

# SHORTWAVE BULLETIN

Issue no. 1933, Sept 22, 2019.

Deadline e-mail next issue: 0800 UTC, Oct 6, 2019.

## R.I.P

### Henrik Klemetz

One of the most well-known and famous DX-ers of our time, Henrik Klemetz, passed away in his hometown, Borås, in the morning on Sept 21 as a result of a serious illness.

Henrik had lived many years in Colombia where he met his wife.

His knowledge of Spanish and Latin American cultures was amazing and irreplaceable.

He was also a very skilled DXer though not active during recent years. In 1989 he wrote a book titled "Latin America by Radio" which still is a fantastic guidebook for identifying Latin American stations.

For a very long time he has been helping DX-ers around the world with identification of Latin American stations and as well doing a lot of research. Often he discovered unlisted stations and could help DX-ers with verifications.

His contributions to the DX community will always be remembered and we all have lost a wonderful friend.

## Keep on ....

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## SWB-info

SWB on HCDX: <http://www.hard-core-dx.com/swb>

SWB member information: <http://www.hard-core-dx.com/swb/member.htm>

Dateline Bogotá 1993-1998: <http://www.hard-core-dx.com/swb/Dateline.htm>

SWB latest issue/archive: <http://www.hard-core-dx.com/swb/archive.htm>

## QSL, comments, etc.

### Henrik Klemetz, RIP

Henrik's wife Josefina has informed via Jan-Erik Österholm that Henrik Klemetz passed away in the morning of Sept 21 in the suite of small intestine cancer.

A sad message for his family and for the DX world who lost a good friend who always stood up for us. The world will not be the same in the future without Henrik.

Our warmest condolences to his wife and daughter.

*It's fantastic to read all the comments about the influence Henrik have had in the DX World, such as RealDX, A-DX, DXing.info, WO, Arctic Radio Club and in other social medias.*

*Some DX-ers also suggested that a collection of all comments will be created and given to his family. I have started this collection. /Thomas*

### Kjell Eriksson, Luleå.

Hej Thomas !

Tack för välkommandet till SWB mm, trevligt. KEL som är min signatur står för Kjell Eriksson Luleå. Numera sen ca 7 år så har jag köpt min pappas föräldrahem i Mörön (ca 3 mil söder om Luleå och ut mot kusten). Började med dx-ing 1973 och hade ett uppehåll mellan ca 1986-2003 pga småbar mm. Under flera år bedrevs lyssnandet i FRO:s lokaler i Bälinge utanför Luleå och Luleå Utlandslyssnarnes Förening LUF bildades och bedrevs några år med tidningen Nord-DX-aren. Suget på dx-andet kom tillbaka och sen 2003 har jag varit en årlig gäst på expeditioner uppe i Parka. Började dx-andet på en gammal Philips bordsradio som mina föräldrar haft därefter köptes en RCA AR88D som levererades i en stor trälåda med SJ från Sundsvall. Numera använder jag några Standard Radio CR304A som finns i min ägo så länge jag är med i Frivilliga Radio Organisationen FRO. Vad gäller min dx-ing så har jag alltid varit en allätare vad gäller kortvåg/mellanvåg men sen nystarten 2003 så är mellanvågen huvudsaken men givetvis plockar jag nytt intressant på kortvåg när tillfälle ges. För närvarande finns QSL från 843 stationer i 175 länder. Delstaterna Alaska och Hawaii har levererat 30 respektive 18 stationer och alla provinser i Canada har jag lyckats få svar från. Några roliga SM-1:or finns det och trevliga svar från Radio Lubumbashi,Zaire, SIBC Solomonöarna, Radio Sahara,Spanska Sahara, Radio Voz de Sao Vicente, Kap Verde Öarna, Radio Nacional de Sao Tome e Principe, Sao Tome, AIR/Port Blair, Andamanerna, Radio Sana, Nord Yemen, Radio Visión Christiania, Turks & Caicos, RFO Guadeloupe, Guadeloupe, Radio Olé, Ceuta mm finns många trevliga svar. Det var lite kort om mig och min dx-ing. Hälsningar / Kjell Eriksson

*(Du skall känna dig varmt välkommen i gänget! /Thomas)*



**Manuel Méndez, Lugo, Spain** with a few verifications: **3310, Radio Mosoj Chaski**, Cotapachi, Cochabamba, received email confirmation QSL letter in 19 days, for a reception report sent via email to: [radiomosojchaski@hotmail.com](mailto:radiomosojchaski@hotmail.com). **4774.9, Radio Tarma, Tarma**, received email confirmation letter, two PDF files with information of the station and a mp3 file with identification of the station in 17 days for a reception report sent to: [gerenciageneral@grupomonteverde.com](mailto:gerenciageneral@grupomonteverde.com)

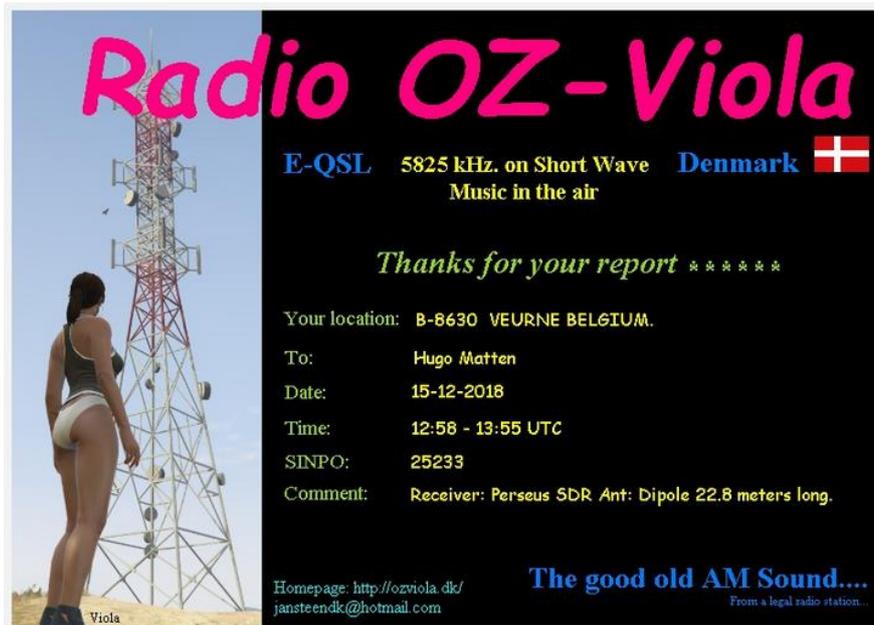
## Log

(UTC)

