

SHORTWAVE BULLETIN

Issue no. 1781, Sept 29, 2013.

Deadline e-mail next issue: 0900 UTC, Oct 13, 2013.

Sommaren tog slut med en enda i början av veckan. I morse hade vi frost på gräsmattan för första gången i höst.

I detta nummer finns en massa tips men nästan inget från de svenska medlemmarna, vilket känns riktigt trist. Nog sjutton är det någon som drar över bandet vid något tillfälle och hör någon av de få stationer som är kvar. Dessutom händer det väl lite annat som är värt att skriva några rader om? Gör som JOE, skriv några rader om ni varit ute och rest.

Vi skulle dessutom behöva hjälp med övertonen på 4710. Det kan väl inte vara så att jag är den ende som hör denna på den här sidan av pölen?

En annan station som ju inte är så vanlig är 6010 R Mil i Mexico. Tack vare Ron Howard's tips kollade jag frekvensen under några dagar och där fanns något som passade väl in. R Mil är inte lätthörd pga den svaga signalen och ganska kraftiga störningar från Conciencia.

Keep on

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SWB-info

SWB online på HCDX:

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

SWB member information:

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

SWB anniversary issue:

http://www.hard-core-dx.com/swb/SWB_history.pdf

Dateline Bogotá 1993-1998:

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

SWB latest issue:

<http://www.thomasn.sverige.net/password.htm>

QSL, kommentarer, mm.

Chuck Rippel: Been a bit of a slow start to the Season....

Lars Skoglund: Rádio Voz Missionária 5940 svarade med snyggt certifikat, infofolder och tidning. Detta svar var nummer 2 på samma rapport.

Anker Petersen: Dear DX-friends, just a few loggings this time, since we still have excellent late summer weather here in Denmark, so not much time for radiolistening. My receiver is as usual the AOR AR7030PLUS with 28 metres of longwire. Location Skovlunde.

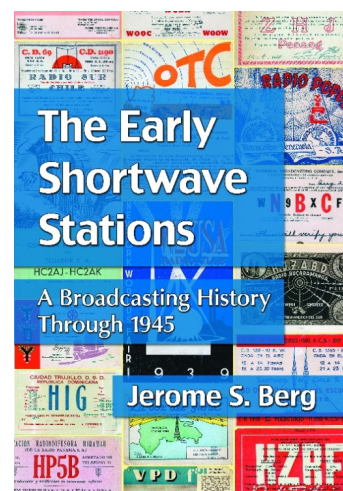
The Early Shortwave Stations: A Broadcasting History Through 1945

As some of you know, I have been working on another SW book, and I am happy to say that it is now available. This is my fourth on the history of shortwave broadcasting, all published by McFarland:

http://www.mcfarlandbooks.com/searches/advanced_search2.php?advanced=Berg&Find=Start+Search

To recap: The first book, *On the Short Waves, 1923-1945* (1999), was a broad treatment of the first two-plus decades of shortwave broadcasting and shortwave listening. The second and third books, *Listening on the Short Waves, 1945 to Today* (2008), and *Broadcasting on the Shortwaves, 1945 to Today* (2008), brought the story to mid-2008 in two parts: *Listening* covered clubs, publications, QSLs, receivers, computing, etc., while *Broadcasting* was a year-by-year examination of the stations that were on the air.

The new book, which is titled **The Early Shortwave Stations: A Broadcasting History Through 1945**, returns to shortwave's first two decades and applies the year-by-year approach of the *Broadcasting* book to the stations of 1923-1945, giving a detailed account of their comings and goings. It covers both the larger international stations that were early users of shortwave, as well as the smaller stations that populated the tropical bands (and many higher frequencies) at a time when almost the whole world was good DX. There is some context-setting information on clubs, receivers, etc., but, as with *Broadcasting*, the focus is on the stations themselves. ; Special attention is paid to the development of the early American



commercial shortwave broadcasters (Westinghouse, GE, Crosley, etc.), and the stations of the war years, including the wartime clandestines. The extensive bibliography, index and footnoting provide a good start for anyone wishing to do further reading or research on this period.

At a time when more and more lights are going out in the shortwave world, this book chronicles a time when the lights were just coming on.

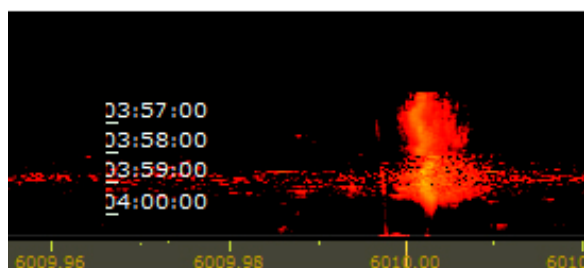
The new book is 331 pages, with 118 illustrations, soft cover. (An image of the cover is attached.) You can find out more about all the books at <www.ontheshortwaves.com> All are available direct from McFarland and from other internet booksellers (and from Universal Radio).

Although this concludes my book-writing efforts, I'm still going strong on SWBC historical research, and I will continue to post things at <www.ontheshortwaves.com>

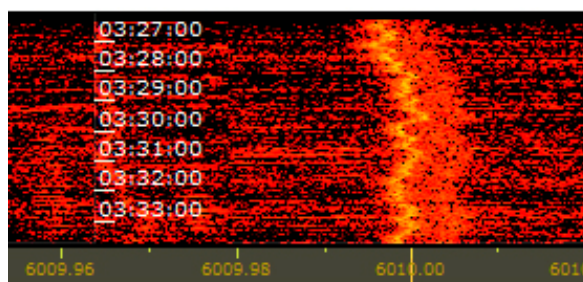
Thanks (and apologies to those who get this message more than once).

/Jerry Berg via DXPlorer

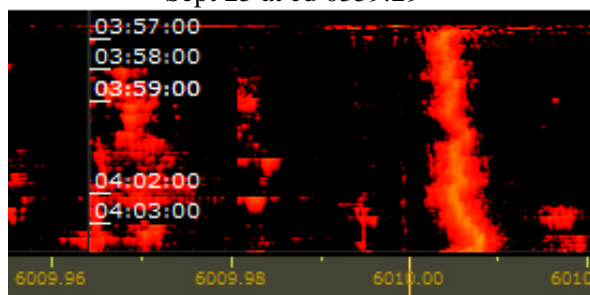
A few screenshots of a tentative reception of 6010 kHz R Mil in Ängelholm:



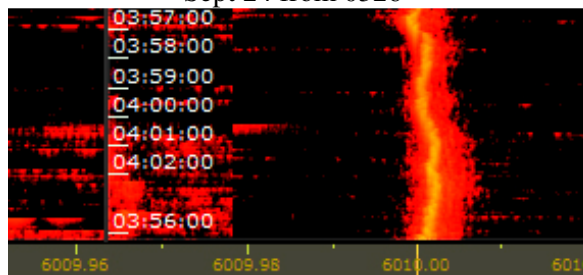
Sept 23 at cd 0359:29*



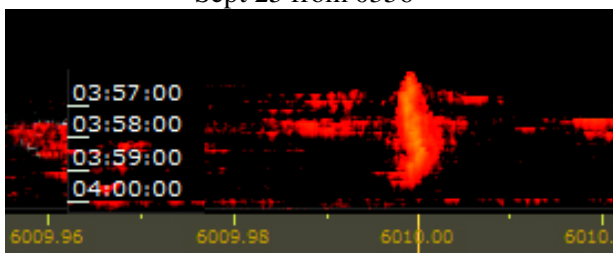
Sept 24 from 0326-



Sept 25 from 0356-



Sept 27 from 0356-



Sept 28 at cd 0358:55*

Some screenshots from tentative reception of XEOI on 6010.

