

SHORTWAVE BULLETIN

Issue no. 1802, July 20, 2014.

Deadline e-mail next issue: 0900 UTC, Aug 3, 2014.

Tog en cykeltur förra lördagen som höll på att sluta riktigt illa. På gokartbanan här i närheten hade man tävlingar och nyfikenheten tog överhand när jag passerade. Vägen ut därifrån är en ganska brant grusväg och trots kraftig inbromsning kasade cykeln ut mot kanten så jag blev tvungen att kasta mig av och landade på axeln. Det blev en rejäl smäll och kändes som axeln eller nyckelbenet gått av. så det blev 3 timmar på akuten. Som tur var bara ligamentskador. Men fy sjutton vad det värker i kroppen fortfarande. Så kan det gå när man vill hålla konditionen uppe. Stort tack till alla som hört av sig med bidrag av ena eller andra sorten. Tyvärr ser det inte så ljusst ut för kortvägen framöver - se Anker Petersens kommentarer längre fram. JOE uppmärksammar att SWB nu är inne på sin 54:e säsong och snart får väl vi också fundera om bullen framledes har något berättigande. Det är i varje fall sällan några nya stationer tipsas.

Keep on

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SWB-info

SWB on HCDX:

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SWB member information:

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Dateline Bogotá 1993-1998:

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QSL, kommentarer, mm.

Ullmar Qvick: Har inte haft något att rapportera; uppgifter om pirater är inte så intressanta utanför den krets som sysslar med dessa stationer, loggningsuppgifter i regel utan värde genom att sändningarna är oregelbundna i tid och frekvens. Men jag har fångats av lyssningen på piraterna, liksom t.ex. DO och en hel del QSL har kommit, dock är många obesvarade. Ville kommentera dina bekymmer med tripsar. Jag råkar vara en av de få som vet mer om dessa småkryp här i Sverige. Under 5-6 år samlade jag och arbetade med tripsar och lyckades öka antalet kända arter i landet från 100 till 120. Jag hittade också en hanne till en art där tidigare endast honan var känd!

Jag upphörde med den här forskningen genom att det var så svårt att identifiera triviala arter före monteringen på objektglas. Jag satt där med hundratals ex av Thrips major L. där det endast var noteringar om värdväxten som kunde motivera att man samlade dem.... Jag övergick tillsammans med två kamrater i Eskilstuna till att samla flugor, vilket jag fortsatte med till omkring 1990. Sen ökade trycket från jobbet med albanska översättningar, det visade sig omöjligt att vara "up to date" inom två så svåra och krävande områden samtidigt.... Efter några veckors inaktivitet hade man tappat greppet.... Preparaten av tripsar är fascinerande att studera i mikroskopet. Jag hade besök under ett antal dagar av en synskadad tysk sändaramatör, när jag bodde utanför Hagfors i Värmland. Han och XYL bodde i husvagn men var hos mig på dagarna. Jag var fränskild och uppskattade sällskapet. En morgon hittar jag Manfred sittande vid mikroskopet med en låda tripsar framför sig. Han hade suttit i timmar och studerat dem. Variationerna och de intressanta detaljerna fångslade honom.... Tripsarna kan vara mycket irriterande, jag har själv blivit biten av dem (ja på två sätt biten, hehe). De har en liten sugsnabel och de penetrerar huden på människan då de behöver något att dricka. De är inte blodsugare, de är bara törstiga! Genom massförekomst kan de givetvis bli mycket besvärande, ungefär som svidknott (fast de sistnämnda är värre, man kan säga urdjävliga!)

Nog för denna gång, Thomas. Hoppas tripseländet avtar så du kan vistas ute problemfritt. Men du ser att här är en som haft glädje av de här djuren.... De arter som lever på trädsvampar är mest intressanta och okända, och de ger sig inte på oss...

(Stort tack för dina kommentarer, trodde inte trips var kända för andra än de som bor mitt ute på vischan /Thomas)

Dan Olsson: Hej i sommarvärmen! Här kommer ett litet livstecken ifrån DO.

Aktiviteten på radiofronten har varit låg förutom idag 19/7 då jag var på Kullaberg och FM-DXade. Resultatet blev 13 nya danskar och 1 norrman.

Annars kommer jag den närmaste veckan stå och steka hamburgare mellan 08.00-15.00 på O-ringens 5 dagars. Varmt blir det med allra största säkerhet.

Lite QSL har kommit in sedan sist. **6155 ORF/Mossbrunn** brev och frimärke (tog bara 38½ år att få denna svåra station verifierad), **6295 Hit Mix Studio** kort o foto, **6305 R Akenzo** e-brev och kort samt **AWR/Mossbrunn**.

Johan Letterståhl: Kom hem från Gotland igår lördag och har tyvärr inte hunnit kollat igenom det lilla som hördes där under 12-18/7.

Gör förmodligen ett nytt försök från Bergslagen kommande vecka och återkommer till nästa stoppdatum!

Ha de gott i värmen!

Björn Olsson, Morjens Thomas, just inkommen efter en tur med 'Jojk' (vår border collie) förvånas jag än en gång av vilken fräschör som utmärker morgonstund med dagg i gräset, doften av vitklöver som täcker marken i våra hästagar, trädgårdssångarna som porlar likt en aldrig sinande fjällbäck, 25 grader redan kl 08. Det är som om varje morgon just fötts på nytt, och man (omskrivning för jag) känner sig pigg (ovanlig känsla för en DX:are) och nyfiken på vad på vad dagen ska ha för något att bjuda på.

Redan vid 12-tiden börjar den nyfödd dagen kännas litet sliten, värmen tryckande, åkervädden luktar hästkit, och daggen har dunstat bort, de enda fåglar som hörs är kajorna som väsnas i sin kolonier.

På kvällen vill man bara att den nu utslitna dagen med den uppskruvade förhoppning den ingett ska ta slut.

Der sista jag gör är att gå ut med Jojk, som inte alls tycks påverkad av dagens utslitna karaktär utan är lika levnadsglad som på morgonen och nosar på varje hundskit som vore den kejsarens konkubin vars svett inte doftade sura bakterieärdar utan mysk och ambra enligt berättelsen.

Därmed vare slut på denn exkurs om inget alls.

TACKFÖR TIPSET PÅ Ondas del sur Oriente, 4835, INNEHÅLLSMÄSSIGT STÄMMER DR MYCKER BRA: tyvärr spelade jag inte in nåt 3 juli då den gick bäst. Den hördes mkt överraskande och inspelningsgrejerna var inte anslutna. Den hördes i ytterligare tre nätter men sjönk varje natt allt djupaare i brassemixen.

mem nu när jag vet om den ska den bevakas, Jag känner nåt speciellt för stationerna där efter en tids vistelse i Ucayalidalen. Har alltid haft dragning till 90- och 120.mb. I natt gick Cultura Araraquara 3365a rätt bra på 3365 efter att jag i veckor bara haft den oläsligt. Vet du någon LA-stn i 120-mb som nyligen loggats, ett kvitto på aktivitet?