3310	Sep13	0000	Radio Mosoj Chaski, Cochabamba; noted weak in Quechua (Wilkner)
3325	Sep9	1400	Voice of Indonesia, via RRI Palangkaraya, was a very special day here. Not only was there audio, which is rather rare, but heard a song I had not heard on SW for several years. I last reported hearing it back on Sept 6, 2017. Today, 1400-1409 UT, with news and commentary in Bahasa Indonesia; followed by the distinctive patriotic song "Garuda Pancasila" (aka: "Mars Pancasila"), which was composed by Sudharnoto, with lyrics about the loyalty of all Indonesian people to Pancasila as the only ideology or philosophy of the Indonesian nation. Am very pleased with today's reception! My recording of "Garuda Pancasila" today at <a href="http://bit.ly/2kqHi9c">http://bit.ly/2kqHi9c</a> . Clear version at Youtube of the same song at <a href="https://www.youtube.com/watch?v=GBNIsIo8OLQ">https://www.youtube.com/watch?v=GBNIsIo8OLQ</a> (Ron Howard, Asilomar State Beach, CA, USA)
3325	Sep11	1217	A second day with a greatly extended NBC Bougainville broadcast on 3325 kHz., so perhaps a new schedule? Unlike yesterday's reception free from Voice of Indonesia QRM, today with significant VOI audio, making a mess of this frequency; both stations mostly unusable; checking 1217-1302 UTC; again with "NBC News Roundup" at 1302. This change is not totally unexpected. It will be recalled that this November will see the important referendum vote to be taken to determine the possible independence of Bougainville. We can expect this station to be a key means of disseminating information about the election. SW is especially alive at election time! (Ron Howard, Asilomar State Beach, CA, USA)
3480	Sep8	1935	Voice of the People, via Goyang, South Korea Korean dramatic conversation between man and woman. // 3910, 3930, 4450, 6520 and 6600 - all // were jammed (AP-DNK)
3910	Sep14	2049	Voice Of The People (cland.), Goyang. Kor to KRE, songs, tks. Jammed. 24331 (CGx)
3915	Sep15	2320	BBC, Kranji English talk about investments (AP-DNK)
3930	Sep10	2101	Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. 33331 (CG)
3975	Sep8	1940	Shortwaveradio, Winsen English ann, pop songs (AP-DNK)
3985	Sep8	1945	Shortwaveservice, Kall-Krekel English talk about elections in Canada (AP-DNK)
3990	Sep8	2325	<b>Gannan PBS</b> , Tianshui Tibetan conversation (AP-DNK)
3990	Sep15	2325	Xinjiang PBS, Urumqi Uighur conversation // 7205 (terrible noise) (AP-DNK)
3995	Sep8	1950	HCJB, Weenermoor German religious talk (AP-DNK)
3995	Sep21	0050	LifeFM, Ireland, via HCJB, Weenermoor English ann, hymns (AP-DNK)
4747.20	Sep13	0000	Radio Huanta 2000 Huanta Ayacucho, fighting CODAR en español, weak. Note, first discovered by Steve Reinstein in NU (Wilkner)
4750	Sep16	1725	Bangladesh Betar, Shavar Bengali ann, folksongs (AP-DNK)
4765	Sep8	2330	Tajik R 1, Yangiyul Tajik ann, folksongs (AP-DNK)
4800	Sep15	2335	Voice of China, Golmud Chinese advs by man and woman (AP-DNK)
4810	Sep16	1730	AIR, Bhopal English news from Delhi // Jaipur 4910 and Jeypore 5040 (AP-DNK)
4810	Sep8	-1741*	AIR Bhopal, Madhya Pradesh. Nx at 1730, first in E, then in an Ind. lang. 35332 (CGS)
4820	Sep15	2340	Xizang PBS, Baiding, Tibet. Chinese talk about Hongkong. (AP-DNK)
4840	Sep20	0250	WWCR, Nashville, TN English religious talk (AP-DNK)
4840	Sep9	0820	WWCR, Nashville TN. E, rlg. propag. F/out 0950. 35443 (CGS)
4875.04	Sep9	0330	R Difusora Roraima, Boa Vista, RR, ann, Brazilian songs (AP-DNK)
4885	Sep8	2335	R Clube do Pará, Belém, talk (AP-DNK)
4885	Sep8	1744	R.Echo of Hope (cland.), Nowon-gu. Kor to KRE, tks. 25231 (CGS)
4885	Sep19	2115	R.Echo of Hope (cland.), Nowon-gu. Kor to KRE, phone-ins. QRM de B. 34443 (CGx)
4905	Sep15	2345	Xizang PBS, Baiding, Tibet, advs // 4920, 6110, 6130 and 7385 (AP-DNK)
4910	Sep21	0030	AIR, Jaipur Hindi talk and song CWQRM (AP-DNK)
4920	Sep21	0040	Xizang PBS, Baiding, Tibet Tibetan ann, local songs QRM AIR, Chennai, // 4905, 6130 and 7385 (AP-DNK)
4920	Sep8	1655	AIR Chennai, Tamil Nadu. Songs. QRM de CHN. 24341 (CGS)
4930	Sep16	1735	VOA, Moepeng Hill Shona talk (AP-DNK)
4980	Sep15	2350	WRMI, Okeechobee, FL (p) English talk - very weak slight CWQRM (AP-DNK)

5010	Sep8	-1741*	AIR Thiruvananthapuram, Muttathura. Nx in E & in an Ind. lang. 35332 (CGS)
5025	Sep20	0255	R Rebelde, Bauta Spanish ann, Cuban songs CWQRM in LSB (AP-DNK)
5025	Sep9	0825	R.Rebelde, Bauta. Songs, local propag. Faulty audio. F/out 0955. 35433 (CGS)
5025	Sep14	2350	R. Quillabamba. Rezo del Rosario en español. Interferencia de Radio Progreso de Cuba y desvenecimiento propio de la banda de 60 metros. (Claudio Galaz, Barraza Bajo, 4° Región, Chile via ListaConDig)
5040	Sep16	0000	R Habana Cuba, English ann, Cuban music (AP-DNK)
5040	Sep8	-1741*	AIR Jeypore, Odisha. Nx in E & in an Ind. lang. 35331 (CGS)
5050	Sep9	0340	WWRB, Morrison, TN English religious talk (AP-DNK)
5130	Sep20	0245	WBCQ, Monticello, Maine EE religious talk - now back on exact frequency! (AP-DNK)
5825.397	Sep21	0935	OZ-Viola. "Music in the good old AM Sound" with pop mx. This station is located in Hilleröd, Denmark some 65 km from here. (TN)
5895	Sep20	1350	R Northern Star English ann, two singing ID's 1356 and 1400: "... Radio Northern Star", English songs like wellknown "Mighty Quin" (AP-DNK)
5915	Sep8	2047	ZNBC-R. 1, Lusaka. Vn, tribal songs. 25331 (CGS)
5915	Sep20	1135	Myanmar Radio. EZL pop music and announcers in vernacular. Even though poor reception, was still usable at this time, before the strong *1200 of CRI; QRN (static). My audio at <a href="http://bit.ly/2m1F40e">http://bit.ly/2m1F40e</a> . (Ron Howard, Asilomar State Beach, CA, WOR iog via DXLD)
5945	Sep8	0921	R.NZi, Rangitaiki. E, mx px Sunday Night. F/out 1005. 25432 (CGS)
5950	Sep9	0345	Voice of the Tigray Revolution, Addis Ababa Tigrinya talk (AP-DNK)
5950	Sep8	1752	Voice Of Tigré Revolution, Geja Jawe. Vn, HoA songs, tks, phone-ins. 45343 (CGS)
5980	Sep14	2320	R. Chaski. Música de himnos cristianos, luego ID: "Red Radio Integridad", luego reflexiones de un texto bíblico e ID a las 2335 y hora local de Perú. Interferencia de Tv Martí en la misma frecuencia. (Claudio Galaz, Barraza Bajo, 4° Región, Chile via ListaConDig)
5985	Sep20	1129	Myanmar Radio. Live sports coverage (TV audio feed) of the football/soccer match between Myanmar (under 16) and South Korea (U16); sound of the crowd in the background; held at Thuwanna Stadium, Thingangyun Township (Yangon), Myanmar; preempted regular programs (so no Friday edition of "Learning English with BBC, Burmese" today); ended musical half time filler at 1233 and back to the match. Normally this frequency starts regularly sometime between 1115 through 1130. (Ron Howard, Asilomar State Beach, CA, WOR iog via DXLD)
5995	Sep19	2118	R.Mali, Kati. F, local songs. 55444 (CGx)
6005	Sep21	0910	R Slovakia, via Shortwaveservice, Kall-Krekel English talk (AP-DNK)
6070	Sep21	0915	Channel 292, Rohrbach English ann, English pop songs (AP-DNK)
6070	Sep13	0020	CFRX Toronto some news items, mention of John Bolton ex.... (Wilkner)
6085	Sep21	0920	R Mi Amigo Int., Kall-Krekel English ann, pop songs (AP-DNK)
6090	Sep9	0350	Voice of Amhara State, Geja Jewe. Amharic. QRM VOA Botswana on 6080 (AP-DNK)
6090	Sep8	1754	Voice Of Amhara State, Geja Jawe. Vn, HoA songs. Blckd. by DRM sig. 45343 (CGS)
6110	Sep9	0355	R Fana, Addis Ababa, Afar ann, Horn of Africa songs QRM R Japan on 6105 AP-DNK)
6150	Sep21	0925	R Marabu, via R Europa 24, Datteln English ID, pop songs (AP-DNK)
6190	Sep21	0930	Hamburger Lokalradio, Göhren German ann, jazz (AP-DNK)
6520	Sep20	2202	Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed; also occ. USB QRM. 34342 (CGx)
7254.94	Sep20	*0549-	VON. Suddenly on with repetitive African music/singing; 0557, start of their unique IS; strong signal (Ron Howard, Asilomar State Beach, CA, WOR iog via DXLD)
9180.1	Sep20	2204	Sound Of Hope R Int'l (cland.), unk. site. Mand to CHN, tks. 25442 (CGx)
9230	Sep20	2206	Sound Of Hope R Int'l (cland.), unk. site. Mand to CHN, tks. 15341 (CGx)
9630.4	Sep11	2058	R.Aparecida, Aparecida SP. Anns., mass at 2100. Inaudible or off on // 11855v. 35443 (CG)
9635	Sep9	1305	R.Mali, Kati. F, nx, Vn afterwards. Off the air at least till abt. 1205. 45444 (CGS)
9650	Sep9	1151	R.Guinée. Vn, tks & phone-ins, Afr. pops, nx in F at 1300. Vy. weak & faulty audio at times. QRM de ARS. 44444 (CGS)
9664.9	13/9	2101	R.Voz Missionária. Rlgs. propag. 35443 (CG)
9730	Sep20	-1127*	Myanmar Radio. In vernacular; mostly indigenous music; suddenly cut off. Normally off the air close to 1130*. My audio at <a href="http://bit.ly/2m5nA2W">http://bit.ly/2m5nA2W</a> (Ron Howard, Asilomar State Beach, CA, WOR iog via DXLD)
9818.4	Sep8	0933	R. 9 de Julho, São Paulo SP. Rlgs. propag. Adj. QRM de CHN on 9820 at 1000. 25342 (CGS)
9920	Sep20	2207	Sound Of Hope R Int'l (cland.), unk. site. Mand to CHN, tks. 15331 (CGx)
11665	Sep8	0943	Wai FM via RTM, Kajang. Malayan dialect, songs, tks, pops. F/out 1025. 25332 (CGS)
11815	Sep8	1137	R.Brasil Central, Goiânia GO. Folk songs px Goiás Caboclo. 15341 (CGS)