As you can see the carrier is unstable and varies a little from day to day.

On Sept 26 no signal visible. The sign off is irregular.

On Sept 27 still there at 0404.

Log

(UTC)

2485	1100	VL8K Katherine NT 1100 tune in, 1105 pop music , 1120 pop rock music, 1117 announcer, 1130 still in this // 2325 Australia VL8T Tennant Creek NT. -- 2325 had slightly weaker signal (Wilkner and XM)
2850	Sep19 1105	Korean Central Broadcasting Station 1020 carrier with weak audio, then 1105 to 1110 om and yl chat and music 19 September; 1100 audio noted during band check. (Wilkner)

3260-	Sep19	1130	Tentative - Radio Madang, Madang 1130 to 1135 some audio with vocal music 18 September, similar log 0955 on 19 September (Wilkner & XM)
3260,0		1113	R. Madang @ 1113 with MX and clear ID by OM anncr at 1112Z. Short anncs then into vocals. RIPPEL, VA
3310	Sep19	0950	Radio Mosoj Chaski, Cochabamba 0950 tune in with yl in language, fair signal with fading. (Wilkner and XM)
3319,54	Sep19	1030	Unid strong carrier noted at 1030. (Wilkner)
3320	Sep25	0115	R. Sonder Grense 0115 Pop mx at t/in. 0117-0129 long tlk by M anncr in Afrikaans. 4 Pop songs in a row. 0143 sev. canned anmnts w/ment of a website and September. 0144 into "Super Trouper" by Abba starting another block of songs to 0202. Then what sounded like the nx by deep-voiced M. Alas no official ID. Dave Valko
3325	Sep28	1702	RRI Palangkaraya. Ein kurzer Mitschnitt nun in meinem Blog wie schön man Borneo heute in Salzburg hören konnte. http://remotedx.wordpress.com 73 Christoph Ratzer
3364,93	Sep19	0950	UNID 0950 to 1000 with some audio. (Wilkner)
3375,07	Sep21	0959	R. Municipal 0959-1008+ ZY Pops w/occas. tlk by M anncr in PT. Strong enough to tell it was PT, but not strong enough to ID. There was a slight buzz to the signal. Audio sounds like that of a Pirate w/homebuilt xmtr. Dave Valko
3375,1	Sep19	0955	Radio Municipal São Gabriel da Cachoeira 0955 to 1000 om in Portuguese under thunder storm QRN. 1020 to 1023 music under t-storms (Wilkner & XM)
3385	Sep19	1030	Radio East New Britain Rabaul 1030 to 1040 with fair signal. (Wilkner)
3385,0	Sep2	1108	R. East New Britian @ 1108 with News by YL. Into presumed commentary by OM @ 1109. Both in presumed pisin. RIPPEL, VA
3925	Sep19	1339	R. Nikkei-1. With business English; the weekly "Let's Read the Nikkei Weekly"; heard with the usual announcers of Noriko Tada (in Japanese), Gregory Clark (in English and Japanese) and Jeffrey Swiggum (in English); "This program has been presented by the Eiken Foundation of Japan"; fair-good. (Ron Howard, Asilomar State Beach, CA, USA)
3945	Sep19	1345	RN2, IDs in English ("RN2 brings you unforgettable summer"); unique revolutionary song by Gil Scott-Heron ("The Revolution Will Not Be Televised" - audio https://app.box.com/s/y2dt163bqjkt47jhllor); good. Forget about Radio Vanuatu reception during weekdays! (Ron Howard, Asilomar State Beach, CA, USA)
4045u	Sep23	1055	Bahamas Great Inagua, 1055 sailing vessel with weather information. (Wilkner)
4055	Sep19	1057	Radio Verdad 1057 with om English ID as Radio Verdad. 1203 Koo Koo chimes intro to yl Radio Verdad ID en español. (Wilkner)
4055	Sep19	1129	R. Verdad good signal ending neat banjo piece with SFX, probably the "Workin` on the Railroad" theme to "Tren del Evangelio" in its regular spot, now propagating half a sesquihour before sunrise here. TGAV's 700 watts nominal continue to provide an impressive signal, the only local SW broadcaster left in all of Central America, despite some occasional doubtful logs of other Guatemalans, Hondurans (Glenn Hauser, OK)
4451,13	Sep17	2320	Radio Santa Ana, Santa Ana de Yacuma 2350 to 2355 noted with fair signal, also noted 2320 to 2333 on 20 September (Wilkner)
4451,2	Sep13	2225	R. Santa Ana, St. ^a Ana del Yacuma, castelhano, canções; 15341. Carlos Gonçalves
4699,9	Sep19	0950	Radio San Miguel, Riberalta 0950 to 1015 om and yl chat, weaker signal than Bolivia on 4716 but in every morning, noted 2350 to 0005 with weak signal 19/20 September (Wilkner & XM)
4709,94	Sep23	1045	Unid 1045 to 1050 some audio but not enough for identification. Wilkner
4709,99	Sept27	0400	UNID. This time strong enough for the mx to come through. Announcement at 0401 but still too weak for an ID. This was the third time heard above noise level and best so far. Seems to be a tough one! TN
4709,99			UNID. Getting some audio before 1000 but nothing substantial until the

BoH. 1026 short canned anmnt by M but just not strong enough to copy. Then stronger w/usual Ranchera mx. Peaked around 1028 and then faded. So another teaser. Dave Valko