Må gottt och tack för SWB som alltid är läsvärd!

Christer Brunström: Bangladesh Betar 13580 kHz QSL-kort och brev. Kuvertet var frankerat med hela 37 frimärken!

Dave Valko: I haven't made any loggings lately, but I have uploaded a number of reception videos on Youtube. Perhaps you'll find them of interest. Here are the links;

<http://youtu.be/ReN27LEAJg0> Radio Nacional da Amazonia, Good on 3 Frequencies

<http://youtu.be/WbxhcsWJ7eQ> Voice of Korea signing on and going off, KCBS going off, Wai FM IDs

<http://youtu.be/CiZD8evldsk> China Radio International and Radio Nacional da Amazonia

<http://youtu.be/xdXtnSd35os> CNR1 on old Firedrake frequencies

<http://youtu.be/EplArnZnksI> Voice of Nigeria

<http://youtu.be/2DRD0VqNIU> AIR Bengaluru, 15410 kiloHertz

<http://youtu.be/0xEQwjGFBLw> Shortwave Pirate Station; Whiskey Redneck Radio

<http://youtu.be/kfwPsknKDBE> Evening South American Shortwave radio stations heard in Pennsylvania (Yura, Para, Chaski, Santa Cruz, Fides)

<http://youtu.be/EwM5qVRbkb8> Radio Caiari

http://youtu.be/Od_I-8qv-pw Radio Logos, No Utility Interference and with Utility Interference.

http://youtu.be/IV_gNwXdprfw Super Radio Deus e Amor on 2 Parallel Frequencies in the 49mb.

<http://youtu.be/ZU6EktDpok4> Radio Santa Cruz amid white noise jamming of Voice of Freedom.

<http://youtu.be/9duwY8VK42A> Radio Free Sarawak signing off with several IDs.

John Ekwall: Passar på att vara inne någon timme i skuggan ute på Karön för att knåpa ihop ett bidrag. Swb nr 1 omfattande loggningar mellan 9-15 juli 1961. Vi har passerat denna period med några dagar 2014 så en ny årgång av SWB har sett sitt ljus.

I onsdags fick jag trevligt besök i Backaryd. Det var Lars Henningsson som tittade in. Lars var en av de första medlemmarna i SWB i början av 60-talet och lyssnade från Hejan (strax norr om Backaryd).

Det blev rätt mycket nostalgi-prat speciellt när Hasse Mattisson kom en halvtimme senare. HM är uppvuxen i Olofström och var med att starta en DX-klubb. Naturligtvis hade denna klubb en egen tidning och en rätt flitig bidragsgivare var just Lars i Hejan. Tyvärr gick tiden rätt fort men jag hoppas det blir fler besök av LH som ofta återvänder till sina hemtrakter.



Bifogar även en del brevhuvuden från Angola-stationer.



Stort tack till JOE som hittat och skannat dessa snygga brevhuvuden. Samtliga dessa stationer är nu helt borta från kortvågen.

Log

(UTC)

2368,48	Jul9	1242	Radio Symban (presumed), 1242-1256. After daily monitoring here, finally had audio level that confirms they are carrying Greek music; clearly not Radio LMS (The Voice of Le Manamea Samoa) with Samoan music; my local sunrise was 1257 UT, so as expected, reception only possible just before my sunrise. Very nice to hear their Greek music again, even with a lot of QRN, summertime static. July 10, heard Radio Symban as early as 1210, again with Greek music/singing. Weak, but definitely them for two days in a row. (Ron Howard, Asilomar State Beach, CA, USA)
3205	Jul12	1132	NBC Sandaun at 1132 with man talking at length in Tok Pisin - Fair. Sellers-BC via DXLD
3210	Jul9		[Non] Vintage FM remains silent through July 9. Also have not been able to hear them on 5050 (Ron Howard, Asilomar State Beach, CA, USA)
3260	Jul12	1038	NBC Madang at 1038 in Tok Pisin, pop music, man giving phone number, 1101 mentions of "hallelujah" and "Sunday" - Poor Sellers-BC via DXLD
3280	Jul12	2220	UNID grega, canções gregas; 2. ^a harmónica de 1640 (SINPO 25342); 25331. Carlos Gonçalves
3310	Jul12	2216	R. Mosoj Chaski, Cochabamba, quíchua, texto; 24341, QRM de sinal em BLS. Carlos Gonçalves
3344,87	Jul7	1202	RRI Ternate. Heard daily now; mostly non-stop reciting from the Qur'an, with a few phone calls; seems to never carry the 1200 Jakarta news. (Ron Howard, Asilomar State Beach, CA, USA)
3345	Jul12	1136	RRI, Ternate, at 1136 with Islamic chanting - Poor with occasional ute that would cover RRI, 3325 Palangkaraya also poor this morning, Sellers-BC via DXLD
3364,9	Jul16	2215	R.Cultura (p), Araraquara SP, A Voz do Brasil; 15341. Carlos Gonçalves
3365	Jul12	1148	NBC Milne Bay at 1148 with woman in Tok Pisin - Poor Sellers-BC via DXLD

