on SSB and CW).
- GE ceased publication of GE Ham News, a newsletter which covered various technical topics of interest to radio amateurs.
- OSCAR III was launched. It is the first 2 way amateur satellite with both uplink and downlink capabilities on the 2 meter band.
- Palm Sunday – an outbreak of 48 tornados cut a path across Wisconsin, Iowa, Illinois, Indiana, Michigan and Ohio. By the end of the storms, 260 people are killed and up to 3400 people are injured.
- After a study and report from the National Weather Service following the Palm Sunday tornado outbreak, the terms “Tornado Watch” and “Tornado Warning” are introduced.
- Merle Kachenmeister, WA8EWW a National Weather Service employee in Toledo, Ohio organized the “Tri-State Weather Network” (based on the southern “Skywatch” program) to increase the number of trained severe weather spotters. The program evolved into the nationwide “Skywarn” program.
- U.S. bombed North Vietnam as the first troops landed in DaNang.
- National Radio Company introduced the all solid state HRO-500 receiver.
- The Treasury Dept. reported the Vietnam war was costing America \$1,200,000,000.00 per month.

1990 – 25 Years Ago

- The Hubble Space Telescope was launched, but the focus did not work due to a mirror problem. This would be corrected by a historical spacewalk in later years.

In life there will always be obstacles but we will always achieve success and happiness and show what we all can accomplish with hard work. So, as with yesteryear and today, life continues all the same, just with a different spin on the dial.

FUN PHOTOS & FACTOIDS FROM AWA

Contributed By Stan Avery

[Factoids about radio are compiled by Stan Avery from AWA.

We thank him and the AWA for sharing them with ARCI.

We will continue to run them as a column in this and future issues of ARCI News.]

AMERICA'S AMAZING RAILWAY TRAFFIC

By William Joseph Showalter

Excerpt from *National Geographic Magazine*, April 1923

Some of the progressive railroads are installing radio receiving stations on their big through expresses. It is now even proposed to put in a motion-picture service in dining-cars, so that when those who answer the last call of the "white coat" have finished their meals the car may be converted into a motion-picture theater for the benefit of those who have wearied of the car-window panorama and of the books and magazines they brought along to relieve the tedium of the trip.



Radio on the Rails (Photograph by Kadel and Herbert).





BUSINESS CARD ADS

We invite all of our members to scan and send in your business card to be included in *ARCI News*. For \$80 your card will appear in the next 6 issues! Your card will be seen by approximately 400 people per issue and up to 1,000 people at *Radiofest* where we make additional copies of *ARCI News* available at no charge. If interested, please scan your card and send it to jbart1964@gmail.com and mail a check for \$80 to Rudy Hecker, ARCI Treasurer, 127 Weymouth Court, Schaumburg, IL 60193. Thank you all for your continued support of ARCI!!!



The business card for 'Just Radios' features a vintage-style design. On the left is an illustration of a classic wooden radio cabinet with a speaker grille. To its right, the text 'Just Radios' is written in a large, serif font. Further right are illustrations of electronic components: a variable capacitor and a resistor. Below the main title, the text reads 'Capacitors & Resistors for Tube Radios'. At the bottom left, the contact information for David and Babylyn Cameron is provided, including their address at 8 Ferncrest Gate, Scarborough, Ontario, Canada, M1W 1G2. At the bottom right, the website www.justradios.com and email justradios@yahoo.com are listed, along with the phone number (416)502-9128.



CLUBING AROUND

ANTIQUE WIRELESS ASSOCIATION

The Antique Wireless Association will have its next meeting in May 2015 at the AWA Museum in Bloomfield, New York. The AWA, our national affiliate, publishes the AWA Journal, the AWA Review and The AWA Gateway. The latest edition of The AWA Gateway is available for free at <http://www.antiquewireless.org/awa-gateway.html>. Dues are \$35 per year. Information can be found at <http://www.antiquewireless.org/>.

WISCONSIN ANTIQUE RADIO CLUB, INC.

The next WARCI meeting will take place March 29 at The Terminal, 5917 S Howell, Milwaukee. For information about the club, please contact President Greg Hunolt at ghunolt@excel.net or see the web site at www.warci.org.

NORTHLAND ANTIQUE RADIO CLUB

The Minnesota Club has its next event is scheduled for February 22, a workshop and outdoor mini-swap meet. Radio Daze, the Upper Midwest's ultimate vintage radio collecting event, will be held May 15-16. For more information and the date which will be announced, please see <http://www.northlandantiqueradioclub.com/index.shtml>.

MICHIGAN ANTIQUE RADIO CLUB

MARC's next meet is scheduled in May 2015. Details will be announced. Please see the MARC website for more information at <http://michiganantiqueradio.org/>.

INDIANA HISTORICAL RADIO SOCIETY

IHRS Winter Meet will be announced. For more information please see <http://www.indianahistoricalradio.org/ihrsched.htm>.

Can't Wait to Hear About Radiofest?
Come to the February Meet For The Latest News!!





ARCI NEWS

Antique Radio Club of Illinois

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