11855.7 Sep7 1414 R.Aparecida, Aparecida SP. Tks. Adj. QRM. 23341 (CGS)  
 11895.2 Sep8 1410 R.Boa Vontade, Pt.° Alegre RS. Tks. 15341 (CGS)  
 11769.903 Sep9 2033 VON one of better 25mb signals at this time, S9-S7 but very undermodulated, can't tell the language but presumably not English. Must also check here when 7254.9 be missing for the 0600 broadcast, as Ivo Ivanov found it on instead, ``Voice of Nigeria on wrong 11770v, instead of 7255v kHz, September 10 from 0600 Hausa, from 0700 Fulfulde and upcoming from 0800 English`` (Glenn Hauser, OK)  
 15805 Sep7 1416 World Music R, Randers. Songs & mx, IDs in sev. langs. 35443 (CGS)  
 15475.971 Sep18 1811 JBA carrier measured from LRA36, Radio Nacional Arcángel San Gabriel, Base Esperanza. I frequently seek this but first detection in a long time. Adrian Korol of RAE has notified me in Spanish that LRA36 will make a special broadcast, Sat Sept 21 at 1300-1415 UT for the first day of spring, and ahead of station's 40th anniversary on Oct 20. Special e-QSLs are offered for correct reports to [lra36@hotmail.com](mailto:lra36@hotmail.com) Also invites greetings, comments and suggestions to same address ahead of the program to be read during it. He does not mention remote receivers, so I guess those are acceptable (Glenn Hauser, OK)



**Radio OZ-Viola**  
 E-QSL 5825 kHz. on Short Wave Denmark   
 Music in the air

*Thanks for your report \*\*\*\*\**

Your location: B-8630 VEURNE BELGIUM.

To: Hugo Matten  
 Date: 15-12-2018  
 Time: 12:58 - 13:55 UTC  
 SINPO: 25233  
 Comment: Receiver: Perseus SDR Ant: Dipole 22.8 meters long.

Homepage: <http://ozviola.dk/>  
[jansteendk@hotmail.com](mailto:jansteendk@hotmail.com)

**The good old AM Sound...**  
 From a legal radio station...

**Checked some outlets at 01 - 02 UT on Sept 16 on remote SDRs in Delhi India and Doha Qatar.**

4010.215 Kyrgyz Birinchi Radio, Bishkek at 01.27 UT, JBA -96dBm.  
 4799.997 AIR Hyderabad S=9 or -69dBm at 01.28 UT.  
 4810.007 AIR Bhopal at 01.31 UT, S=9+25dB, as usual best AIR India domestic transmission sound. Excellent technicians work.  
 4905 PBS Xizang in Tibetan language from Lhasa Baiding Tibet site, S=9+5dB powerful signal in Delhi, India SDR unit, flute mx at 01.34 UT on Sept 16.  
 4910.002 AIR Jaipur, S=9+25dB or -55dBm strong signal at 01.35 UT, nice signal though.  
 4920.005 AIR Chennai, signal power level, S=8-9 or -80dBm flute mx at 01.38 UT UT.  
 4949.996 AIR Srinagar Kashmir, in Hindi language, S=9+5dB level, high noise level in India at 01.39 UT.  
 5009.998 AIR Thiruvananthapuram. S=8-9, at 01.40 UT on Sept 16 in Delhi India.  
 5040.004 AIR Jeypore, noisy S=5-6, at 01.43 UT.  
 5930 BBC London Dari language scc via ORS Moosbrunn bcst center S=9+35dB on remote SDR in Doha Qatar. Two accompanied 100 Hertz symmetrical strings visible either sideband. 11.2 kHz wide audio block visible on screen at 01.45 UT.  
 5970 BBC London English language scc via CJSC Yerevan Gavar, S=9+5dB or -68dBm signal strength, at 01.48 UT on Sept 16.  
 5979.992 RRI Bucharest in Romanian, at 01.52 UT via Galbeni site, \\ 7420 kHz at S=9+15dB signal strength.  
 7380 AIR Sinhi probably from Bangalore, BUT DISTORTED terrible audio sound, OVERMODULATED at S=9+45dB or -30dBm, at 01.58 UT.

(wb df5sx, wwdxc BC-DX TopNews Sept 16)

## Pirate stations:

3495AM	Sep17	0230	RCW-Radio Compañía Worldwide. Programa de humor, luego saludos a los oyentes y espacio de música del recuerdo. (Claudio Galaz, Barraza Bajo, 4° Región, Chile via ListaConDig)
3905	Sep8	2033	R.Elvis (t) - pir. Pops. T-ID via DX press. 35332 (CGS)
5780	Sep9	1023	Harmony R - pir. Mx. 15341 (CGS)
5810	Sep8	2035	Free R Sce. - pir. Du/E, pops, tks, Dutch p.o.box nr. ann. 35343 (CGS)
5825	Sep11	2104	R.OZ-Viola (t), Hillerød. Mx, songs. T-ID via DX press. 15341 CG
6205	Sep19	2113	Laser Hot Hits - pir. E, pops, tks. 35342 (CGx)
6274.9	Sep7	2233	R.Black Bandit - pir. Du/E, c&w, tks. 35343 (CGS)
6284	Sep7	1816	R.Joey (p) - pir. Pops. 35231 (CGS)
6295	Sep8	1737	Reflections Europe - pir. E, rlg. propag. pxs. // 12255. 35241 (CGS)
6985AM	Sep16	1740	RCW- Radio Compañía Worldwide. Programa acerca de las emisiones de onda corta desde España y hacia España durante la Guerra Fría, especialmente del papel de Radio Exterior de España, el Centro de transmisiones en Pals usados por Radio Liberty y de las emisiones realizadas por el Partido Comunista de España. A las 1800, se emite el programa: "Frecuencia al Dia", luego el programa "En Contacto" de Radio Habana Cuba con informaciones diexistas.. (Claudio Galaz, Barraza Bajo, 4° Región, Chile via ListaConDig)
12255	Sep8	1407	Reflections Europe - pir. E, rlg. propag. pxs. 25342 (CGS)