3385	Jul9	-1228*	NBC East New Britain. July 9 with nice anomaly; expecting the normal cut off time of 1200, but continued on till about 1228*, 1201 PNG bird call; "Good night Papua New Guinea. The News Roundup"; with news and "weather forecast" (wx now a regular feature with the news); 1207 "Provincial News" in Tok Pisin/Pidgin; ads and promos; DJ with "musical requests," listing persons with dedications for pop songs; almost fair. July 10 - Yesterday was not an anomaly, but instead a new sign off time. They have re-set the timer for closing down the transmitter; ex 1200*. Today off at 1229:20*. Same format as yesterday. (Ron Howard, Asilomar State Beach, CA, USA)
3385	Jul12	1138	NBC East New Britain at 1138 in Tok Pisin, pop music, 1150 several ads in English, including one for a car dealer identified as a "supporter of NBC East New Britain", 1153 phone number and invitation for dedications - Good Sellers-BC via DXLD
3945	Jul12	1207	Radio Vanuatu at 1207 in Bislama, soft vocals, 1212 male announcer and into anthem for a minute until 1213:30 then dead air - Poor Sellers-BC via DXLD
4319	Jul12	2223	AFN, Diogo Garcia, música pop'; 34342, QRM adj. de sinal de ponto a ponto. Carlos Gonçalves
4699,9	Jul13	2231	R. San Miguel, Riberalta, castelhano, música pop' índia; 25331. Carlos Gonçalves
4714,7	Jul13	2232	R. Yatun Ayllu Yura, Yura, quíchua ou aimara, texto, canções índias; 35332. Carlos Gonçalves
4750	Jul7	1231	Bangladesh Betar - HS. RRI Makassar continues to be absent here; because of Ramadan the SAARC Monday news bulletin in English was preempted; 1254 call-to-prayer (Maghrib prayer - sunset prayer) and some reciting from the Qur'an; 1308 weather in English (preempted from usual 1253 time) (Ron Howard, Asilomar State Beach, CA, USA)
4774,9	Jul12	2251	R. Tarma, Tarma, castelhano, música pop' índia; 45433. Carlos Gonçalves
4775	Jul11	2145	R. Congonhas, Congonhas MG, progr. de propag. relig., música; 25331. Carlos Gonçalves
4805	Jul12	2249	R. Dif. ^a do Amazonas, Manaus AM, propag. relig.; 45433. Carlos Gonçalves
4824,48	Jul16	0002	LV de la Selva Iquitos with ID and ann. good signal but low audio. TN
4835	Jul14	2215	VL8A, Alice Springs, Territ. ^o do Norte, nglês, notícias; 34332, QRM de PRU. Carlos Gonçalves
4835	Jul14	2216	R. Ondas del Suroriente, Quillabamba, castelhano, canções anúncios comerciais; 23331, QRM da AUS. Carlos Gonçalves
4845	Jul13	2225	R. Cultura Ondas Tropicais, Manaus AM, discussão em torno dos resultados da Taça da FIFA, até às 2229, a que se seguiu ID e anúncio da freq., canções; 44332, QRM de CODAR. Carlos Gonçalves
4869,89v	Jul7	1202	RRI Wamena. Jakarta news // RRI Palangkaraya (3325), ending at 1226 with usual patriotic song "Bagimu Negeri" (For You Our Country). BTW - RRI Makassar (4749.95) continues silent through July 9. (Ron Howard, Asilomar State Beach, CA, USA)
4875,06	Jul11	2146	R.Dif. ^a de Roraima, Boa Vista RR, noticiário local; 34342, em ascensão, apesar da QRM de CODAR. Carlos Gonçalves
4905	Jul11	2203	Nova R.Relógio, Rio de Jan. ^o RJ, A Voz do Brasil; 33341, QRM da CHN e de sinal de ponto a ponto. Carlos Gonçalves
4910	Jul13	2217	VL8T, Tennant Creek, Territ. ^o do Norte, inglês, texto; 24321, QRM adj. do B 4915 e da CHN 4905. Carlos Gonçalves
4915	Jul11	2205	R. Daqui, Goiânia GO, A Voz do Brasil; 44433, QRM da R.Dif. ^a de Macapá, B. Carlos Gonçalves
4925,2	Jul11	2208	R. Educação Rural, Tefé AM, A Voz do Brasil; 2. ^a parte às 2225; 35332. Carlos Gonçalves
4955	Jul12	2238	R. Cultural Amauta, Huanta, castelhano, propag. relig.; 35342. Carlos Gonçalves
4965	Jul12	2240	R. Alvorada, Parrintins AM, canções; 44342, QRM adj. de sinal de ponto a ponto. Carlos Gonçalves
4965,010	Jul6	2300	R Alvorada de Parintins now 100% definite. // to a 2 min. delayed webstream. Easy to hear the ID from the web but the noise just above 4865 is very annoying, but when you know what will come you can hear the ID. This frequency carries their FM cultural program. The station was gone for a week or two but back again from July 6. Parintins is known for a popular folklore festival held there each June called Boi-Bumbá. See more info below. TN
4975,98	Jul9	1850	UBC R, Kampala English and vernacular ann, African songs. Nothing on 7195. 35233 AP-DNK
4976	Jul12	1834	R.Uganda, Kampala, música pop' afric. e ocidental; 45332, mas em ascensão. Carlos Gonçalves
4985	Jul11	2210	R. Brasil Central, Goiânia GO, A Voz do Brasil; // 11815; 45333, heterodinagem, contornável, c/ o PRU 4985,5. Carlos Gonçalves
4990	Jul13	2221	R. Apintie (p), Paramaribo, texto, música; 15331. Carlos Gonçalves
5010,43	Jul18	1915	R Madagasikara still there with their unstable transmitter, TN
5024,9	Jul12	2242	R. Quillabamba, Cuzco, canções índias; 34342, QRM da AUS. Carlos Gonçalves
5024,92	Jul15	2300	R Quillabamba Cuzco. The only chance to hear this station is to listen before 2330, then R