4712U	Sep24	0328	Magadan Airport, Russia. When watching 4710 for possible audio I heard a SSB transmitter here. It turned out to be Magadan Aero with good strength in conversation with some aero planes. Read more at http://www.airport-magadan.ru/en/ TN
4716,65	Sep19	1004	Radio Yatun Ayllu Yura, Yura 1004 to 1016 weaker than usual signal, 2348 - 0003 with Bolivian music, stronger signal in local evening. 19/20 September (Wilkner)
4717-	Sep27	0049	Lively music from Yura on the air this late tonight, poor signal but better than most from S America on 60m (Glenn Hauser, OK)
4747	Sep19	1000	Radio Huanta 2000 Huanta Ayacucho 1000 - 1012 en español with om announcer, good signal. (Wilkner)
4747,09	Sep24	1018	R. Huanta Dos Mil 1018 really nice signal but a CODAR was right on top. Nice ID by live M DJ as soon as I retuned at 1020. Dave Valko
4749,95	Sep22	1117	RRI Makassar 1117 Chinese-like vcl song, then ad/promo block, first by M w/ment of Indonesia. Ment of Jakarta. Back to mx at 1123. Getting a little distortion, possibly caused by the 4750 Chinese. Best signal yet. Dave Valko
4750	Sep20	1115	RRI Makassar 1115 to 1150 // 4870 Indonesia RRI Wamena, Propinsi Papua seemingly, 1021 brief om and yl chat, 1124 om, 1130 vocalist, 1135 end music om comment, 1137 music with vocalist., vocalist 1148. parallel broke one time with second station on 4750. (Wilkner)
4755,5	Sep20	-1158*	Music playing from PMA The Cross is chopped off at 1158:08.5* without any tones being audible. Next: Solomon Islands (Glenn Hauser, OK)
4755,55	Sep22	1130	The Cross 1130 canned ID and website by girl between Christian Pop songs. Fair but was quite good 15 min. earlier. Dave Valko
4755U	Sep19	2350	usb English "Net will begin..." 2350. (Wilkner)
4759,44	Sep20	2350	Unid 2350 to 2355 audio but distorted. (Wilkner)
4760,008	Sep24	1142	AIR Port Blair?? Getting a signal here at 1142. Definitely M anncr at 1144, and mx, but its right a threshold. Dave Valko
4760,01	Sep27	-1701*	AIR Port Blair def. not in // with the South Region at this time. Decent signal at around 1630 and quite weak at sign off. TN
4774,9	Sep19	1006	Radio Tarma, Tarma. 1006 to 1010 strong signal, ments de Peru en español, lively rustic music. (Wilkner & MR)
4774,91 4775,10	Sep22	0130	R Tarma, Tarma Spanish ann, Andean old song 35333 AP-DNK New frequency AIR Imphal (presumed) noted on Sept 26 at 1319 with indigenous chanting/singing (CODAR QRM heavy), so must be AIR Imphal, as nothing on 4775.0. They really must be working on the transmitter! Tuned back at 1329 and 1341 to only find an open carrier on 4775.10, but no audio at all. Also confirmed today by Dave Valko on 4775.106 kHz. (Ron Howard, Asilomar State Beach, CA, USA)
4781,6	Sep20	1110	Radio Oriental, Napo 1110 to 1123 om in rapid español good signal the last station to fade out mornings. (Wilkner & XM)
4784,99	Sep22	0135	R Caiari, Porto Velho, RO (p) Portuguese conversation 25232 AP-DNK
4805	Sep19	1000	Radio Difusora do Amazonas, Manaus 1000 to 1015 om in Portuguese under t-storm racket. Noted ever morning (Wilkner & XM)
4810-	Sep25	1047	Andean music with yipping, 1050 YL announcement unseems Spanish, 1058 music. Very poor signal but better than anything else on 60m from S America, just some carriers. 1101 still music but fading into noise level. Otherwise in clear, only slight occasional ute QRM, maybe a trace of CODAR swishes. Long after the demise of XERTA, surely this is the only American on 4810, R. Logos, in Chazuta, the new missionary station inaugurated a little over a year ago (and not to be confused with the previous R. Logos in Bolivia on 4865). WRTH 2013 strangely does not show the R. Logos name under Perú 4810, but instead ``Iglesia Evangélica Central de Chazuta``. I can usually hear the 4810 carrier in my evening monitoring around 0100, but the ute QRM on the hi side is heavy then, and I can never

log anything from Chazuta. This time I awoke myself with a sneeze, so decided to make the best of it by tuning around 60m before resleeping. The pre-sunrise LA window many DXers inhabit, I normally miss; got to sleep sometime. This is very slightly on the lo side, compared to something on 810, probably WHB, which matches measurements the past few months by Chuck Bolland in Florida as 4809.975, .993, .976. Everyone else the past year seems to have rounded it off to 4810. However, an early log 13 months ago by David Sharp in NSW put it on 4810.03 (Glenn Hauser, OK)

4810	Sep19	1010	Radio Logos, Chazuta, Tarapoto 0950 to 1010 with choral vocal and om chat en español good signal. (Wilkner and MR)
4824,4	Sep23	1019	LV de la Selva (pres.) Big signal just came on at 1019. Definitely a M anncr, brief mx bridge, and now W at 1022:30-1025. Clear flutes and W anncr in SP. First time I've heard audio here in ages. Can only hear the audio when its peaking and minimal to no CODAR or WWCR QRM. Would be pretty lucky to get an ID at the same time it was peaking. Dave Valko
4824,5	Sep19	2330	La Voz de la Selva, Iquitos 2355 en español weak signal, noted daily 2330+ and 1040+ (Wilkner)
4826,5	Sep19	1000	Radio Sicuani, Sicuani, Cusco 1000 to 104, weak signal, noted most days from 0950 or earlier - 2355 to 0000 noted on 19 September (Wilkner) - Has been observed silent for periods up to five days or more since July (Wilkner)
4826,606	Sep23	1017	R. Sicuani?? A signal showing up here at 1017. Too weak and way too much WWCR slop QRM here to get any audio. Was drifting back and forth a little. Dave Valko
4835	Sep19	2350	Ondas del Suroriente, Quillabamba 2350 - 0000 group vocal music, better than usual signal en español. (Wilkner)
4865,02	Sep19	0936	R. Verdes Florestas Caught middle of canned full ID at t/in at 0936. Rel. pgm w/M host and rel. choral mx. Full ID again at 0954 at end of pgm. Nice clear strong signal with the UTE off. On earlier than yesterday morning. Dave Valko
4869,90v	Sep26	1233	RRI Wamena. New format for the weekly KGI program in English; better than normal reception, but still poor; now with a fair amount of Bahasa Indonesia being used; years ago was 100% English; list of statements about world population (in English and BI); Ana had to answer if they were true or false. All IDs for "KGI" or "Kang Guru Indonesia," except one for "Radio Kang Guru English," at start of audio posted at https://app.box.com/s/gkqj8tgw29k5bioocnyg (Ron Howard, Asilomar State Beach, CA, USA)
4869,92	Sep23	1007	RRI Wamena 1007 end of nx read by studio M anncr, usual post-nx routine w/RRI ID/promo over "Eye of the Tiger", then M mixed w/mx, and back to mx pgm w/song sounding like Englebert Humperdinct. 1125 ment of the pgm and site ID by studio M DJ. Really nice signal this morning but the annoying pulsing UTE was right below. (23 Sept.) Dave Valko
4873	Sep27	0051	Approx. center of distorted blob with music, no doubt the out-of-whack Rdif. Roraima. At 0126 recheck it had shifted to 4874 and I could tell it was drifting as I listened for a few seconds. Last night it was around 4880 (Glenn Hauser, OK)
4873,9	Sep19	1000	Rdif Roraima, Boa Vista RR 1000 to 1012 om with "Bom Dia " difficult is ssb, good in AM synchro with NRD535D. - 2353 om romantic vocal good signal. (Wilkner)
4874v	Sep20	0935	R. Difusoras Roraima 0935 playing the "Bon Dia" song, and ZY Pops w/M anncr DJ, taking phone calls. Rooster crowing during song. Really drifting around fast between 4873-4875. Sometimes as much as 1 khz in 30 seconds!! Impossible to keep tuned. (19 Sept.) Noticed it went off the air at least once at 1013. Dave Valko
4877,6	Sep22	0937	R. Difusora Roraima 0937 end of tk and into ZY Pops. The signal just looks like a blob when zoomed in on the Perseus. Dave Valko
4881,7v	Sep23	0021	R. Difusora Roraima 0021 horribly distorted signal but could barely make