## Contributors to the log:

wb, Wolfgang Büschel, df5sx, wwdxc BC-DX TopNews, DXLD, DXPlorer, A-DX Glenn Hauser, Enid, OK, USA (also from WOR&DXLD) Ron Howard, Asilomar State Beach, CA, USA AP-DNK, Anker Petersen, Skovlunde, Denmark CB, Christer Brunström, Halmstad. Sweden TN, Thomas Nilsson, Ängelholm, Sweden	(CG)/(CGS), Carlos Gonçalves, Lissabon, Portugal (CGx), Carlos Gonçalves, loggings in the Beira Baixa province. Manuel Méndez, Lugo, Spain Claudio Galaz, Barraza Bajo, 4° Región, Chile via ListaConDig
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((CG)) = **Lisbon**. JRC NRD-545DSP & PERSEUS *sdr*; homemade amp. (W7IUV version); 20 m & 16.7 m T2FDs, 5 MHz dipole, 6x19x6 m Ewe 135°, raised, 4 loop K9AY

((CGS)) = **SW coast** JRC NRD-545DSP & DRAKE R8-E; *Advanced ReceiverResearch* amp.; 20 m T2FD, 30 m 180°/0° mini-Bev., 80 m 300°/120° Bev., 200 m 270°/90° Bev., 270 m 145°/325° Bev., 300 m 225°/45° Bev., raised, 4 loop K9AY.

## Station news

### RUSSIA. Far East and Chukotka.

Throughout the territory of Chukotka in digital mode launched a short-wave digital broadcasting 09/19/2019

In the region, a digital radio broadcast has been launched in test mode. To determine the possibilities of covering HF broadcasting of the territory of the Chukotka Autonomous Region, a musical loop was broadcast to configure the equipment and determine the signal reception.

It turned out that Chukchi radio could even be caught in Japan, as a radio amateur named Hans said in his letter, who also wished the region success in implementing the project.

This year, the Government of Chukotka, together with specialists from the Far Eastern Regional Center of RTRS, launched an ambitious project to cover almost 100% of the region's territory with short-wave digital broadcasting. The corresponding agreement was signed by the Governor of Chukotka, Roman Kopin, and the director of the branch of the RTRS "Far East RC" Stanislav Kuznetsov. The document is a continuation of the effective cooperation of the parties in the transition to digital broadcasting in the district.

- We constantly have in these remote places two thousand residents who need to be provided with communication services. Subsoil user projects are also being implemented outside the boundaries of settlements, transport communications are provided in territories that are not provided with communications. The Northern Sea Route also requires attention. These new solutions will remove restrictions and ensure communication where it is needed," said Governor Roman Kopin.

In Chukotka, broadcasting on the territory outside the settlements is especially important, as it provides communications for miners, geologists, reindeer herders and hunters working in the region with a population density of 0.07 people per square kilometer.

Test broadcasting is carried out at a frequency of 12025 kHz in analog (AM) and digital DRM format. In addition to delivering a radio program to listeners, the project lays the foundation for creating a technology platform for global one-way data transfer, similar to one-way Internet.

Using the DRM platform allows providing residents with high-quality sound and makes it possible to synchronously transmit programs in the national language. In addition, the format opens up the possibility of targeted notification, as well as the use of the platform for operational, duty and dispatch services, as well as projects for the informatization of the Arctic territories and the Northern Sea Route.

By 2020, it is planned to provide 95.5% of the territory of Chukotka with short-wave broadcasting.

Source: [http://chukotka.rf/press-tsentr/novosti/?ELEMENT\\_ID=4084](http://chukotka.rf/press-tsentr/novosti/?ELEMENT_ID=4084)

(<https://vk.com/vcfm2014>)

(RUS-DX # 1047 via Anatoly Klepov)

## Other radio news

### 100 YEARS OF RADIO IN GERMANY FROM KÖNIGS WUSTERHAUSEN

<https://100jahrerundfunk.de/english/>

On December 22nd 1920, something remarkable happened in Koenigs Wusterhausen. For months, engineers have attempted to transmit speech and music using an arc converter in Senderhaus 1 of the Funkerberg (the Koenigs Wusterhausen radio tower). On that Wednesday, they finally succeeded – at 2pm in the afternoon, the radio transmitter went online.

“Hello, hello, this is Koenigs Wusterhausen on Wave 2700” – those were the first words of the first radio broadcast from Germany. That broadcast is considered the dawn of radio in Germany.

A hundred years later, remarkable events are taking place at the Funkerberg again.

100 years of broadcasting are celebrated for the duration of the year. A hundred years of broadcast can be experienced in the Sender- und Funktechnikmuseum (museum of radio and broadcasting technology). The museum’s own radio station, welle370, demonstrates medium wave broadcasting on a monthly basis. And each month, the Funkerberg hosts a unique radio-themed event. <http://100jahrerundfunk.de/hoehepunkte/>

Much has changed in the last 100 years in radio broadcasting. But the fundamentals have remained the same: the transmission of speech and music for the listener. Everything else is left to the imagination of the audience – to this day, that is the magic of radio broadcasting.

“Radio from the birthplace of broadcasting” – with this motto, we are inviting stations from around the world to broadcast from the cradle of radio transmission. For this purpose, we will provide a small studio setup, to allow radio program production and transmission to the home studio via internet at any time. Recording can be done with a small amount of studio guests in the room showing the 250.000 watt medium wave transmitter, or with an audience of up to 120 people in the historic “Kultursaal” hall.

The history of radio broadcasting is a history of communication. The Museum für Kommunikation Berlin (Berlin museum of communication) is honoring our theme of “100 years of broadcasting” with a special exhibition:

The Museum for Communication Berlin will open the exhibition ‘100 years of radio broadcasting’ in September 2020. The exhibition looks at the receivers (and under their hood), presents creators, significant locations of radio history and the radio content that people have been listening to since 1920. It documents a democratic medium and the fractures and disruption that it experienced and survived. The visitors are asked to participate: what does radio mean for you?

In September 2021 the exhibition will be shown at the Museum for Communication Frankfurt.  
(paul gager, vienna, bdx-news iog via DXLD)

### [NORDX] Bilder från Orlunda radiostation (Vadstena)

Stort intresse när allmänheten fick tillfälle besöka Orlunda långvågsstation. Se mer info här:

<https://www.hamnews.se/2019/09/10/stort-intresse-nar-allmanheten-fick-besoka-orklunda-langvagsstation/#more-31000>

(Lennart Deimert via NORDX)

*Erik Klasén guidar och visar en av koaxialkablarna för besökarna på Orlunda Radiostation.*