5025	Jul13	2222	Rebelde becomesw very strong and blocks the frequency completely. TN VL8K, Katherine, Territ. ^o do Norte, inglês, texto; 24331, QRM de PRU 5024,9 e, pontualmente, de sinal em BLS. Carlos Gonçalves
5035	Jul11	2216	R. Educação Rural, Coari AM, A Voz do Brasil; 23331, QRM da R.Aparecida, B, igualmente c/ a Voz do Brasil. Retransmissões assíncronas. Carlos Gonçalves
5049,2+	Jul11	0524	R. Rebelde is still here way off-frequency instead of 5025. Next check at 1222 UT, still there with fair signal, altho no attempt to remeasure. Meanwhile, Wolfgang Büschel was using a remote receiver in Cocoa FL of N9JY and at 1240 July 11 did measure it on 5049.239 at S9+15. Don't know if it had varied a bit, but within my margin of error on the keyboard, i.e. 761 Hz from 5050, between the notes at 740 and 784 Hz. Will be interesting to note whether the misoperators correct it by UT July 12 before WWRB reattempts to use 5050 (Glenn Hauser, OK)
5860	Jul9		[Non] Voice of Jinling. Off the air for summer maintenance? Recently not heard at all after their normal 1230 sign on; through July 9. Hope is not a change in their sign on time! On their printed QSL card, name is spelled "Jingling." Why? https://app.box.com/s/ex5pnxqgmgf2wlpi0vnp See 6200 log! They seem to have moved to that frequency. (Ron Howard, Asilomar State Beach, CA, USA)
5860	Jul19	1605	Radio Farda, Iranawila, Puttalam, Sri Lanka, SIO 454 Christoph Ratzer
5915	Jul11	2241	NBC-Radio 1, Lusaka, dialecto local, música pop' africana; 45332. Carlos Gonçalves
5915,0	Jul18	1430	Naypyidaw outlet S=9+10dB or -63dBm, co-channel CRI Mongolian from Hohot-CHN #694 txing site. (wb, wwdxc BC-DX TopNews July 18)
5950	Jul14	1740	Voz da Revolução do Tigrê, Geja Dera (ou Geja Jawe?), tigrê (t), texto, canções do Corno de África; 35342. Carlos Gonçalves
5952,45	Jul12	2317	R. Pfo XII, Siglo XX, quíchua, texto, chamadas de ouvintes; 34432, QRM adjacente. Carlos Gonçalves
5964,7	Jul12	1217	Klasik Radio at 1217 in Bahasa May with pop songs, woman DJ, 1233 mention of Malaysia then back to music - Fair July 12 Sellers-BC via DXLD
5964,700	Jul18	1440	RTM Klasik Nasional FM at 1440 UT, July 18, and co-ch even 5965.0 CRI Xian in Korean sce language. (wb, wwdxc BC-DX TopNews July 18)
5964.701	Jul19	1630	footprint, RTM Klassik Kajang MLA transmission at 1630 UT on July 19, S=7-8 or -78 dBm signal into southern Germany target. Rather Turk folks language melody like smooth song heard in 1634-1638 UT slot. At 16.40:10 UT another - stronger - carrier came on air on even 5965.0 for few seconds. I guess a TX-/antenna-ready check of Yamata or Beijing txing site, who use this channel later at nighttime. (wb, wwdxc BC-DX TopNews July 19)
5965	Jul16	1132	Checking on Radio Klasik (Malaysia) on 5964.68, as I normally do about 1132, but today for the first time found what seemed to be white noise jamming, completely blocking Radio Klasik. Against who? Is there someone new on 5965? Needs more monitoring. Thanks for the following feedback: From Dan Sheedy (Southern Calif.) July 16 – “yup, heard here as well this morning 1130+..even gumming up CRI-5965 *1400..the noise doesn't sound quite like the NK version on 6003/6015/6135 but that probably doesn't mean much.” ----- From Mauno Ritola (Finland) July 17 – “Yes, jamming there already at 1030, but no other carrier present except MLA. Strange. Maybe it spreads all the way from 6003 kHz jammer?” ----- Appreciate receiving their comments and observations. (Ron Howard, Asilomar State Beach, CA)
5970	Jul13	2203	R. Itatiaia, Belo Horizonte MG, progr. sobre futebol; 25331. Carlos Gonçalves
5980	Jul11	2232	R. Chaski, Cuzco, catelhano, propag. relig.; 35332. Carlos Gonçalves
5985,22	Jul18	1235	Myanmar Radio on July 18 something new here. For as long as I can remember they used one of two transmitters; being either on exact frequency - 5985.00 or the off frequency one - 5985.8. Recently have observed on different days both 5985.00 and 5985.8, so today was clearly a new frequency for them; noted at 1235 and 1301 (before clandestine Shiokaze signs on at 1330). Perhaps Wolfy or others can measure the frequency more accurately? Appreciate any help with a Perseus exact frequency! (Ron Howard, Asilomar State Beach, CA) ----- I get it as 5985.228 kHz. 73, Mauno Ritola ----- Yes, Ron, your are correct, at 1430-1500 UT in AUS: 5985.228 is footprint frequency of Myanmar Radio at 1430 UT on today July 18, probably from old empire Rangoon transmitting center. S=8 or -75dBm signal strenght on remote SDR unit in downunder Australia. (wb, wwdxc BC-DX TopNews July 18)
5990	Jul19	1558	PBS Qinghai, Xining, China, SIO 353 Rundfunk aus einer früheren Provinz Tibets, Sendeschluß um 1600 UT. Christoph Ratzer
5990	Jul11	2233	R. Nacional da Amazónia, Parque do Rodeador DF, 2. ^a parte de A Voz do Brasil; 35332; //

