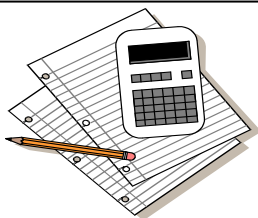
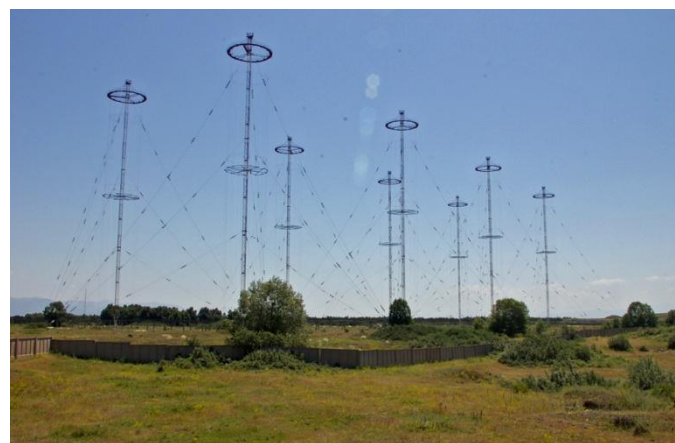
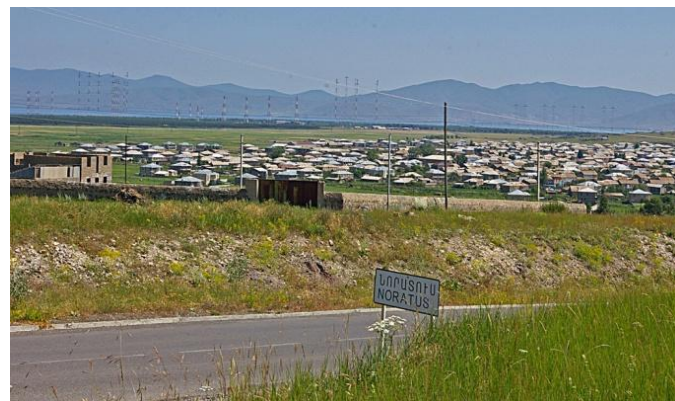


# Notes & News



## From the World of Radio

Edited by Kaj Bredahl Jørgensen  
e-mail: kaj.bredahl@mail.dk



The above pictures are from : Azerbaijan (Nagorni-Karabagh photographed by our German member 3722 Reinhart Mazur, which is copyright.

### IEEE MILESTONE IN ELECTRICAL ENGINEERING AND COMPUTING

First Direct Broadcast Satellite Service, 1984

NHK began the world's first direct broadcast satellite service in May, 1984. This was the culmination of eighteen years of research that included the development of an inexpensive low-noise receiver and investigations of rain attenuation in the 12 GHz band. RRL, NASDA, TSCJ, Toshiba Corporation, General Electric Company, and NASA participated with NHK to make satellite broadcasting to the home a practical reality.

November 2011



The topic this month is a little bit personal. NHK earned the Milestone of IEEE (The Institute of Electrical and Electronics Engineers) because of initiating the world first Direct Broadcast Satellite service in May, 1984.

Honoring ceremony was held on 18 November at NHK Technical Laboratory. I was responsible for the DBS satellite at Toshiba Corporation as a Project Manager, and experienced a lot of challenges and difficulties during the satellite development. So I am extremely happy with this recognition by the International organization.

By the way the first winner of the IEEE Milestone in Japan is the Yagi antenna by Tohoku University in Sendai. I studied under Dr. Uda who invented the Yagi antenna. Dr. Uda was very proud of seeing so many Yagi antenna around the world for TV reception, and I am also feeling a lot of satisfaction with my career to see so many dishes in Japan watching DBS satellite services. If you are interested, please see

<http://theinstitute.ieee.org/technology-focus/technology-history/first-direct-broadcast-satellite-service-earns-ieee-milestone>

Toshi Ohtake, Japan Short Wave Club  
JSWC, P.O.Box 44,  
Kamakura 248-8691, Japan.

### Updated lists from the British DX Club

The following have all been updated on the British DX Club web site:

- \*Africa on SW-\*Afghanistan on SW-\*External Services on MW
- \*Middle East on SW-\*South Asia on SW-\*United Kingdom on SW

All of the above surveys are compiled by Tony Rogers and have been updated for December 2011.

\*Shegra DXpedition Report 2011. A report on the recent DXpedition to Shegra, including the MW and SW logs plus some photos of the beverage aeriels and landscape around Shegra. All of these can be found on the BDXC web site at <http://www.bdx.com> - see Articles Index. (Kenny, Dec 06)

**Next Deadline is February 9th - Do contribute!**