4884,8v	Sep23	1008	out PT by M. Abt 5 khz higher than what it was this morning. Dave Valko R. Difusoras Roraima Extremely distorted and drifting all the way up here at 1008, nearly covering R. Clube do Para. 8 khz higher than where it was yesterday at this time. (23 Sept.) Dave Valko
4885	Sep14	2020	R.Club do Pará, Belém PA, relato de partida de futebol; 25231, mas c/ sinal a fortalecer, pese embora manter-se o elevado nível de ruído da estática; pelas 2130, o SINPO era de 45343. Carlos Gonçalves
4915	Sep19	2350	Radio Daqui Goiânia, GO - -tentative - - 2350 om vocal then "mais música ...by om, then under rty... 19/20 September (Wilkner)
4925,2	Sep19	1020	Radio Educação Rural, Tefé, AM 1020 to 1030 fading out in Portuguese under thunderstorm noise and het from Korea. (Wilkner)
4925,2	Sep14	2215	R. Educação Rural, Tefé AM, 2215-2223, 14/9, texto; 25331. Carlos Gonçalves
4939,94			Unid --- Possibly ---Perú , Radio San Antonio de Atalaya --- 0005 to 0010 poor to fair signal music -en español -?- needs more work. (Wilkner)
4950	Sep23	1358	AIR Radio Kashmir, Srinagar (presumed). Very nice to hear this one again, after being off the air this month; faint with subcontinent music. The only good thing about the Voice of Pujiang (Shanghai) leaving the air here is that I can now hear Kashmir! (Ron Howard, Asilomar State Beach, CA, USA)
4955	Sep19	1034	Radio Cultural Amauta Huanta 1034 "...muy buenos dias, om at 1035 to 1040 under thunderstorm noise. (Wilkner)
4955	Sep27	0012	Music on very poor signal, presumed R. Cultural Amauta, Huanta, the only known broadcaster in the Americas, yea, the world, on 4955 (notwithstanding R. Nacional, Colombia still in Aoki; how many decades has that been gone?). 4955 supposedly counts upon ten times the power of another Huantan, 4775, which I hear more often (Glenn Hauser, OK, DX LISTENING DIGEST)
4970,0	Sep22	1237	AIR Shillong, 1237-1314. Very nice to have the audio level here back to normal after being so long with just open carrier; normal Sunday C&W show of songs in English. From 1341 to 1422 an interesting interview in English with Anjum Hasan, a Shillong born writer now living in Bangalore. (Ron Howard, Asilomar State Beach, CA, USA)
4985,013	Sep21	0935	R. Brasil Central?? 0935 found the double UTE here had gone off (it was there earlier) leaving a signal in the clear. Sounded like mx at 0937 but already too weak. Dave Valko
4990	Sep24	0401	R. Apintie with quite good strength and nonstop mx until 0401 when a short ann. And an ID as "R Apintie". Most days over here merely a faint signal all night but this time much better than usual.TN
4990	Sep23	1420	AIR Itanagar. "This is All India Radio Itanagar"; news in English; poor. My 1996 QSL received directly from Itanagar - https://app.box.com/s/bj9k2dxmusco9d9033t6 , best viewed "Go full screen" and one of my best AIR letter QSLs! (Ron Howard, Asilomar State Beach, CA, USA)
5020-	Sep20	1159	carrier from SIBC in splash of 5025 Cuba autocutoff at 1200:09.5*, 121 seconds after Micronesia, q.v. (90m had only a very weak 3385, untimed today) (Glenn Hauser, OK)
5039,14	Sep19	1039	Radio Libertad de Junín, Junín 1039 intro music then om en español to 1042. (Wilkner)
5039,18	Sep24	1028	R. Libertad de Junin 1028 suddenly got a lot stronger than 10 min. earlier. Beautiful camposina mx, then long canned anmnt starting w/haunting flute at 1029 that sounded like a pgm intro "Con Grau ?? Nacional", and followed by the morning M DJ w/ment of possibly his name Barrio Sanchez Cristobal, and back to mx at 1031, but had faded again. There was an accurate TC just as the canned anmnt started. Dave Valko
5085	Sep24	0110	WTWW-2 is off; I know it was on with BS when I tuned across before 0100. Regarding my recent comments, George McClintock informed me Sept 22: US SW stations are not required to maintain a public file, because they do not have a City of License; no frequency or modulation monitors are required either, unlike AM stations, but most SW stations have them anyway. He

maintains that the latest WTWW spurs I reported must have been receiver-produced, since he could not hear them within 0.5 to 1 mile of the site (Glenn Hauser, OK)

5765u Sep18 1100 Guam AFN Barrigada 1100 to 1115 news items including "occurring last Saturday" ... and "comments on " 18 September; 1100 to 1111 yl with news items good signal. (Wilkner and XM)

5915 Sep24 2149 R. One/ZNBC 2149 studio M anncr tlking w/M phone caller. Poss. ments of Congo. Then M anncr mixed Afro Hi-life mx at 2153. Abruptly switched gears and went into a slower MOR song at 2154. M returned at 2156 in vern. w/ment of Congo and information. 2158 slow African choral song, and immediately into choral version of the Zambian NA from 2200-2202, and signal off the air at 2202:30. Very fady. Too bad they don't have EG at this time. Dave Valko

5939,88 Sep23 2240 Voz Missionaria, Camboriú, SC Portuguese talk by man and woman 35443 // 9665 (33433 with heterodyne) AP-DNK

5952 Sep19 1025 Pio XII, Siglo Veinte 1025 to 1028 with yl and weak signal. (Wilkner)

5952,4 Sep27 0128 Radio Pio Doce, sounds like ads or at least hype in Spanish; need LSB to avoid dratted Cuban jamming against nothing on 5955 (Glenn Hauser, OK)