			6180, 11780. Carlos Gonçalves
5990,1	Jul12	0123	RNA extra frequency with phone conversation, significantly off-frequency. Others report it as 5990.11. Good signal >4 kW. (Glenn Hauser, OK) <i>Yes, noted here on 5990,11 July 13 at 0100. TN</i>
6000	Jul14	2211	R. Guaíba, Pt.º Alegre RS, 1.ª parte de A Voz do Brasil; 24331, QRM adjacente. Carlos Gonçalves
6003,1	Jul14	2215	Eco de Esperança, Suweon, Coreia do Sul, emissão em coreano destinada à Coreia do Norte, texto; modulação muito fraca; 34332, QRM adjacente. Carlos Gonçalves
6010	Jul12	2319	A Voz da tua Consciência, Lomalinda, canções folclóricas colombianas; 34432. Carlos Gonçalves
6010,03	Jul11	2235	R. Inconfidência, Belo Horizonte MG, 2.ª parte de A Voz do Brasil; 34331, QRM da CHN 6010. Melhor sinal em 15/7, 2200. Carlos Gonçalves
6015	Jul8	*0255-	ZBC Radio, *0255-0401. Different format now for Ramadan; normally suddenly on with Spice FM music, but today had chatting till brief "Zanzibar song"; pips (5+1); mostly monologue; 0314-0330 reciting from the Qur'an; 0359 normal drums leading up to pips (5+1) and the news (Ron Howard, Asilomar State Beach, CA, USA)
6019,999	Jul18	1440	VoVTN 4th sct from Daclac transmitting site, nearly even frequency in Vietnamese. (wb, wwdxc BC-DX TopNews July 18)
6024,97	Jul1	0057	Red Patria Nueva alone and clear. Has been here on the low side for a long time. R Amanecer has been off for a very long time and was last reported in Aug 11 on 6025,07 acc. to LA SW logs. TN
6025-	Jul12	0119	very poor signal with talk, slightly on the low side, like 6024.96 or so, one click on the 40-Hz DX-398 steps. Surely Red Patria Nueva; LSB decreases Cuban Radio war on 6030, but I rarely hear anything at all on 6025. This is certainly the weakest of the Bolivians on 49m, even less signal than 6155+ < 5952+ < 6134.8. Wolfgang Büschel reported 3+ hours later: ``UNID 6024.971 kHz tiny signal at 0430 UT``, and RPN has also been traced on the low side by others such as: ``6024.98, at 2305 UT July 7, Red Patria Nueva, La Paz, Under China N.R. most with talks and music, weak. 73, (Maurits Van Driessche, Belgium, Hard-Core-DX mailing list via DXLD)``
			----- Those not in the know that R. Amanecer Internacional, Dominican Republic, has been off the air for *years* might make a different assumption based on its being preserved as if active in Aoki and the other databases cluelessly depending on it. The only other thing besides ``Radio Illimani`` in Aoki is Lhasa, Tibet, unlikely (Glenn Hauser, OK)
6049,990	Jul18	1440	Probably RTM Asyik FM from Kajang, underneath also PBS Xizang Mandarin, via Tibet noted here. (wb, wwdxc BC-DX TopNews July 18)
6080	Jul13	2205	R. Marumby, Curitiba PR, propag. relig., canções; 23331, QRM da CHN. Carlos Gonçalves
6089,9	Jul14	1742	R. Nigéria, Kaduna, dialecto local, texto, a que se seguiu oração corânica; 45343. Carlos Gonçalves
6110	Jul14	1744	R. Fana, Geja Dera (ou Geja Jawe?), oromo (segundo listas), texto, música pop' local; 35332. Carlos Gonçalves
6115	Jul14	1801	R. Congo, Brazzaville, francês, (longo) noticiário; 24331, QRM adjacente. Carlos Gonçalves
6120	Jul11	2238	SRDA, São Paulo SP, 2.ª parte de A Voz do Brasil; 35332. Carlos Gonçalves
6155	Jul13	1237	CNR2/China Business Radio. A popular variety show (comedy, music, etc.); in Chinese; is frequently broadcast via CNR2; good reception; occasional nice English IDs; "Ladies and gentlemen, Haiyang live show. It's brought to you by Haiyang live from Beijing." Audio at https://app.box.com/s/blshq8rw2d8k71nalva5 . // 6065, 7265, 7315 and 7375 (Ron Howard, Asilomar State Beach, CA, USA)
6155,1	Jul12	2245	R. Fides, La Paz, castelhano, canções; 35432. Carlos Gonçalves
6159,,95	Jul13	2215	CKZN, São João da Terra Nova, inglês, noticiário da CBC Radio 1; 34332, QRM adjacente. Carlos Gonçalves
6165	Jul13	2209	R. Voz do Vietname, Xuan Mai, mongue, texto, canções; 34342, QRM adj. da CHN 6175 c/ progr. em português, via retransm. europeia. Carlos Gonçalves
6165,0	Jul18	1430	Undoubtedly Pyin U Lwin Myanmar bcasting program noted at same time, co-ch CNR6 Beijing equal level. Nothing heard on 7185/7200/7215 kHz Rangoon channel. (wb, wwdxc BC-DX TopNews July 18)
6180	Jul12	0900	R. Nacional da Amazônia, Parque do Rodeador DF, 0900-desvan. total 1005, canções populares, texto; 15331. Carlos Gonçalves
6199,9	Jul12	2247	R. Technische Man, HOL, holandês, música pop', texto, anúncios de fecho da emissão; 44433, QRM adjacente. Carlos Gonçalves
6200	Jul10	1400	Voice of Jinling is now ex: 5860! They have moved to 6200 kHz. Mixing with PBS Xizang (Tibet). For many years Tibet had sole possession of 6200, but no longer. VOJ is stronger by far than Tibet, so bad news for PBS Xizang. Noted with the usual "FM" IDs at 1400. (Ron Howard, Asilomar State Beach, CA, USA)

6305	Jul12	2250	UNID holandesa, canções holandesas e música pop'; 45332. Carlos Gonçalves
6325	Jul12	2315	R. Merlin Int'l, G, inglês, baladas, texto; 35332. Carlos Gonçalves
7120	Jul12	1836	R. Hargueisa, Hargueisa, Somalilândia, dialecto local, texto; 44332, QRM de estações de amador. Carlos Gonçalves
9515	Jul13	2133	R. Marumby, Curitiba PR, progr. de propag. relig.; 34433; // 6080 c/ sinal pobre. Carlos Gonçalves
9565,05	Jul15	2203	SRDA, Curitiba PR, A Voz do Brasil; 22442, modulação muito fraca, QRM de freqs. adj. e do sinal de empastelamento cubano (contra a R.Martí, EUA). Carlos Gonçalves
9586,4	Jul11	2240	SRDA, São Paulo SP, A Voz do Brasil, 2.ª parte; 35433. Carlos Gonçalves
9629,85	Jul13	2136	R. Aparecida, Aparecida SP, missa; 45433, modulação de fraca qualidade. // 11864,8, 6135 aprox. (a "confusão" na freq. inviabilizou a medição), 5035. Em 12/7, no período da noite, o tx esteve desligado durante algum tempo. Carlos Gonçalves
9645,4	Jul14	2139	R. Bandeirantes, São Paulo SP, texto; 32441, QRM adjacente. Carlos Gonçalves
9818,7	Jul13	2138	R. 9 de de Julho, São Paulo SP, canções, rubrica em castelhano (!) sobre imigração (e talvez também sobre emigração), 33442, QRM adj. da CHN 9820 + não identif. em 9815, c/ progr. em mandarim (p). Carlos Gonçalves
11735	Jul18	1036	Brazuguese promo for Bíblias with phone number, free ones? About equal level and zero-beat with music from North Korea // 11710. 1037 mentions Transmundial more than once, and also www.transmundial.com.br ; 1038 into YL DJ. I never hear R. Transmundial in the evenings; must sign off earlier despite Aoki listing 0800-0200. WRTH 2014 attempts to show hours for only a handful of ZY SW stations, not including this one. Unavoidably awake, now at 1040 I find these others active on 25m: 11780, 11855, 11915; not 11765 or 11925; and maybe 11815 under NHK (Glenn Hauser, OK)
11735,02	Jul7	-2100*	Zanzibar Broadcasting Corp., Dole Swahili talk, childrens choir, 2059 closing ann mentioning Ramadan, abrupt s/off 45444 AP-DNK

Sellers-BC via DXLD
Wolfgang Büschel, wb, wwdxc BC-DX TopNews
Carlos Gonçalves, Portugal
Christoph Ratzer Salzburg, Austria

AP-DNK Anker Petersen, Skovlunde, Danmark
TN Thomas Nilsson, Ängelholm, Sweden
Ron Howard, Asilomar State CA, USA
Glenn Hauser, Enid, OK, USA

As **R Alvorada de Parintins** is a seldom heard station here it might be appropriate to tell a little about the Rio Amazonas city Parintins in the far east of the state Amazonas. The city has about 110000 inhabitants.



Bio Bumba Carnival show, Parintins, Brazil” the most popular attraction in Parintins.