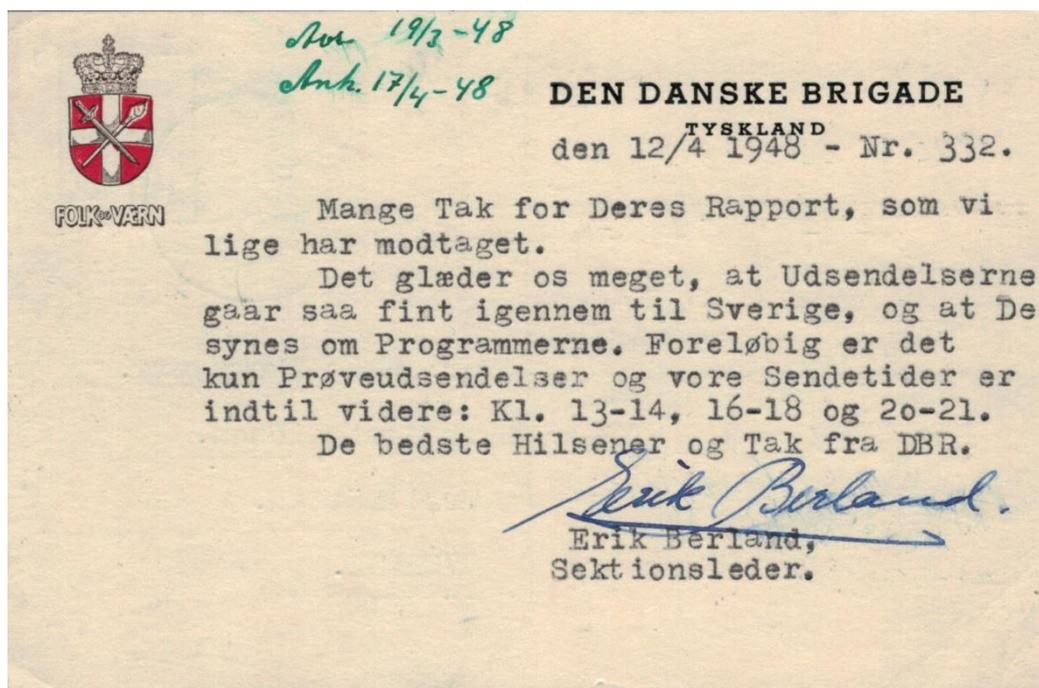
FOTO © Janne SM5SUH.



## DX Nostalgia

Här kommer en raritet ur Stig Skogsbergs samling.

Den Danske Brigade i Tyskland. Läs mer här: <http://www.jdrhistorie.dk/64399028>



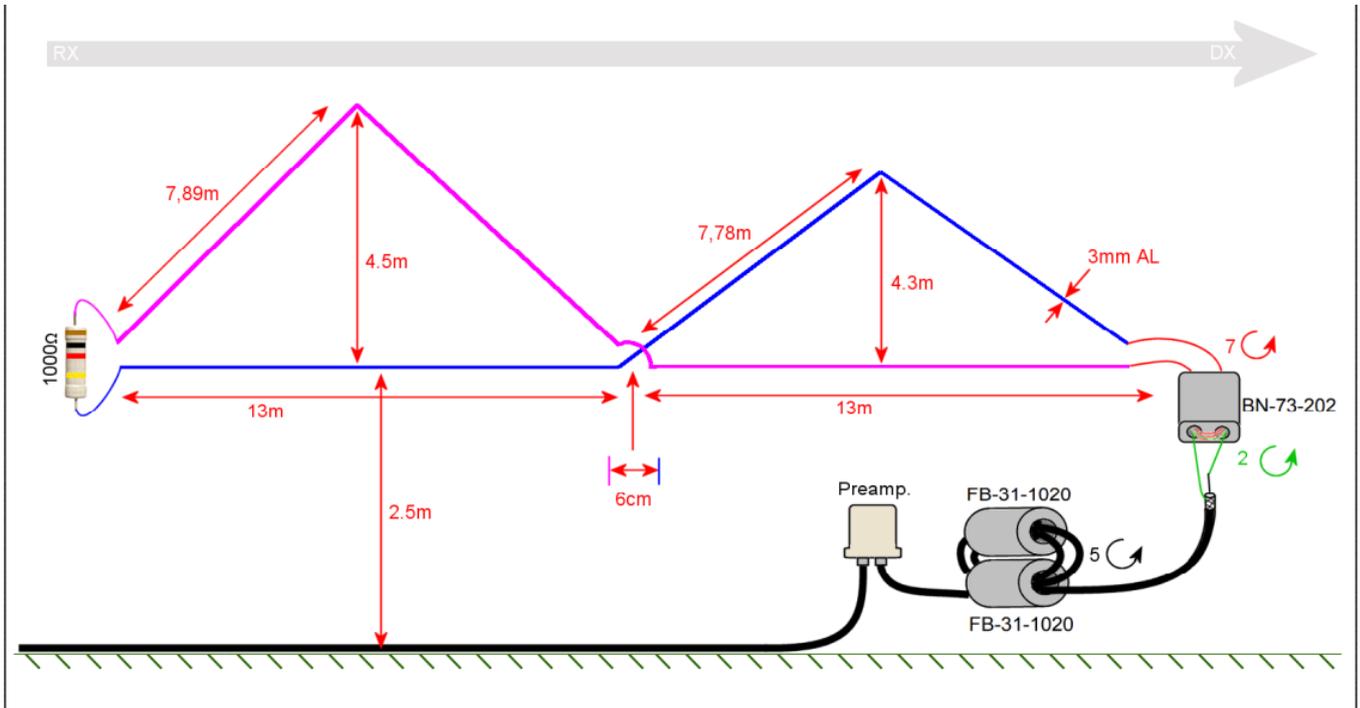
(73 de DAN Andersson i Delsbo)

## [RealDX] LIRA antenna

Since there are a number of MW dx'ers on the group I want to present you a very nice antenna that I build recently. It is called the LIRA and is a design by Jukka Klemola, OH6LI, which is originally made with the 160 and 80 meterbands in mind. I have made small alterations to use it for MW. In the video you will see a comparison with a 200m Beverage. The LIRA is only 26 meter long and shows superior back and sidelobe attenuation. I used a vactrol control to fine tune its action and a Amplifier to boost the signal as the LIRA does make less signal due to its specific design. This means that radios with lower dynamic range will almost not be overloaded.

Here is the link to the video: <https://www.youtube.com/watch?v=1lm69Vxq4k0&feature=youtu.be>

You can read the explanation of what's happening on the YouTube comments.



Here are two video's about the LIRA antenna. One is a overview of the antenna and the other is a seminar from Jukka Kle-mola about low band antennas in wich the LIRA is commented among others.

<https://www.youtube.com/watch?v=RD4eHV1811A&t=4157s>

<https://www.youtube.com/watch?v=h0ozzTeA6Ak>

I started building the antenna with only the LIRA diagram at hand and got some mails from Jukka that guided me along the way. I just had the diagram and started from there. Instead of 4mm aluminium wire I used old US army telephone wire that was on hand.

Its really easy to build and there are no difficult parts. Just follow the design exactly and you can make little changes later if needed. I use a vactrol control instead of a fixed resistor at the back of the LIRA. Be shure to use the exact ferrite models or you will get into some troubles. I RG174 from he balun until the amplifier. After the amplifier a RG6 (75 Ohm) coax is used to the radio. As an aextra I also made the same common mode choke at the end of the coax near the radio.

(73' Ron Liekens, Belgium via RealDX)

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This looks the same as a Double Delta and/or D-Kaz antenna, a very popular antenna among MW DX'ers, leveraged off the DHDL design. See <https://www.bamlog.com/deltacompare.htm>  
(Bruce Conti via RealDX)

## CARRINGTON EVENT: SOLAR STORM OF 1859

On this day 160 years ago Richard Carrington and Richard Hodgson observed and recorded an immense white flare eminating from the Sun. This event turned out to be three days later a geomagnetic Solar Storm of the highest intensity. Telegraph operators received electric shocks, the equipment threw sparks, and in some cases the regional telegraph system operated without batteries (by itself). There are accounts of the newspaper of the day being read at night without lamps or light.

Considering the advanced state of electricity today, whole regions of Northern Europe, Asia, and North America might go dark for a long period of time. South America, and Australia/New Zealand would also be affected to lesser degree, but serious. The long power trans-mission lines build up a large voltage over the length. Standard telephone lines also are vulnerable. Satellites in orbit have no atmospheric protection from the intense radiation, and may be knocked out of commission permanently. An astronaut on the Moon or in transit could receive a deadly dose of such radiation (beta, gamma, and cosmic). In short, this would be a disaster of trillions of dollars damage, and conceivably many years to repair if this happens in the 21st Century.