5952,44 Sep24 0955 R. Pio Doce 0955 nice signal w/tlk by W in Quechua, then ad/promo block mostly in SP w/at least one ment of Pio Doce. One w/wind blowing SFX. 1001 choral NA and voice tlk by M w/nice ID and ment of "comunicacion Pio Doce". Checked the webstream and it was 7 seconds behind. Clearest I've heard a while. Dave Valko

5952+ Sep19 0100 And for several previous evenings, Radio Pio Doce has been missing from usual spot; off earlier or off completely? (Glenn Hauser, OK)

5964,71 Sep27 2356 Most likely a weak RTM Klasik Nasional. RTM Klasik Nasional heard with strong signal Sept 28 at 1500 with news on exactly the same spot heavily disturbed by CRI. TN

5964,72 Sep23 2255 RTM, Kajang (p) Bahasa Malaysia talk 24333 AP-DNK

5964,94 Sep28 *0300- UNID station with weak audio started up at this time. Does not sound like a LA station. R Nac de Espana signed on at 0400 with a very strong signal totally blocking this one. TN

5965 Sep28 1411 CRI, China with nice mx. TN

5965 Sep19 0932 UNID. Had a signal here at 0932. Couldn't really get any definite audio but there was something here. I didn't stay with it long as I went on to check 6050 HCJB. Dave Valko

5980 Sep27 0048 R. Chaski a bit better than usual in Spanish talk vs. music splashing from 5990 CRI via Cuba. 0058 the splash is off so Chaski music is better heard; 0102 talk segment strong enough to tell the modulation is distorted, presumably the usual `Creation Moment` wacko capsule, until cutoff at 0105:17* which is 5.5 seconds later than yesterday. With BFO on, it made a blip as the plug was pulled. We may have only a month left to enjoy R. Chaski in the clear at 00-01, for in B-13, IBB plans to put a Tibetan service on 5980 during that hour via Sri Lanka, sure to draw ChiCom jamming as well (Glenn Hauser, OK)

5985,76 Sep24 1136 Myanmar R. Popped on at 1136:12 w/tlk by M and W already in progress. 5915 was on early this morning at 1110. Dave Valko

5985,78 Sep20 1131 R. Myanmar Popped on at 1131:21 w/tlk by M already in progress. Dave Valko

6000 Sep15 2122 R. Guaíba, Pt.º Alegre RS, texto, ininteligível; 24331, QRM da CHN. Carlos Gonçalves

6003 Sep24 1001 Echo of Hope 1001 alternating tlk by M and W in KR. W mixed w/mx later at 1015, then tlk by M anncr. Jamming oddly reduced at 1000 allowing this to be audible. However the jamming was still there. Dave Valko

6009,97 Sep23 0312 XEOI Radio Mil heard on 6009.97 from 0312 to 0359*; mostly YL and two OM chatting; ads and promos; suddenly off during choral National Anthem; QRN; poor; decent signal strength. Audio at <https://app.box.com/s/d3k5x4p01hqra79kscbn> (Ron Howard, Asilomar State

6010,0	Sep23	0330	Beach, CA, USA) Most likely XEOI R Mil also here in Ängelholm but with very low audio due to a strong LV de tu Conciencia. Thanks to Ron Howard's recording (se link above) I believe I could hear corresponding fragments of the Nat Anthem. The signal was a bit stronger at 0330 and decreased until sign off at 0359:29. The signal was also there on Sep24 at 0330 but gone at next check 0356. On Sept 24 at 0400 on 6009, 997 and on Sept 25 noted on 6010,004. Both Inconfidencia (6010,1) and in particular LV de tu Conciencia (6010,2) dominates completely most of the time. On Sept 26 the signal was absent when checked from 0326 to 0404. Also a very stable carrier was noted 0026-0204 on 6009,997, probably China. Best signal so far on Sept 27. The attached screenshots above show the unstable carrier from Sept 23 -28. Unfortunately no 100% ID heard yet. TN
6050	Sep21	0833	HCJB 0833 got their audio fixed and was hearing opening w/M anncr over instru. mx. Fair but QRM from Marti jammer. Dave Valko
6050,0	Sep22	-1503*	Salam FM via RTM, via Kajang, 1500-1503*. Two time pips; "Salam FM" jingle; choral National Anthem (Negaraku – Lagu Kebangsaan Malaysia); Islamic programming; good (Ron Howard, Asilomar State Beach, CA, USA)
6059,8	Sep15	2119	SRDA, Curitiba PR, propag. relig., c/ testemunhos de curas (...); 34231, QRM adj. de teletipo (!).Carlos Gonçalves
6110	Sep14	1749	R. Fana, Geja Dera (ou Geja Jawe?), idioma oromo, (segundo listas), texto, canções locais; 45333. Carlos Gonçalves
6115	Sep14	1745	R. Congo, Brazzaville, francês, música pop' africana, texto; 34222, QRM adjacente. Carlos Gonçalves
6159,97	Sep23	2315	CKZN St. John's, New Foundland English interview on Somali and Kenya, "You are listening to CBC...", CBC website 35343 AP-DNK
6160	Sep21	0903	CKZU/CKZN 0903 getting an echo of the CBC Radio One nx at this time, obviously due to both stns coming in. Broke away to own pgming at 0904. CKZN has now gone below CKZU. CKZN 6159.964, and CKZU 6159.974. Just 10 hz separates them and close enough not to hear a het. While doing a screenshot, noticed CKZN is drifting by a couple hz. Dave Valko
6164,94	Sep25	0007	Rdif. Tchadienne/R. Djamena 0007 found a big signal here w/Afro Hi-life mx. 0015 abt 45 seconds of deadair between songs. Into a Rom. song then. More Hi-life and even one Reggae song. Audio during one song at 0048 was very low. Could hear M tiking at 0112 under Cuba. Incredibly strong sometime peaking to S9+20!! Oddly on late or all night. Cuba came on at 0059:22, but it was still easily audible under the OC. Dave Valko
6164,96	Sep26	0400	Rdif. Tchadienne strong signal now, seems to be there all night long. But no sight of them today, Sept 29. Only station on the frequency at 0000 was presumably VoV and later a strong R Habana Cuba. TN
6165	Sep27	0056	undermodulated talk at first unseems French conversation, then it does seem. By 0103 recheck, Cuba is on and blocking, unlike absence all last night. Bill Bingham, RSA, reminds me that Zambia has been missing from 6165 for a long time, so the CCI with Chad I heard after 0300 was probably the other frequency toward Asia for Turkey's English broadcast (Glenn Hauser, OK, DX LISTENING DIGEST)
6165	Sep23	1434	Thazin Radio. Start of their segment in English; played pop songs; 1434-1443 news and weather; poor; extremely tough to make out under CNR6, which played non-stop songs (Ron Howard, Asilomar State Beach, CA, USA)
6165,015	Sep26	0330	Voice of Turkey with EE px. "The letterbox program has come to an end. This is the Voice of Turkey". Sign off before 0356 when the next recording started. TN
6173,9	Sep19	1030	Radio Tawantinsuyo, Cusco 1030 to 1040, difficult signal with om in Spanish, 19 Sept and most other days same time, alas weak (Wilkner)
6175	Sep18	0515	[non]. VOV with really nice traditional Vietnamese music, but then into talk segment. Tune in a little earlier nightly for this, on 250 kW WHRI relay, always excellent signal, the final hour from 0430, at 260 degrees; I am seldom listening for the earlier languages, 0300 Spanish, 0330 English, 0400 Spanish,

which are on 173 degrees and still plenty powerful to bother Brasil on 6180, and eclipsing the earlier ``N American`` service on 12005 via Woofferton (Glenn Hauser, OK)