This part is copied from a review on Internet:

I was lucky enough to visit Parintins recently on a cruise down the Amazon. Parintins appears to be an innocuous smallish Amazonian town... But it hides a secret.. !!! Several days after mid winter solstice (21 June).. it holds a 3 day competitive festival - of two teams the 'blues' and 'reds'.. Each takes all year to devise a 70 minute programme of music, dance and costumes based around Brazilian folk legends... Everyone supports one or either team and some 15000 of each takes turns to cheer their teams' presentation in the Bombadrome.. - the other

supporters have to remain silent... The whole thing is an indescribable continuous cocophony of loud rhythmic Latin music and song... the dancers wear very heavy costumes and there are moveable 'sets.... If you are in the area... you must see this... an experience of a lifetime. If not, try and get on an Amazon cruise - it will dock in Parintins and the locals will lay on a smaller version of the Boi Bumba in a local auditorium ... this is also terrific.. we had a whale of a time.. helped of

course by the obligatory photos with some of the stunning lead dancers - both sexes.. !!!

CHASQUI DX PFA – JULIO 2014

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:

- 4054.98 GUATEMALA, R. Verdad, Chiquimula, 11/07 1100-1116 22222** mx religiosa px en inglés mx religiosa ID en inglés.
- 4774.90 PERÚ, R. Tarma, Junín, 12/07 1135-1205 44444** mx advs ID "La mejor música en su radio Tarma" px radio noticias.
- 4810.00 PERÚ, R. Logos, Tarapoto; 10/07 1120-1135 22222** px en dialecto de la zona mx religiosa en el mismo dialecto ID "Está en sintonía de radio Logos en los 4810kHz de la onda tropical" mx himnos religiosos en español.
- 4835.00 PERÚ, R. Ondas del Sur Oriente; 15/07 2205-2315 44444+** mx romántica en // con Radio Felicidad de Lima mx romántica por Daniel Bosé canción amiga ID "Desde Radio Felicidad"
- 4885.00 BRASIL, R. Dif. Acreana, Rio Branco; 15/07 1105-1120 33333** news y advs 7 horas y 12 ?..QRM la señal se perdió por el fuerte ruido.
- 4955.00 PERÚ, R. Cultural Amauta, Huanta; 15/07 1122-1145 44444+** px en quechua advs sobre las iglesias evangélicas de la zona mx religiosa en español ID "En quechua.. Radio Cultural Amauta".
- 4985.50 PERÚ, R. Voz Cristiana, Chilca, Huancayo; 1/07 2315-2335 33333** mxf con tema religiosos ID "Radio Voz Cristiana 1470 AM" px en quechua ID "Radio Voz Cristiana"
- 5024.92 PERÚ, R. Quillabamba, Quillabamba, Cusco; 11/07 1138-1200 33333** Tratan sobre los diferentes partidos políticos en la próxima elecciones municipales ID "Muchas gracias por su presencia en Radio Quillabamba" mx ID "Radio Quillabamba" px deportivo comenta sobre el mundial de futbol ID "Radio Quillabamba pionera en educación y cultura".
- 5980.00 PERÚ, R.Chaski, Urubamba, Cusco; 15/07 2320-2335 44444++** px El Camino de la vida, religioso en español en // con la Red Radio Integridad, 700AM de Lima mx himno religioso px Momentos decisivos "Mientras el Señor Regresa"
- 6010.00 COLOMBIA, R. La Voz de tu Conciencia, Bogotá, 17/07 2325-2345 44444** mx himnos religiosos y mxf (joropo) con mensajes religiosos ID "Por la Voz de tu Conciencia".
- 6025.00 BOLIVIA, R. Patria Nueva, La Paz; 18/07 2240-2310 44444** news ID "Informa Patria Nueva desde la Paz" px Bolivia Informa news advs y mx con mensaje político advs Campo Ferial Yanamarca.
- 6050.00 ECUADOR, R. HCJB, Quito; 17/07 2255-2320 44444** ID "A través de HCJB" mx y news hablan sobre el canje de la deuda externa de Ecuador con España y otras noticias regionales.
- 6134.80 BOLIVIA, Santa Cruz, Santa Cruz; 1/07 2245-2310 44444+** px Bolivia en Contacto news ID "Está en sintonía de su Radio Santa Cruz....." saludos desde la red Huarano de comunicaciones el informativo advs.
- 6155.10 BOLIVIA, R. Fides, La Paz; 15/07 2340-0005 44444** mxf mx advs Banco los Andes px El Hombre Invisible ID "El grupo Fides presento..." ID "Radio Fides la voz permanente de Bolivia" ID "La historia de Bolivia es Radio Fides" px En Contacto. **NOTA. Observo cambio de frecuencia antes 6154.90 ahora 6155.10 verificado en USB Y LSB.**
- 6173.85 PERÚ, R. Tawantinsuyo, Cusco; 17/7 2350-0010 44444** fuerte zumbido a la 2300 mejoro, mejor lo escucho en LSB mx romántica LA px Noticiero ABC ID "Noticiero ABC que se transmite desde Cusco a través de Radio Tawantinsuyo".

La recepción la he efectuado del 1/07 al 18/07 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

(Pedro, thanks a lot for that report! /TN)

Station news

CLANDESTINE. 15425, Radio Free Sarawak, 1237*, July 14.

An anomaly with them running past the normal 1230 sign off; very nice surprise to catch their new sign off announcement in English;

audio at <https://app.box.com/s/chpj55rsosecpsw9m0l6> - "Like the man says, all good things must come to an end, till then, this is Peter John Jaban, Michael Teo and the rest of the team, says good night, sweet dreams and sleep tight."

BTW - jamming heard today from tune in at 1143 till it went off at 1228 (Ron Howard, Asilomar State Beach, CA, USA)

PERU: RESOLUCIÓN VICEMINISTERIAL N° 399-2014-MTC/03 Lima, 17 de junio del 2014

Artículo 1°.- Otorgar autorización al señor VÍCTOR ANCELMO MORILLO DE LA CRUZ, por el plazo de diez (10) años, para prestar el servicio de radiodifusión sonora comercial en Onda Corta Tropical (OCT) en la localidad de La Libertad, departamento de La Libertad, de acuerdo a las condiciones esenciales y características técnicas que se detallan a continuación:

Condiciones Esenciales:

Modalidad : RADIODIFUSIÓN SONORA EN OCT
Frecuencia : 4910 KHz.
Finalidad : COMERCIAL

Características Técnicas:

Indicativo : OAW-2H
Emisión : 10K0A3EGN
Potencia Nominal del Transmisor : 1 KW.
Clasificación de Estación : CLASE "D"

Ubicación de la Estación:

Estudio : Calle Simón Bolívar N° 675, distrito y provincia de Santiago de Chuco, departamento de La Libertad.
Coordenadas Geográficas : Longitud Oeste : 78° 10' 29.08'' Latitud Sur : 08° 08' 43''
Planta transmisora : Área Rural San Cristóbal Parte Alta, distrito y provincia de Santiago de Chuco, departamento de La Libertad.
Coordenadas Geográficas : Longitud Oeste : 78° 10' 32.17'' Latitud Sur : 08° 08' 14''
Zona de Servicio : Dentro del territorio nacional, principalmente la localidad de La Libertad.