Links: <http://www.solarstorms.org/SS1859.html> For newspaper accounts. About 2/3 down is the telegraph reports.

[https://en.wikipedia.org/wiki/Solar\\_storm\\_of\\_1859](https://en.wikipedia.org/wiki/Solar_storm_of_1859) For the general article cited here.

Regards (Paul S. in CT, FN31nl, Aug 28, WOR iog via DXLD)

## THE SHORTWAVE RADIO AUDIO ARCHIVE

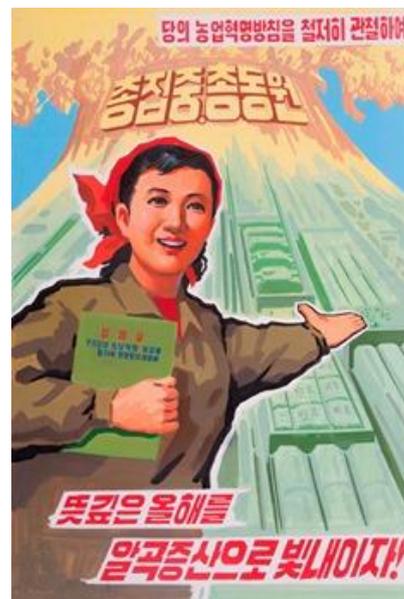
The Shortwave Radio Audio Archive (SRAA) is a collection of shortwave radio recordings that you can download or [listen to as a podcast](#). The collection grows every day and includes both historic recordings and current recordings from the shortwave radio spectrum. [shortwavearchive.com](http://shortwavearchive.com)

The goal of this site is for shortwave radio enthusiast to have a place to store, archive and share their radio recordings with the world.

The following recording comes from the aircheck archives of The Professor - The late Michael Pool. According to Michael's notes, the following recording of the Voice of Korea was made on March 25, 2005 at 0300 UTC on 9345 kHz. The reception location was likely New York City. No other notes were included with this recording.

[Voice of Korea: March 25, 2005 — The Shortwave Radio Audio Archive](#)

(From The Shortwave Radio Audio Archive)



## IRCA MEXICAN LOG, 22ND EDITION (WINTER 2019) -

now available! Just in time for the upcoming DX season!!!

The IRCA MEXICAN LOG lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. Also, in this edition, there is a spread sheet with links to web sites, live broadcasts and facebook page of many of the Mexican stations. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11".

The 2019 Mexican Log .pdf is posted on the IRCA website for all to download. The link is:

[https://www.ircaonline.org/editor\\_upload/File/2019%20Mexican%20Log.pdf](https://www.ircaonline.org/editor_upload/File/2019%20Mexican%20Log.pdf)

For those preferring a hard copy, one can be ordered from the IRCA Bookstore. Prices: IRCA/NRC members – \$5.00 (US), \$6.00 (Canada) \$8.00 (México), \$9.00 (rest of the world). Non-IRCA/NRC members – add \$1.00. To order from the IRCA, send the correct amount (in US funds payable to Phil Bytheway) to: IRCA Bookstore, 9705 MARY NW, SEATTLE WA 98117-2334. Or, order through PayPal to Email: [phil\\_tekno@yahoo.com](mailto:phil_tekno@yahoo.com) Please state club affiliation when ordering. Feel free to pass this along to any other eGroup you feel might be interested (Phil Bytheway/Tim Hall - editor! Sept 3, IRCA iog via WORLD OF RADIO 1998, DXLD)

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This is a monumental piece of research, as Tim Hall has contacted or attempted to contact, or find website, FB info about virtually every station, tracking the fast-changing Mexican MW scene, and for the first time is available free, online, interactive! (Glenn Hauser)

## NATIONAL NC-183D RESTORATION UPDATE [continued]

Guyz, Made more progress on the 1952 National NC-183D yesterday. Got the rest of the tubes that I didn't have so now the radio has all new old stock tested tubes including an excellent pair of GE 6V6GT push pull output tubes.

Radio now operates as it should with an accurate S meter. WXGR 540 "The Goat" comes in as well as it does on the Flex and WDGY 740 sounds great with full audio. And, I haven't even aligned it yet!

What's really cool is that the NC-183D was \$369.50 in 1952 before I was born. That's \$3577.47 in today's dollars, so a lot of hams in the 50's had deep pockets for just the receiver. Transmitters were less expensive than receivers but you still needed one.

My EAC 1967 contract R-390A sold for \$1700 to the public in 1970 which is \$11,241.51 today. I compare that receiver development as the ultimate in tube technology to the Douglas DC-7C or the Lockheed Constellation as the ultimate piston engine airplane technology.

It's great fun to get this old technology up and running. 73, (Paul W0AD Staupe, Minnetonka, Aug 31, Minnesota DXC yg via DXLD)

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Paul, Do you have the "wand" to align the coils? I never had one to do a proper alignment on mine so I left it. Fortunately, the radio is very selective and sensitive the way it is so I left it alone out of fear of only making it worse. Best regards, (Pete KC0VSW Reiter, Sent from my iPhone, ibid.)  
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Good point, Pete! I had one but I'll bet it got lost in the move, so I ordered a set on eBay for \$6.99 including shipping. Do a search for Velleman VTPT 6-PC PLASTIC TUNING NEEDLE SET.

You're right, I'm so pleased with the performance right now that I hate to touch it, but it's good to learn how to do it. My treble-bass control doesn't do too much although it does work somewhat. Does yours? Best regards, (Paul WOAD, *ibid.*)

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The Rohde & Schwarz EK-07 receiver should be part of any discussion about the ultimate in tube communications receivers. It was built to the standards of very high grade test equipment. It was a beast, both physically larger than the R-390A, and weighed 146 lbs. There were articles about it in the January 2000 and February 2014 issues of Electric Radio.

The National FRR-59A was envisioned to replace the R-390A. The beast weighed about 250 lbs. It was not a successful receiver. There were serious reliability issues due to the complexity and heat which was generated. It was probably an over-reach for vacuum tube technology. (John KCOG crabtreejr, *ibid.*)



I agree wholeheartedly with John; The EK-07 is definitely more advanced than the R-390A. I should have prefaced my note by saying "in my experience..." I think the National FRR-59A was housed in a 6' relay rack as I remember. BTW, after a few months at the new house, we're all moved in so hope to see everyone at the next meeting. (Paul WOAD Staupe, *ibid.*)

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Sunday 9-1-19 --- From the Sublime (Paul's fine receiver) to the ridiculous (the one mentioned here)

Saturday I got an RRS RS-905 AM/FM/SW1/SW2 radio.

It is 7.5"W x 4"H x 2"D. It is wide enough that it won't tip over in normal use. The antenna is 23" long. SW coverage is 3.2-10.0 MHz and 10.0-22.0 MHz. It is an analog receiver and the frequency readout accuracy is, well, not so much. But what does one expect for an inexpensive radio? It runs on either 2 D batteries, or a built-in (not user accessible) rechargeable battery, charged via a USB-mini cord.

I tried it out on SW about 8 pm Saturday evening, tuning up the dial. I heard WRMI's broadcast of World Adventist Radio's DX program, in which the program host at 0113 GMT Sunday, was talking with a former MDXC club member and President - Kim Andrew Elliot! - Nice inauguration of my new radio!

Experimenting with antenna length, I found that I could receive the

broadcast well with the antenna fully retracted!

Since I didn't know the frequency, I turned on the Tecsun PL-380 to help identify it, which turned out to be 5850. Reception on the PL-380 was about the same as on the RS-905. Not bad for a new-in-the-box radio that costs a mere \$10! (Ted Holman, *ibid.*)

-----  
Paul, Sadly, its been quite a while since I turned it on so I don't remember how well the tone control worked on that radio. As I recall mine was a more trebly sounding radio in the stock configuration. That is fine with me because it helps me to id weak signals better. Eric and I modified my 183 non-D for more bass by playing with cap values in the final audio amp. That tone control worked pretty well as I recall. As a result, my non-D sounds better with a clear signal but the D is a way better performing radio with regards to both sensitivity and selectivity.