6209,95	Sep22	0023	R. Borderhunter End of song and ID/song anmnt at 0023 t/in. Songs "Odia", "Brown-Eyed Girl", "Black Magic Woman", "Nights in White Satin", "0054:40 song anmnt. 0100 anmnt said was midnight 3 hours ago, 0101:25 short ID. 0102:45 song anmnt, ID. Dave Valko
6550	Sep23	1038	MND R. 1038 very nice clear signal w/M speaking in KR. Went into "For Love" at 1054:30. Dave Valko
7120	Sep25	1331	JBA AM carrier, still at 1348, with almost constant CW QRM on the hi side from an N4- ham, surely no hand keyer, who doesn't defer to intruders. R. Hargeisa is back! Per Kouji Hashimoto, Japan, who chex every night for the 1900v sign-off, it was last heard Sept 5, and resumed Sept 24. Ron Howard also heard it again Sept 24 at 1337-1359*, seemingly in English at first, scheduled 1320-1340. We still need to check for resumption of *0330v, by far the best time for it here. Around 1330 by longpath, it's a balancing game between signal increasing from the source as sundown approaches there, and diminishing at this end as the sun rises further (Glenn Hauser, OK)
7120	Sep24	1337	Radio Hargeisa. Finally back on the air after last being heard on Sept 5. From tune in at 1337 to 1340, on Sept 24, sounded like the usual English segment; into presume Somali and some HOA music/singing; 1359* off during National Anthem; poor to almost fair; QRN. Audio at https://app.box.com/s/0u51niixyjvlp7pz3n11 .Nice to have them back with their unique HOA music! (Ron Howard, Asilomar State Beach, CA, USA)
7220,55	Sep22	1053	V.O. Vietnam Noticed a signal here going off and on a number of times around 1053. Then noted NA-like fanfare at 1057. Sounded familiar. Couldn't match it up with recording on Interval Signals Online but confirmed tnx to Ron Howard. North Korea was playing their NA at 1101 on 7220. Blasted by Hams on 7225. Dave Valko
7220,55	Sep22	-1228*	VOV. Thanks to the alert from Dave Valko that they are off frequency now; in Chineses; audio off - just open carrier; *1230 into Russian; fair. (Ron Howard, Asilomar State Beach, CA, USA)
7230	Sep21	0809	R. Rossii 0809 ID by M in RS, brief anmnt by W, short period of traditional RS song w/W vcl, then discourse between diff. M and W. Fair and //7320 (Magadan) which was much better. Yakutsk still well in daylight. Dave Valko
7275	Sep21	0854	KBS World 0854 tlk by W in JP over instru. mx. //6155 which was better. Dave Valko
7289,94	Sep22	0901	RRI Nabire 0852 Koran, right on cue as the Sun was setting there. 0901:50 somber M w/outro, then back to studio M anncr DJ briefly, and then 4 light Pop-like songs in row (0902, 0906, 0910, 0913). Some Ham left his xmtr on and ran across the freq twice at 0915. Finally, M DJ returned at 0917:14. Just a tad too weak to copy though. 0919 back to soft mx. Went off in mid-song at 0923:07. Never really did improve in the half hour from 0852 t/in. Wantok came on at 0924:55. Dave Valko
7295	Sep24	1118	Traxx FM 1118-1124 having technical difficulties continually going off and on and with some distorted audio. Usual Pop mx w/M anncr DJ. Fair. Dave Valko
7324,94	Sep21	0925	Wantok R. Light Signal on the air at 0925:00. Appeared they didn't put the audio up enough as it was barely audible after 0932-0935+. Dave Valko
7435,5			VOV1 has not been heard recently during my mornings; am still hearing the usual 5975 // 7210 // 9635 (Ron Howard, Asilomar State Beach, CA, USA)
7469,875	Sep20	1114	R. Free Asia 1114 found a nasty het. At first I thought R. Free Asia was the one on 7470, but it turned out to be the CNR1 jammer, and RFA was actually on 7469.875. CNR1 was the stronger and //9845. Dave Valko
7480,005	Sep18	2151	Open R. for North Korea (tent.) 2151 definite tlk by W anncr. Too weak to tell the lang. Slop QRM from 7490 WBCQ. VOA Kuwait signal popped on here at 2158:45, but since this signal was 5 hz above, I could see it go off at

2200:07 as scheduled. Other Open R. for North Korea xmsns are blocked here. I think this will get better and better toward the solstice. Dave Valko