La autorización otorgada incluye el permiso para instalar los equipos de radiodifusión correspondientes. De acuerdo con lo establecido en el artículo 52° del Reglamento de la Ley de Radio y Televisión, para el caso de los enlaces auxiliares se requiere de autorización previa otorgada por la Dirección General de Autorizaciones en Telecomunicaciones.

El plazo de la autorización y permiso concedidos se computará a partir de la fecha de notificación de la presente Resolución, la cual, además, será publicada en el Diario Oficial El Peruano.

The complete resolution in pdf format came from Tore B. Vik. For those who want the complete resolution, please contact me. Thanks a lot TBV for sharing this good news. /TN

GERMANY: 6150 kHz. UNID. Der Standort ist Datteln, zwischen Münster und Bochum, nördlich vom Ruhrpott. In Süddeutschland als "Technische Versuchssendung" gehört. Datteln in Nordwest Deutschland, 10 Watt Leistung, genau auf 6150.003 kHz Fußprint, S=5 oder -100dBm um 1525 UT mit dem Hänschen-klein Thema auf dem Klavier getastet. Dagegen S=8 -73dBm bei Hans - DL4YBP in Lübecke - näher dran an der Steilstrahlung. Zum Vergleich Kall Eifel R 700 mit Slovak program S=7-8 -84dBm, und der richtige große RFE/RL Lampertheim Sender auf 6105 kHz mit propperen S=9+10dB -62dBm, wenn auch nicht im Zielgebiet. 73 Wolfgang Büschel via A-DX)

Gestern Abend mit Testansagen, da wurde sogar die für die Sendungen verantwortliche Organisation genannt. In Deutschland aber wegen der toten Zone nicht zu hören, hier in Döbriach war das Signal zwar aufzunehmen, aber für die ID war es dann doch zu schwach. 10 Watt Leistung soll die Station machen. Das hatte ich verstanden. E-Mail-Adresse tent. 6150@yahoo.com. (Markus Weidner via A-DX)

"Sie hören eine technische Versuchssendung der IGHF eV., QTH: > Datteln, Mail: test6150@yahoo.com 10 Watt" (denke eher 100W oder mehr) ("Interessengemeinschaft HF" ??) (Roger via A-DX)

Nichts zu ergoogeln... Interessengemeinschaft Hochfrequenztechnik e.V. Außer einer Postanschrift findet sich aber dazu nichts. (Patrick Robic via A-DX)

Other radio news

Audiobearbeitung

Wer sich mal ansehen möchte wie man mit bezahlbarer Technik heute Störungen in Audiofiles mit Adobe Audition entfernen kann: <https://helpx.adobe.com/creative-cloud/learn/start/audition.html?scid=social27402306>

Die Vorträge sind in Englisch, gesamt ca. 30 Minuten.

(73 Christoph, -- <http://ratzer.at>)

WORLDWIDE MARINE Fax

Have a look at <http://www.mwlist.org/fax.php> The list is as good as the input we get.
(73, Günter Lorenz via DXLD)

FINALIZED D-KAZ INVESTIGATIONS AND LOGGINGS

On 06.07.14 we published a draft report on preliminary investigations into the D-Kaz antenna. That draft report was long on speculation and short on conclusions. We've now published a wrap-up of the project, with up-to-date MW loggings and info on D-Kaz construction. We hope it's of some use. <http://www.durenberger.com/documents/DKAZ070314.pdf>
Cheers! (Mark Durenberger, July 3, NRC-AM via DXLD)

Great report !! I love seeing those Pac NW loggings, noting that this is summer and I am very rarely getting anything close to similar to that here in IL 350 miles or so further from them unless in the main fall/winter DX season. If I were to receive a GYer here on 1490 from western WA, I'd consider it to be the best domestic catch of my life. KOWC is an incredible catch. 73 and congrats. KAZ (Neil Kazaross, viaDXLD)

British DX Club

der British DX Club hat eine Publikation mit dem Titel "Afica On Shortwave" veröffentlich, Stand Juli 2014.

Danke Uwe. Dort gibt es noch einige andere aktuelle PDFs zum kostenlosen Download:
<http://homepage.ntlworld.com/bdxcuk/articles.html>

Zb für den Mittelwellen DXer:

- External Services on Medium Wave. A frequency-order guide to external services on medium wave from stations in Europe, Africa, the Middle East and Asia. Also includes some foreign and minority-language programming carried on domestic MW services. Updated May 2014.

- LPAM / RSL / Community Radio Mediumwave Log A compilation of logs of UK mediumwave Special Event, Restricted Service Licence, Low Power AM, Community Radio and Irish Temporary Licence mediumwave logs as reported to BDXC's monthly journal "Communication". Updated July 2014. (73 Christoph Ratzer via A-DX)

TRENDS IN TROPICAL BANDS BROADCASTING 2014

by Anker Petersen, editor of the Domestic Broadcasting Survey

Since DSWCI published its first Tropical Bands Survey in 1973, I have registered which stations are active, based upon loggings from our members and other DX-ers around the world. Here is an updated status where Clandestine and Pirate stations not are included.

Active domestic transmitters on 2200 – 5800 kHz

Region	1973	1985	1997	2009	2014
Central Africa	102	76	40	18	9
Southern Africa	57	39	33	20	11
Middle East	9	4	1	0	0
Indian Subcontinent	62	45	45	29	24
South East Asia	40	29	21	4	0
Indonesia	171	105	65	13	4
China, Taiwan, Mongolia	119	110	75	32	17
CIS (former USSR)	61	59	47	7	4
Far East	38	28	28	9	11
Papua New Guinea	17	20	20	15	7
Australia and other Pacific	10	4	13	8	10
Central America, Mexico	21	23	24	5	1
Caribbean	29	3	3	2	3
Northwestern South America	98	41	19	3	1
Ecuador	47	33	22	5	2
Peru	78	69	78	28	14
Bolivia	35	42	25	14	6
Brazil	107	87	67	35	33
Southern South America	5	2	1	0	0
Total	1106	819	627	247	157

During the past year the previous trend, that Tropical stations slowly disappear, continued throughout the world. The reason is, that other media get higher priority, than keeping elderly Shortwave transmitters alive. There is a fall in most regions in the total number from 175 last year to 157 this year. Five stations in Papua New Guinea are no longer on the air, and some domestic Shortwave transmitters in India are irregular or missing due to lack of maintenance. However two communist nations (Cuba and North Korea) increased their use of tropical bands slightly. But if this constantly falling trend continue, already in year 2020 there will only be a few handfuls of the stations left on the tropical bands!