I did try to align the non-D after rebuild and was unsuccessful. I couldn't get one of the adjustments to peak. It would only plateau. This was another reason for leaving the D alignment alone.

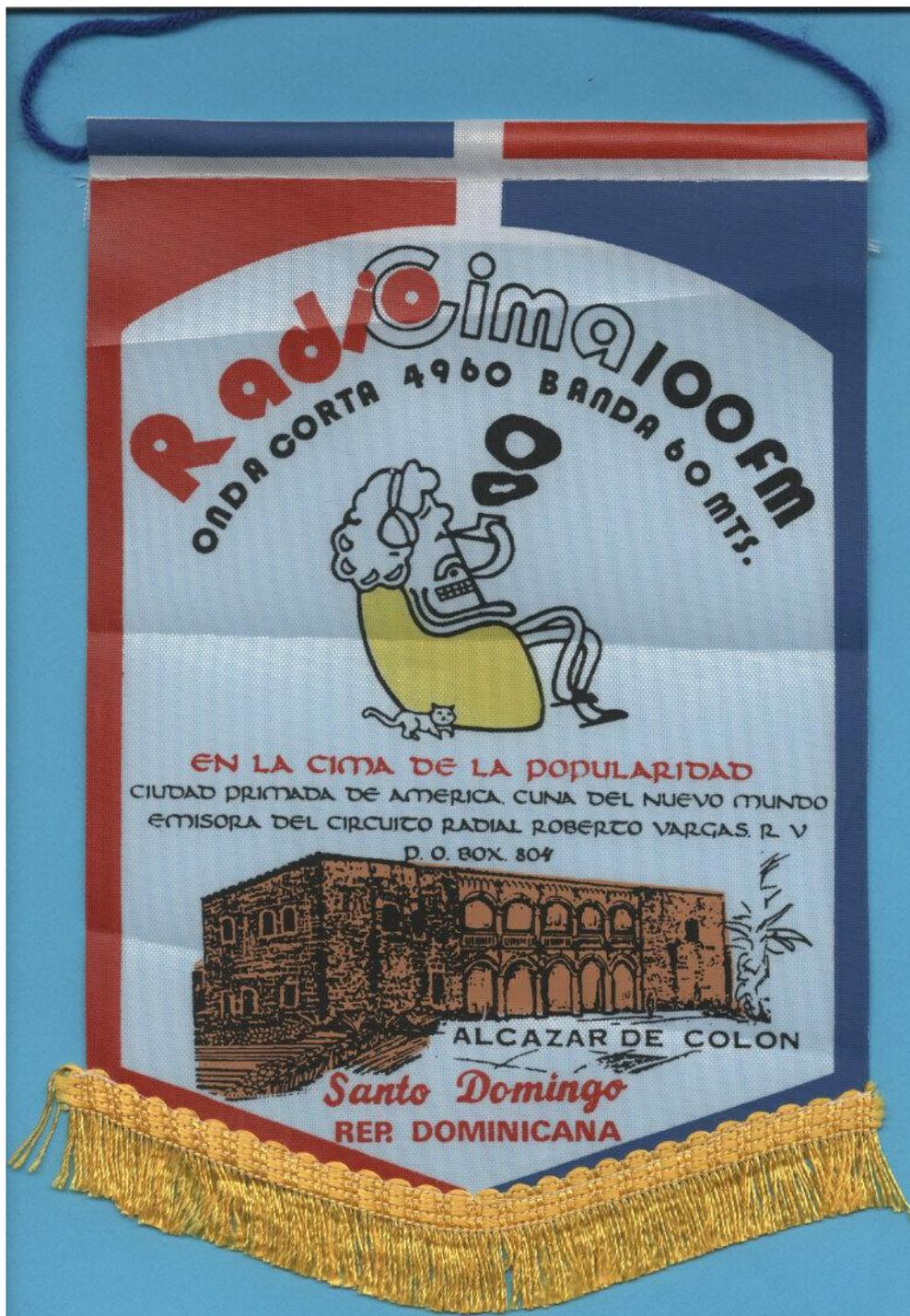
One more thing I just remembered. I love these radios because they are relatively easy to work on and they work wonderfully when done correctly. But National used resistors that are extremely prone to drifting after a while.. I had to recheck and replace some more of these resistors during and after the initial burn in. Something you might want to check on your radio. Meanwhile, I'm glad you're enjoying your "new" radio. (Pete KCOVSW Reiter, Sent from my iPhone, *ibid.*)

Thanks Peter for the info. I have gone through several listening sessions and it does appear as though the tone control is better now but it's still not bassy enough. I'm using a Jenson 400 ohm speaker that I saved from my SP 400 that was a basket case. I might try to get an eight ohm two way speaker and see how that sounds.

I was glad to see that all 19 of the problem caps had been replaced and even happier to see that a majority of the resistors were also replaced so the radio is now virtually new. It has the original power transformer and the sages say to keep the 5U4GB rectifier in there rather than solid-state it because the transformer heats up even more due to the sharp square wave cut off of SS rectifiers so I am considering putting a whisper fan on the back just to keep things cooler. (Paul Staupé, *ibid.*)

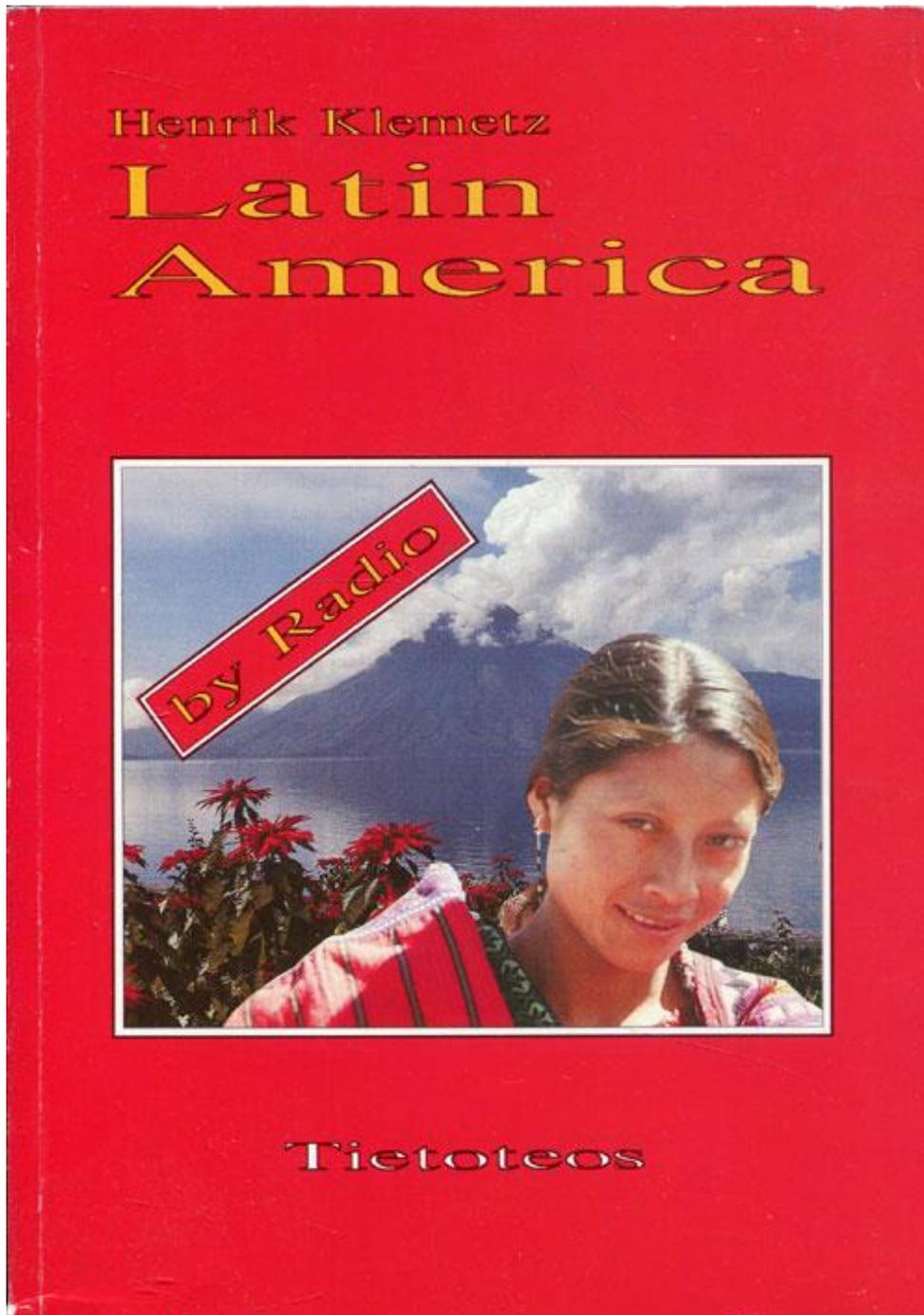
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What's cool about this receiver is that it has provisions for both 400 and 8 ohm speakers, so you're right! (Staupé, *ibid.*)

