

The Bendix E-Beam

*News from the Bendix Radio Foundation
working for the Preservation and Presentation of the History of
the Bendix Radio Division and Bendix/AlliedSignal Communications Division.*

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Issue Number 22 – March 21, 2013

We, the BRF volunteers, would like to express our deepest thanks for your continuing support of the BRF's efforts to document the history of the Bendix Radio Division and Bendix/AlliedSignal Communications Division.

Major BRF Objective of a Permanent BMI Exhibit Begun.....by Angelo DelNegro

Past: On October 1, 2010, a new temporary BRF Exhibit documenting “*Bendix Radio / AlliedSignal – 60 Years in Baltimore*” was opened in the BMI's Communications Gallery. Allocation of this space presented BRF's first large Exhibit space since the earlier “temporary” Exhibit opened on August 29, 2002 and remained open through May 2006. This Exhibit covers the complete back wall of the BMI's Communications Gallery – the area is 9 ft high by 34 ft wide plus artifacts in adjacent display cases. This Exhibit was designed, produced and installed by BRF personnel working closely and with the approval of BMI. The BMI directorship has given BRF strong supportive reviews and comments on this Exhibit. Many visitors have told the Museum receptionist positive comments about the Exhibit as they exited the Museum.

Present: BMI has authorized BRF to replace the two *Allied Chemical* panels in the main Decker Gallery area with a *Bendix Radio* Exhibit. This new permanent Exhibit will be a vertical display area (two panels, each panel 4 ft wide by 12 ft tall with a vertical center 18” x 18” x 6’ artifact clear display case) summarizing the history and “Technology Firsts” of *Bendix Radio* in the Baltimore area. This Exhibit will have to be compatible with the existing Decker Gallery displays so professional support and installation is required. BRF is financially committed to the support of BMI in order to make this permanent Exhibit a reality. Our thirteen year presence at the BMI always had the goal of a permanent Exhibit in the main Decker Gallery. We need your strong financial support in order to achieve our goal of a permanent first-class Exhibit that we all can be proud of. With your tax deductible contribution to the BMI through our BRF organization we can present the best image of *Bendix Radio* in Baltimore on a par with – if not better than – the other Baltimore organizations in the gallery.

Step 1 – Our preliminary approach and associated sketches were presented to the BMI management and we were given approval to proceed with the wording and photos preparations.

Step 2 – A professional design and installation organization was hired by BMI to work with BRF personnel.

Step 3 – A proposed display layout, preliminary sketches, photos, sub-panel wording and artifact displays has been given to the design organization and BMI management for comment, suggested changes, and subsequent approval.

Step 4 – Finalize design.

Step 5 – Construct Exhibit.

Step 6 – BRF/BMI members and donors will be invited to a 2013 grand opening reception.

Website...<http://www.bendixradiofoundation.com>.....by Bill Mackey

New activity this past year has been the posting of the 2012 BRF/BMI Membership listing, a link to a description page for the new history of TCAS book written by our former volunteers Jack Shagena and Jim Dalmas as well as a new and updated Audio/Visual Collection Index.

Collection Additions.....by Bill Mackey

The contributions to the Bendix Radio Foundation archival collection during 2012 include the following:

- 1) Dr. J. S. Morrel's collection donated by his daughter (thanks to the efforts of J. Shagena and J. Dalmas to find her and assist in getting this collection donated to BRF).
- 2) TCAS related material collected by J. Shagena and J. Dalmas in their research of the history of air traffic collision avoidance and TCAS.
- 3) Many TCAS related documents by Chuck Greenslit.
- 4) Several home radios and tubes and an ARC-44 by a local radio collector.
- 5) A collection of home radios and electrical parts from the estate of Art Williams.
- 6) Several home radios and miscellaneous artifacts from Walt Kutrik.
- 7) A large collection of Bendix Radio items including photos, posters, documents and brochures from the estate of Harry Nessell.

We are always amazed at all of the new material that we continue to receive. So please do not assume that we have it -- DONATE IT NOW!!

Special Funding Received.....by Bill Mackey

The BRF was very fortunate to be the recipient of *The Harry H Nessell Memorial Fund* donations, which Harry requested to be established, in lieu of flowers upon his death in April. This was a unique and very generous fund contribution created by a former employee of Bendix Radio. Hopefully others will keep the Bendix Radio Foundation in their future consideration.

AlliedSignal/Honeywell Aviation 'Museum' Request.....by Bill Mackey

We would appreciate any information concerning the Bendix Radio artifacts that were donated to the AlliedSignal/Honeywell Aviation 'Museum' in Redmond, WA. We have heard rumors that this Display has been removed and possibly put in storage but we have no contacts to try to save these items. Any information would be most appreciated. Email the BRF at website@bendixradiofoundation.com

Employee Names Database.....by Ken Kidd

The Employee Names Database is a database of the names of employees of the Bendix Radio/Communications Division/AlliedSignal Communications that covers the period from the formation in 1937 to the sale of the division to Raytheon on September 10, 1998. We are still looking for additional personnel lists and organizational charts which you may have in your files. Let us know.

William Stotz.....by Bill Mackey

It is with great sadness we inform you of the passing of one of our early and dedicated BRF volunteers, William H. Stotz. Bill Stotz contributed a great deal of time and effort over most of BRF's history by organizing the Archival Collection Database, guiding all of us in the preparation of the raw data, and logging and digitally photographing artifacts. His expertise will be missed greatly.

BRF Archival Collection.....by Angelo DelNegro, et al

A listing, presented here, identifies the various quantities of items within the BRF Archival Collection Database. As new items, documents, etc. are received they will be added to the collection. It is from this collection that artifacts, photos, and technical text are being formulated for the permanent Bendix Radio Exhibit in the Decker Gallery.

BRF ARCHIVAL COLLECTION

- 640..... Artifacts (and Photographed)
- 150..... Print File Boxes
 - 292,000 Sheets
 - 2,680 Folders
- 75..... Titled Periodicals
 - 1,250 Issues
- 79..... Audio Visual File Boxes
 - 30,000 Negatives
 - 5,000 Pictures
 - 3,500 Slides
 - 100 Large Motion Picture Reels
 - 44 Video Tapes
- 190,000..... Drawing Release Cards
- 4,600..... Drawings
- 72,500..... Aperture Cards
- 15,000..... Engineer's Log Book Issue Cards
 - 20..... 2.5" Thick Photo Albums
 - 2,500 Pictures
- 60,000..... Microfiche Cards
- 38,000..... Employee Names
 - 924..... Manufacturing Specs
- 1,123..... Purchasing Specs

BRF and BMI Joint Membership.....by Bill Scott

We are looking forward to your continued support of the BRF through yearly BRF/BMI membership and your donations for the new, permanent Bendix Radio Exhibit in the Decker Gallery. The 2012 BRF and BMI Joint Membership totaled 98 members: 37 Household Family Memberships and 61 Individual Senior Memberships plus an additional 32 persons who made monetary donations. For the previous 2011 year, the membership totaled 101 members. Please keep us informed of any address or email changes.

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DECKER GALLERY-----BALTIMORE MUSEUM OF INDUSTRY



**PRESENT DECKER GALLERY TYPICAL DISPLAYS
LEFT AND RIGHT OF THE PROPOSED BENDIX RADIO DISPLAY
EACH PANEL IS 4 ft WIDE BY 12 ft HIGH AND AT RIGHT ANGLES**



**PRESENT
ALLIED CHEMICAL DISPLAY**



**BENDIX RADIO DISPLAY
MOCK-UP MODEL 3-D VIEW
TEXT AND PHOTOS NOT CORRECT**