These stations on Tropical Bands have closed down during year 2013:

kHz	kW	Station Country	Last log
3315	10	NBC Manus, Lorengau Papua New Guinea	JAN13
3350	100	R Exterior España, Cariari Costa Rica	OCT13
3915	1	R Fly, Kiunga Papua New Guinea	FEB13
3915	100	BBC, via Kranji Singapore	MAR13
3990	15	Gannan PBS, Tianshui, Gansu China	MAR13
3995	100	R Pakistan, Rewat, Islamabad Pakistan	MAR13
4050	100	R Rossii, Krasnaya Rechka Kyrgyzstan	JUN13
4700	100	Voice of Broad Masses, Asmara Eritrea	APR13
4750	50	Qinghai PBS-1, Xining, Qinghai China	FEB13
4790	10	RRI Fak-Fak, Propinsi Papua Indonesia	MAR13
4815	1	R El Buen Pastor, Saraguro Ecuador	MAR13
4828	00	Voice of Zimbabwe, Guineafowl Zimbabwe	APR13
4940	50	AIR Guwahati A, Assam India	MAR13
4960	100	Voice of Russia via Yangiyul Tajikistan	DEC13
4974.8	5	Pacífico R, Lima Perú	JAN13
5765	3	AFRTS feeder, Barrigada Guam	SEP13

(DSWCI SW News June/July 2014 via DXLD)

APPROACHING THE END OF THE DSWCI

Today seven out of our eight Board members have passed the age of 70. Last November we got a wake-up call, when five of us became ill at the same time. Most are recovered today, but with that age bigger or smaller illness become more frequent. The DSWCI was formed at a meeting in Aars on the 18th of November 1956 and the first issue of SWN was published in January 1957. Thus we can celebrate its 60 years birthday on 2016, if our health allows.

I think that the end of 2016 would be good time to dissolve the DSWCI as a club with printed publications. At that time there will be even fewer shortwave broadcasters to listen to, than today. This long warning time gives us time to consider alternatives for still active members. One alternative could be to continue with a free, open network of shortwave listeners on the internet, where former members could exchange tips and news (Report from our Annual General Meeting 2014 by Anker Petersen, June/July Danish Shortwave Club International SW News via WORLD OF RADIO 1729, DXLD)

Space Weather News for July 18, 2014

ZERO SUNSPOTS: On July 17th, for the first time in nearly 3 years, the sunspot number dropped to zero. Is Solar Max finished? Forecasts and further discussion of this "All Quiet" event highlight today's edition of <http://spaceweather.com/> (Mike Terry via DXLD)

G3xDDC-CSVUserlistBrowser Update

Version 3.92 von G3xDDC-CSVUserlistBrowser bringt neben einigen Bugfixes einen Clipboard-Watcher (Tools/Extras) zum Überwachen der Zwischenablage auf hineinkopierte Texte (z. B. aus Webseiten, Listen, Textdokumenten, PDF-Dateien), die Frequenzen enthalten. Wird eine Zahl erkannt, die eine Frequenz sein könnte, wird der Empfänger beim Kopieren (z. B. mit Strg C) sofort darauf abgestimmt. <http://www.df8ry.de/htmlde/csvub/news.htm> (73 Christoph Ratzer via A-DX)

QSL from R Tawantinsuyo

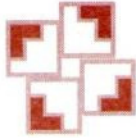
Radio Tawantinsuyo, Cusco, Peru. Reception: 30.05.2014, 0245 UT 1190,066 kHz, Winradio Excalibur PRO/CSO, Hari Windom 78 mt. Special thanks to Carlos Gammara in Cusco! (Christoph Ratzer)

Christoph, Congrats to a nice verification!

Take a look to the left on the letter paper where they say 4910 kHz for regional services. That frequency was used a very, very long time ago (see below). This letter paper must be very old

The station was founded for the purpose of spreading Peruvian music, especially the folklore of the Cusco region. Radio Tawantinsuyo was founded on October 30, 1948 and has been transmitting folklore and criolla music as well as cultural, information and sports programs. Radio Tawantinsuyo is a bilingual radio station (Spanish and Quechua), dedicated to the public "Campesinos" (Farmers).

Read more at http://www.dxing.info/profiles/peru_tawantinsuyo.dx
/TN



RADIO TAWANTINSUYO
Primera en el Corazón del Pueblo.

R. TAWANTINSUYO
OC. 49 MTS. CUSCO - PERÚ
5KW.

CARTA QSL DE LA SECRETARIA DE RADIO TAWANTINSUYO CUSCO PARA EL OYENTE Y
DIEXISTA DE LA CIUDAD DE SALZBURGO PAIS AUSTRIA, A NOMBRE DEL GERENTE DE LA
ESTACION SR. IVAN MONTESINOS .QUIEN TIENE EL PLACER Y LA SATISFACCION DE
CONFIRMAR SU REPORTAJE DE SINTONIA EL 30 DE MAYO DEL 014 A LAS HORAS 21.45 CON UN
RECEPTOR SDR EN UNA FRECUENCIA QUE CORRESPONDE A LA BANDA DE AMPLITUD
MODULADA EN LA FRECUENCIA DE LOS 1190 KHZ AM. POR LO QUE OTORGAMOS LA
CERTIFICACION DE LA UADIENCIA CONFIRMANDO UNA VEZ MAS QUE CORRESPONDEN A
NUESTRAS EMISOONES NORMALES. GENERALMENTE RECIBIMOS INFORMES DE OYENTES DEL
EXTERIOR POR NUESTRA SEÑAL, DE SW . UNA VES MAS NUESTRO AGRADECIMIENTO POR LA
RECEPCION DE NUESTRA SEÑAL DE AM ALLA EN SALZBURGO-AUSTRIA...QUEDAMOS
RECONOCIDOS. ATENTAMENTE LA SECRETARIA DE COMUNICACIÓN DE RADIO
TAWANTINSUYO DE CUSCO PERU.

0AX7B 1,190 Kcs.
Onda Media
Servicio Local

0AX7V 4,910 Kcs.
Onda Tropical 60 mts
Servicio Regional

0AX7C 6,175 Kcs.
Onda Corta 49 mts.
Servicio Nacional
e Internacional

FM 91,3 Mgs.

R. TAWANTINSUYO
OC. 49 MTS. CUSCO - PERÚ
5KW.

R. TAWANTINSUYO
OC. 49 MTS. CUSCO - PERÚ
5KW.

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