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The matching speaker from National was 8 ohms (Peter Reiter, Sent from my iPhone, *ibid.*) IIRC, I think that is supposed to be an 8 ohm speaker. That said, my rememberer isn't what it used to be. 😊 (Reiter, Sent from my iPhone, *ibid.*)  
(All items via DXLD)



## DX nostalgia

It is indeed a strange feeling writing about DX nostalgia, knowing that our friend Henrik Klemetz HK sadly passed away earlier today after a long illness. Henrik was one of Sweden's top DX-ers, a good friend and a foremost authority on the subject of LA-DX-ing. So I suggest that this time we start with presenting a book. Yes, it is definitely DX nostalgia but moreover, it contains a wealth of information on the subject of Latin American DX-ing. If you don't already have it – go get it. And when you read it and use it in your hobby, do remember our friend Henrik who is sadly no longer with us physically. The book is entitled 'Latin America by radio' and was published in 1989 by the Tietoteos Publishing Company in Espoo, Finland. ISBN 951-9035-93-1. Rest in peace, Henrik. Thank you for all your good work for the DX community over the years.

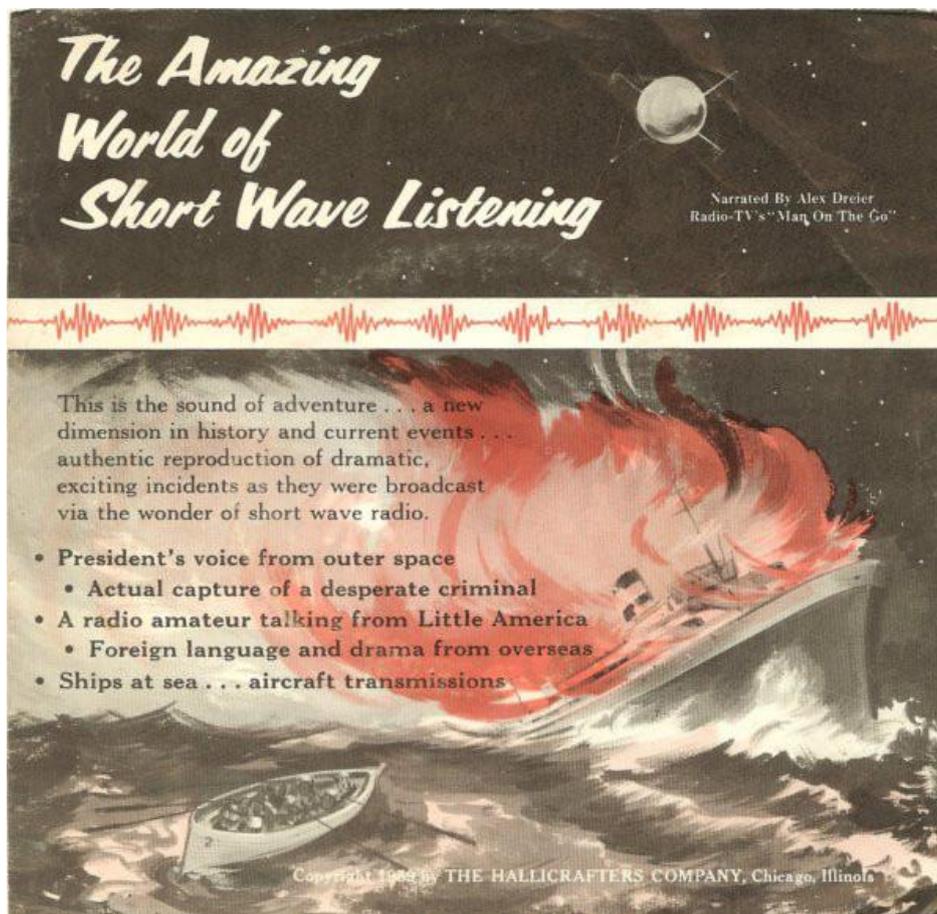


Old vinyl records are definitely nostalgia. This EP was produced by the radio manufacturer Hallicrafters Co. in 1959 and is narrated by newsman and actor Alex Dreier. He was born in Honolulu on June 26th 1916. After graduating from Stanford University in 1939 he went into journalism, and was covering Berlin for United Press when he joined NBC in 1941. During his year in Berlin he was under surveillance by the Gestapo, and he left the city one day before the Pearl Harbor attack.

Dreier was known as Chicago's "Man on the Go" and was the city's top TV anchor during his years on NBC-owned WNBQ-TV. He showed courage at a time of racial tension on Chicago's South Side, when major streets served as de facto racial dividing lines. If a black family dared move even one block across one of these lines, the neighborhood would react as though it were under siege (in part because they knew real estate agents would quickly move in to "change" the entire neighborhood, resulting in a considerable drop in area home prices. The longer one waited to sell, the less one would get for one's house).

One night, Dreier began the most memorable broadcast of his career with words like, "The streets of one South Side Chicago neighborhood are quiet tonight, because of the decision of one black family" (not to move in after all). Dreier then blasted the white demonstrators who gathered around the black family's house. Pressure was put on his sponsor, Meister Brau Beer, which was thereafter removed from many white neighborhood taverns and liquor stores in the area. The white backlash against this broadcast probably ended Dreier's career as a news anchorman in Chicago.

A number of copies of this EP are up for sale on Discogs <https://www.discogs.com/sell/release/2800774?ev=rb>



Another radio related EP. This one contains jingles from the Swedish offshore station Radio Nord which broadcast on MW 602 kHz from the m/v Bon Jour anchored in international waters off Ornö in the Stockholm archipelago. The record was released on the Hör label which was operated by musician and music publisher Henry Fox. Henry worked on Radio Nord and after a short spell as programme director he could focus his energy on what he did better than anybody else: arranging and recording jingles and promo spots for the station. There was a basic team of wellknown musicians recording these jingles, including members of the famous Swedish vocal group Gals & Pals.

After the close-down of Radio Nord, Henry was for a while acting as a consultant when British offshore station Radio Atlanta was set up by Australian music publisher Alan Crawford and the two gentlemen had further collaboration over the years, with many of Crawford's artists being released on the Hör label. The ship would later be known as Mi Amigo, first broadcasting as Radio Atlanta and after a merger with Radio Caroline it changed its name into Radio Caroline South.



More Radio Nord nostalgia – a station sticker:



A photo from the studio of OTC in Congo-Brazzaville. This is from the collection of Claës-Wilhelm Englund CWE.



Finally a QSL card from the above station. It was received by Jan-Erik Räf JER in 1950.