7506,45	Sep23	0255	WRNO. DW news in English; fair. Seemed slightly higher in frequency than recently heard (Ron Howard, Asilomar State Beach, CA, USA)
7906u	Sep19	1152	Vietnam Coast Radio Station 1152 to 1155 noted on 18 September(MR) om in language with good signal 1055 to 1058. (Wilkner)
8989u	Sep17	0000	Nicaragua "El Pescador Preacher" 2353 impassioned Preacher en espanol to 0000. (Wilkner & XM) - usually off by 0000.
9400	Sep22	0115	R Free Asia via Sitkunai Uighur talk, music and more talk with piano in the background 25232 // Dushanbe 9350 (45333), Dhabbaya 11640 (45434) and 11945 (25222). Thanks for the tips to Dmitry Mezin! AP-DNK
9526,89	Sep22	0947	V.O. Indonesia Already on w/pgming at 0947. Kind of sounded like EG but too weak. Dave Valko
9677,58	Sep22	0116	V.O. Talishistan (probable) 0116-0130+ Just getting a weak carrier but definitely there. QRM from both sides; 9675 CRI in EG, and 9680 R. Free Asia. Went off at 0147:52, so never did get anything more. Dave Valko
9680,05	Sep22	2313	RRI Jakarta 2313 definite tlk by M and W. Nx?? Into mx at 2316. 2323 mx sounding AR. Too much slop QRM from 9685. Clear reception would have yielded a lot more. Dave Valko
9745	Sep24	1111	V.O. Han (pres.) 1111 tlk by W but can't confirm the lang. Han has been off for a while and just returned the other day. First time to hear audio here in quite some time. Dave Valko
9870	Sep20	1242	AIR Bengaluru testing on 9870. Thanks to the alert by Jose Jacob (India), Sept 20 noted sign on at 1242 with easy listening subcontinent instrumental music; in Hindi with ID and SW frequency; singing and subcontinent music till suddenly off at 1247; open carrier come on and off again a few times; 1253 on again with singing and subcontinent music for short time then went to DRM transmission till off at 1255. Later at 1315 could hear both DRM and AM audio. Unedited sign on audio at https://app.box.com/s/igmtwhdfnfxvxfe193sj (Ron Howard, Asilomar State Beach, CA, USA)
11710	Sep3	*0200-	Radiodifusión Argentina al Exterior (English Service) *0200Z speaking of damage to several key cities from flooding. Excellent strength ! RIPPEL, VA
11905	Sep24	0137	SLBC Nothing but an OC here at 0137. Stayed with it for a few minutes and nothing. Dave Valko
15105	Sep25	1232	Bangladesh Betar 1232-1237 EG nat. and internat. nx by W, subcont. mx bridge, then cmntry by M to 1244. Subcont. mx and canned voice over ID anmnt by deep-voice M as "This is the external service of Bangladesh Betar". 1244-1249 W anncr w/ID and sports intro and immediately into sports nx. 1249 M anncr w/song anmnt and into subcont. mx. A bit of hum to the signal and stronger when no audio present. Not the best ever but a nice signal and always a pleasure to hear them. Dave Valko
15265,15	Sep25	1250	R. Taiwan Int. OC here way off freq as early as 1250. 1300 CNR suddenly came on jamming the signal. Could just barely hear M anncr at 1301 briefly when a very short break in the CNR audio. Couldn't notch out CNR enough. Dave Valko
15350	Sep25	1258	Athmeeya Yatra 1258 M w/contact info in apparent Punjabi w/IDs, e-mail, and mailing addr. and ment of "radio program", then into next pgm at 1300. Fair. Dave Valko
15374,985	Sep23	1132	Fu Hsing BS (pres.) 1132 found here finally after several weeks. W tlking, can't get the lang. 1138 MOR instru. mx. 1140 W briefly in what sounded like CH, then another instru. very clear 1140-1145. Soft mx w/W voice-over 1146-1147. 1148-1150 soft flute mx. 1150 W anncr again. 1200 W anncr once more at ToH, then tlk by M. Really faded and barely audible by s/off. I got to the website and tried bringing up the webstreaming audio but it wouldn't work. Dave Valko
15476	Sep25	1945	LRA36 hördes bra en kort stund. CB

15730 Sep25 1250 R. Pakistan 1250-1258 Pop-like mx, 1258 M anncr in CH including website, then usual choral NA to 1301:00, and off at 1301:37. Weak but clear. Dave Valko

- MR - Vero Beach - South Florida, NRD 515 - Drake R8B - Timewave ANC-4 - Quantum Phaser
- XM - Cedar Key - South Florida, NRD 525D - R8A - E5
- Robert Wilkner, Pompano Beach, South Florida NRD 535D -746Pro - R8 - R7- Sony 2010XA - Long Wave Pre Amplifier - Two Medium Wave Amplified Ferrite Antennas, 120/90/60 meter dipoles

Station news

INDIA. Brief scan at 1404, Sept 23, just to see what could be heard:

- 4760 AIR Port Blair - yes
- 4775 AIR Imphal - no - still off the air
- 4800 Two stations heard - assume AIR Hyderabad and CNR1 mixing
- 4810 AIR Bhopal - yes
- 4820 AIR Kolkata - yes - mixing with Tibet
- 4835 AIR Gangtok - no - unable to hear anything through ABC
- 4840 AIR Mumbai - yes
- 4850 AIR Kohima - no - off the air (only used for special events)
- 4860 AIR Shimla - yes
- 4880 AIR Lucknow - yes
- 4895 AIR Kurseong - assume mixing with Mongolia
- 4910 AIR Jaipur - yes (good that ABC is no longer here!)
- 4920 AIR Chennai - yes - mixing with Tibet
- 4940 AIR Guwahati - no - still off the air - only VOS heard
- 4950 AIR Radio Kashmir, Srinagar - yes - back on the air again today!
- 4970 AIR Shillong - yes
- 4990 AIR Itanagar - yes
- 5010 AIR Thiruvananthapuram - yes, but QRM
- 5040 AIR Jeypore - yes
- 5050 AIR Aizawl - no - only BBR heard, but AIR has been broadcasting here recently (still no hint of the return of Ozy Radio)
(Ron Howard, Asilomar State Beach, CA, USA)

TAJIKISTAN: Hallo zusammen, der Auslandsdienst Tadschikistans sendete bisher nur auf KW 7245 kHz und war damit recht selten in unseren Breiten zu hören. Jetzt geht das Ganze auch online, mittels unseres kleinen, experimentellen Streams: <http://broadcast.funkhaus.info/ovozi-tojik.m3u>
2x täglich gibt's auch eine Stunde in Englisch, wobei die Nachmittagsendung die Erstsending und die Nachtsendung die Wiederholung ist. Alle Zeiten in UTC

- | | | |
|----------------------------|-------------------------|----------------------------|
| ⇒ 00:00-01:00 Arabisch | ⇒ 08:00-10:00 Russisch | ⇒ 14:00-16:00 Tadschikisch |
| ⇒ 01:00-02:00 Englisch | ⇒ 10:00-11:00 Usbekisch | ⇒ 16:00-18:00 Farsi |
| ⇒ 02:00-04:00 Tadschikisch | ⇒ 11:00-12:00 Hindi | ⇒ 18:00-20:00 Dari |
| ⇒ 04:00-06:00 Farsi | ⇒ 12:00-13:00 Arabisch | ⇒ 20:00-22:00 Russisch |
| ⇒ 06:00-08:00 Dari | ⇒ 13:00-14:00 Englisch | ⇒ 22:00-23:00 Usbekisch |
| | | ⇒ 23:00-24:00 Hindi |

Im Gesichtsbuch ist Ovozi Tojik unter <https://www.facebook.com/pages/Ovozi-Tojik-10505-fm> erreichbar.
(Exotische Grüsse, Christian Milling via A-DX list)

Other radio news

CHASQUI DX PFA – SETIEMBRE 2013

CQ, CQ, CQ...Aquí Pedro F. Arrunátegui para compartir algo con los que disfrutan y aman el DX latinoamericano, todas las horas son UTC, desde la tierra de los incas, les informo mediante este Quipus lo siguiente:

- 3310.00 BOLIVIA, R. Mosoj Chaski, Cochabamba, 19/09 2308-2335 22222** px en quechua mx ID "Radio Mosoj Chaski" news mx advs.
- 4699.96 BOLIVIA, R. San Miguel, Riberalta, 17/09 2338-0005 22222** news varias con regular ruido informan convocatoria sindical de los diferentes departamento sobre un proyecto ley advs varios px La voz el noticiero boliviano más completo ID "A través de radio San Miguel..."
- 4765.00 BRASIL, Ten. R. Integracao, Cruzeiro da Sul, 2/09 0938-1005 22222** mx muy buenos días (la intensidad de la señal varia y se acompaña de fuerte ruido), advs atención amigo de Cruzeiro da Sul usted puede encontrar todo los artefactos necesario para su casa en... **NOTA:** coloco **Ten** por no haber escuchado ID correspondiente.
- 4774.90 PERÚ, R. Tarma, Tarma, 7/09 2210-2245 44444+** mx tropical andina px saludos y mensajes ID "Aquellos que están en sintonía de Radio Tarma, siempre la primerísima, llámenos al 321510 y solicite la música que desea" mx ID "Siempre en sintonía de Radio Tarma Internacional.." mx ID "Radio Tarma Internacional.." **NOTA: Ante 4774.95 ahora 4774.90**
- 4789.87 PERÚ, R. Visión, Chiclayo, 4/09 0115-0140 33333+** intensiones de oración hacia sus seres queridos ID "Por Radio Visión desde la ciudad de Chiclayo"
- 4835.00 PERÚ, R. Ondas del Sur Oriente, Quillabamba, 4/09 2240-2310 44444** px religioso mx religiosa ID "A través de Radio Ondas del Sur Oriente" Todos unidos ante el dengue, acude al área de salud más cerca de tu casa.
- 4865.00 BRASIL, R. Verde Floresta, Acre, 26/08 1105-1136 33333** saludos y mensajes ID "A nuestros amigos de Radio Verde Floresta" news de Brasil comentarios sobre la situación política de Brasil mx.
- 4885.00 BRASIL; R. Dif. Acreana, Rio Branco, 1/09 1105-1134 33333** mx news **NOTA:** durante este trimestre se ha presentado mucha dificultad para captar las estaciones de Brasil, apena audibles.
- 4925.20 BRASIL, R. Educacao Rural, Tefé, 17/09 0010-0035 22222** news y advs varios ID Usted sintoniza... Educacao ID "Esta usted en sintonía de Radio Educacao Rural... escuchar grabación adjunta con audífonos"



4925.20 Educacao Rural PFA 2013 Set 17.mp3

- 5024.92 PERÚ, R. Quillabamba, Quillabamba, 17/09 1040-11005 44444++** advs cooperativa agraria y crédito Quillabamba, le da el préstamo que usted necesita px La hora seis ID Desde Radio Quillabamba" news **NOTA: Reportado antes en 5024.94 ahora 5024.92**
- 5039.20 PERÚ, R. Libertad, Junín, 2/09 1010-1040 44444++** mxf huayno px por Vicente de los Milagros ID "Ahora la repuesta es una sola Radio Libertad" advs medicina natural cubana.
- 6134.80 BOLIVIA, R. Santa Cruz, Santa Cruz, 4/09 0147-0205 44444+** mx tropical andina advs ID "No importa donde valla, nunca olvide de su radio, Santa Cruz una radio que sabe acompañar..." mx ID "Escuche radio Santa Cruz, la primera" ID "970khz onda media, 6135kHz banda sonora, 92.3 MHz frecuencia modulada , trasmite Radio Santa Cruz desde Santa Cruz de la Sierra, Bolivia" al s/off dicen "Un día más ha transcurrido y al terminar nuestra jornada, radio Santa Cruz se despide de ustedes, con el deseo de que la paz y la alegría permanezca en sus hogares, mañana nuevamente estaremos con ustedes, acompañándolos en el hogar, en el trabajo y en toda su vida, Radio Santa Cruz, emisora del instituto radio fónico Fe y Alegría, trasmite en su frecuencia de 970kHz onda media, 6135 kHz banda de 49 metros onda corta, sus la oficina están situadas en el barrio en el Flores.....(escuchar grabación adjunta)0205 s/off



6134.80 Santa Cruz PFA 2013, Set 4.mp3

6173.90 PERÚ, R. Tawantinsuyo, Cusco, 26/08 2220-2345 44444 mxf ID “Así amigo de Radio Tawantinsuyo... español y quechua” mxf huayno ID “En esta hermosa tarde estamos disfrutando de la buena música con Radio Tawantinsuyo..” En esta oportunidad con los Apus del Perú” mxf

La recepción la he efectuado del 25/08 al 19/09 en compañía de mi sabueso Icom IC R72 acompañado del Mizuho KX-3, una antena de hilo largo de 12 metros y una antena loop.

Muchos 128's /PFA

StationList V2.1.2.7 released

FM+ support:

- FM+ can be controlled via SL as long as frequency settings are done via SL.
The "closed box" concept of FM+ prevents SL from reading out current settings of FM+
- FM+ compatible time scheduled recording are made when specifying a frequency of 87500 ... 108000 kHz.
SL uses Perseus.exe for it.

Posting logs to Visual Logbook:

- now allows to include a comment
- will update the time stamp of the entry (if present) in the local log. This entry will be shown pink to remind you what you logged the last 6 hours, and prevents you from re-posting to VLB during this period.

Playback-Selector:

- Squelch-level setting remains unchanged when playing a different file
- Perseus-playback-position calculation now with higher precision allowing the use of more than 30 steps
- reduce the shown wav-files to a specific day
- Extract and copy a WAV-file: (similar to WavChopper) the section marked as playback loop on Perseus' trackbar can be copied to another file

Server-Selector:

- When server-geo-coordinates are filled in, the QTH reference is set to those, and a separate window then shows tx in that vicinity (default: 400km radius). Distances are shown in respect to that server site.

Show stations X km around a remote Tx site:

- Lists only stations located inside an area with radius x km around the selected Tx
- Lists only stations located inside the path from a remote tx to your QTH, very useful during sporadic-E.
Paths can be visualized in google maps to assist in studying propagation paths

Screenshot Perseus Waterfall now with option to store into user defined file

OnAirUTC column: allows from- or -til time only entries. Example: "0800-" or "-2100"

Antenna-Selector: supports coax-controlled switch

http://zeiterfassung.3sdesign.de/station_list.htm http://dx.3sdesign.de/tv_offset_list.htm

(Jurgen Bartels Suellwarden, N. Germany via Pesesus_SDR YG)

Jurgen, very good work! I use this software every day. Easy and very reliable and lots of good stuff. But I recommend that you read the help file carefully to fully understand all the goodies.

On his website Jurgen gives some important hints:

*Warning for Perseus users: **Do not use VSPE !!***

SL communicates with Perseus via virtual com-ports. Use only com0com for maximum reliability.

*A few users have experienced **severe Perseus lockups** and other problems when using VSPE.*

Warning for Win7 / Vista users:

When unpacking with WinZip or Window's built-in unzipper, the help-file becomes unreadable because of Win7 security measures.

***Solution:** Right-click on StationList.chm, select properties and unblock it. Or simply use WinRar to unpack.*

/Thomas Nilsson